

Digital Workstation
PSR-A3000
Data List
Daten-Liste
Liste des données
Lista de datos
Contents
Voice List

Voice-Liste	
Liste des voix	
Lista de voces	2

Mega Voice Map

Sound-Zuordnungen der Mega Voices	
Carte des voix Mega	
Mapa de Mega Voice	16

Drum/SFX Kit List

Drum/SFX-Kit-Liste	
Liste des kits de batterie/SFX	
Lista de conjuntos de percusión/efectos especiales	18

Style List

Liste der Styles	
Liste des styles	
Lista de estilos	36

Multi Pad Bank List

Multi-Pad-Bank-Liste	
Liste des banques multi-pads	
Lista de bancos de Multi Pad	38

Harmony/Arpeggio Type List

Liste der Harmony-/Arpeggiotypen	
Liste des types d'harmonie/arpège	
Lista de tipos de armonía/arpeggio	39

Effect Type List

Liste der Effektypen	
Liste des types d'effet	
Lista de tipos de efecto	40

Effect Parameter List

Liste der Effektparameter	
Liste des paramètres d'effets	
Lista de parámetros de efectos	48

Effect Data Assign Table

Effekt-daten-Zuordnungstabelle	
Tableau d'assignation des données d'effets	
Tabla de asignación de datos para efectos	60

Parameter Chart

Parametertabelle	
Tableau des paramètres	
Gráfico de parámetros	62

MIDI Data Format

MIDI-Datenformat	
Format des données MIDI	
Formato de datos MIDI	69

Song System Exclusive Message List

Liste der System-Exclusive-Meldungen der Songs	
Liste des messages exclusifs au système de morceaux	
Lista de mensajes exclusivos del sistema de canciones	86

Song Meta Event List

Liste der Meta-Events der Songs	
Liste des métaévénements des morceaux	
Lista de meta-eventos de canciones	86

MIDI Implementation Chart

MIDI-Implementierungstabelle	
Tableau d'implémentation MIDI	
Gráfico de implementación MIDI	87

Voice List / Voice-Liste / Liste des voix / Lista de voces

Category	Voice Name	Program Change			Voice Type
		MSB	LSB	PC# (1-128)	
Piano	ConcertGrand	0	115	1	Live!
	PopGrand	104	5	1	Live!
	RockPiano	104	4	1	Live!
	AmbientPiano	104	3	1	Live!
	OctavePiano1	0	113	4	Live!
	MIDIGrand	104	0	3	Live!
	MIDIGrandPad	104	1	3	Live!
	MIDIGrandSyn	104	1	1	Live!
	PianoOrchestra	104	2	1	Live!
	OctavePiano2	0	114	4	Live!
	Harpsichord	8	32	113	S.Art!
	GrandPiano	0	113	1	Live!
	WarmGrand	0	114	1	Live!
	BrightPiano	0	112	2	Live!
	CocktailPiano	104	0	4	Live!
	HonkyTonk	0	112	4	Regular
	GrandHarpsi	0	113	7	Live!
	E.Piano	SuitcaseEP	0	118	5
VintageEP		0	116	5	Regular
SmoothTine		0	119	6	Regular
ElectricPiano		0	119	5	Cool!
TremoloSuitcase		0	113	5	Cool!
SweetDX		104	0	6	Cool!
BalladDX		0	124	6	Cool!
DXDynamics		0	123	6	Cool!
BalladBells		104	2	6	Cool!
MidnightDX		104	1	6	Cool!
StageEP		0	117	5	Regular
CP80Stage		0	113	3	Regular
ClaviBright		0	112	8	Regular
WahClavi		0	113	8	Regular
PhaseClavi		0	115	8	Regular
DreamDX		104	3	6	Cool!
SparkleStack		0	121	6	Cool!
GalaxyEP		0	114	5	Cool!
Organ&Accordion	WhiterBars	8	32	30	S.Art!
	AllBarsOut	8	32	31	S.Art!
	JazzRotary	8	32	114	S.Art!
	ClassicBars	8	34	30	S.Art!
	Organ-a-Go-Go	104	0	17	Cool!
	CurvedBars	0	121	17	Cool!
	EvenBars	0	111	17	Cool!
	VintageFast	0	127	17	Cool!
	RotorOrgan	0	117	19	Cool!
	ClassicJazz	0	117	17	Cool!
	RockRotary	8	33	114	S.Art!
	ProgRockOrgan	8	33	30	S.Art!
	HoldItFast	0	111	18	Cool!
	R&BTremolo	0	111	19	Cool!
	ScannerJazz	0	118	19	Cool!
	OrganAccomp1	0	108	18	Regular
	OrganAccomp2	0	107	18	Regular
	OrganAccomp3	0	106	18	Regular
	OrganAccomp4	0	105	18	Regular
	OrganAccomp5	0	104	18	Regular
	FullOrgan	0	112	20	Regular
	ChapelOrgan	0	113	20	Regular
	HymnOrgan	0	114	20	Regular
	ChurchOrgan	0	115	20	Regular
	MellowDrawbar	0	115	18	Regular
	Harmonium1	0	114	21	Regular
	Harmonium2	0	115	21	Regular
	TwoChannels	0	109	18	Cool!
	FullRocker	0	115	19	Cool!
	EuroOrgan	0	118	17	Regular
	FullTheatre	0	127	19	Regular
	SweetTheatre	0	126	19	Regular
	TibiaChorus	104	5	18	Regular
	Tibia16'&4'	104	8	17	Regular
	Tibia8'&4'	104	9	17	Regular
	Vox&Tibia	104	10	17	Regular
	Tibia8'	104	6	18	Regular
	VoxHumana8'	104	7	18	Regular
	Trumpet&Kinura	0	125	18	Regular

Category	Voice Name	Program Change			Voice Type
		MSB	LSB	PC# (1-128)	
Organ&Accordion	BallroomOrgan	0	115	4	Regular
	WhiterBarsSlow	104	1	18	Cool!
	WhiterBarsFast	104	0	18	Cool!
	AllBarsOutSlow	104	1	19	Cool!
	AllBarsOutFast	104	0	19	Cool!
	AllBarsPhase	104	2	19	Cool!
	JazzSlow	0	126	18	Cool!
	JazzFast	0	127	18	Cool!
	Harmonica	0	112	23	Sweet!
	MasterAccordion	0	118	22	Regular
	FullRegister	104	2	22	Regular
	Cassotto	104	0	22	Regular
	JazzAccordion	0	120	22	Regular
	BluesHarp	0	114	23	Regular
	TangoAccordion	0	114	24	Regular
	Cajun	104	3	22	Regular
	FrenchMusette	0	119	22	Regular
	Steirische	0	117	22	Regular
	ModernHarp	0	113	23	Regular
	AccordionBass	0	121	22	Regular
	Bandoneon	0	113	24	Regular
	MasterBass	0	122	22	Regular
	MusetteBass	0	123	22	Regular
	AccordionClarinet	104	1	22	Regular
	TangoBass	0	115	24	Regular
	FullRegisterBass	104	5	22	Regular
CajunBass	104	6	22	Regular	
Guitar	RockLegend	8	34	6	S.Art!
	StageLead	8	38	6	S.Art!
	OverdriveWah	8	39	6	S.Art!
	BluesyNight	8	55	4	S.Art!
	LightChorus	8	53	4	S.Art!
	ConcertGuitar	8	32	1	S.Art!
	SteelGuitar	8	32	2	S.Art!
	ElectroAcoustic	8	35	1	S.Art!
	JazzVintage	8	38	7	S.Art!
	JazzArtist	8	39	7	S.Art!
	SixtiesGuitar	8	57	4	S.Art!
	HalfWahLead	8	55	6	S.Art!
	WahWahGuitar	8	56	6	S.Art!
	SeventiesChorus	8	58	4	S.Art!
	VintageSpring	8	54	4	S.Art!
	FlamencoGuitar	8	33	1	S.Art!
	SemiAcoustic	8	33	7	S.Art!
	JazzClean	8	32	7	S.Art!
	PedalSteel	8	36	4	S.Art!
	AlohaGuitar	0	118	27	Regular
	PureVintage	8	42	6	S.Art!
	VintageAmp	8	40	4	S.Art!
	GrungeGuitar	8	40	6	S.Art!
	ClassicStack	8	41	6	S.Art!
	CrunchGuitar	8	33	6	S.Art!
	WarmSolid	8	33	4	S.Art!
	CleanSolid	8	34	4	S.Art!
	SlideJazzGuitar	104	0	27	Cool!
	SolidJazzGuitar	8	40	7	S.Art!
	SmoothJazzGuitar	8	35	7	S.Art!
	NylonGuitar	8	34	1	S.Art!
	FolkGuitar	8	33	2	S.Art!
	SteelGuitar	0	117	26	Live!
	12StringGuitar	0	113	26	Live!
	ClassicalGuitar	0	115	25	Live!
	MutedGuitar	0	119	29	Cool!
	DynamicMute	0	118	29	Cool!
	NylonMute	0	119	25	Live!
	SteelMute	0	120	26	Live!
	HardFlamenco	0	118	25	Live!
GuitarHero	8	32	6	S.Art!	
SingleCoilClean	8	39	4	S.Art!	
PedalSteelAmp	8	52	4	S.Art!	
Slapback	104	0	28	Cool!	
HalfDrive	8	37	4	S.Art!	
Bass	VintageRound	104	1	34	Cool!
	VintagePick	104	1	35	Regular

Category	Voice Name	Program Change			Voice Type	
		MSB	LSB	PC# (1-128)		
Bass	VintageFlat	104	2	34	Cool!	
	FretlessBass	0	112	36	Cool!	
	SlapBass	0	112	37	Regular	
	AcousticBass	0	112	33	Regular	
	VintagePickMute	104	0	35	Cool!	
	VintageDyno	104	2	35	Cool!	
	MellowFinger	0	112	34	Regular	
	PickBass	0	112	35	Regular	
	VintageMute	104	3	34	Cool!	
	ElectricBass	0	114	34	Cool!	
	HalfMute	0	115	34	Cool!	
	SuperFretless	0	113	36	Regular	
	FusionBass	0	113	37	Regular	
	FunkBass	0	112	38	Regular	
	RockBass	0	114	35	Regular	
	PickDynoBass	0	113	35	Cool!	
	LoBass	104	0	40	Regular	
	DarkBass	104	1	40	Regular	
	MoonBass	104	0	39	Regular	
	KickBass	104	1	39	Regular	
	ClubBass	104	2	39	Regular	
	FatPulse	104	2	40	Regular	
	WazzoSaw	104	3	81	Regular	
	DeepPoint	104	3	39	Regular	
	TightBass	104	3	40	Regular	
	Competitor	104	4	39	Regular	
	1o1Sub	104	5	39	Regular	
	LittleBassSynth	104	6	39	Regular	
	TeknoBass	104	7	39	Regular	
	PercPunch	104	8	39	Regular	
	SquareBass	104	4	40	Regular	
	TranceBass	104	9	39	Regular	
	SubCutBass	104	5	40	Regular	
	DynoAcidBass	104	10	39	Regular	
	MiniSub	104	6	40	Regular	
	FatSineResonance	104	11	39	Regular	
	BalladBass	104	7	40	Regular	
	VelocityMaster	104	17	82	Regular	
	SubBass	0	114	40	Regular	
	HardBass	0	114	39	Regular	
	ResonanceBass	0	112	39	Regular	
	HouseBass	0	116	39	Regular	
	BigDrone	0	118	39	Regular	
	TBBass	0	117	40	Regular	
	Bass&Cymbal	0	114	33	Regular	
	LFOSynBass	0	110	102	Regular	
	DX100Bass	0	118	40	Regular	
	FatLoBass	0	119	39	Regular	
	RampBass	0	119	40	Regular	
	DarkCoreBass	0	120	40	Regular	
	FunkBass	0	121	40	Regular	
	BleepBass	0	122	40	Regular	
	ClickOrganBass	104	27	18	Regular	
	DeepSub MW	104	18	88	Regular	
	MultiSawBass	104	20	88	Regular	
	Strings	ConcertStrings	8	32	50	S.Art!
		StudioStrings	8	32	49	S.Art!
		Strings	0	117	50	Live!
		MovieStrings	0	123	49	Live!
		ChamberStrings	0	112	50	Regular
		Violin	0	113	41	Sweet!
		Pizzicato	0	113	46	Live!
		TremoloStrings	0	113	45	Live!
		Spiccato	0	120	49	Live!
		OrchestralHarp	104	1	47	Regular
		Spiccato	8	33	49	S.Art!
		Strings f	0	119	49	Live!
		Strings mf	0	118	49	Live!
		Strings p	0	117	49	Live!
		Allegro	0	122	50	Live!
Mandolin		0	114	26	Sweet!	
PizzicatoGlocken		0	115	46	Live!	
TremoloBowing		8	34	49	S.Art!	
DynamicStrings		0	124	49	Live!	

Category	Voice Name	Program Change			Voice Type	
		MSB	LSB	PC# (1-128)		
Strings	MellowHarp	104	0	47	Regular	
	OberStrings	0	113	52	Regular	
	SynthStrings1	0	112	51	Regular	
	SynthStrings2	0	113	51	Regular	
	DiscoStrings1	0	123	50	Live!	
	DiscoStrings2	0	124	50	Live!	
	SymphonicUnison	104	0	50	Regular	
	TheatreOrchestra	104	1	50	Regular	
	Hackbrett1	104	2	47	Regular	
	Zither1	104	1	16	Regular	
	Zither2	104	0	16	Regular	
	Banjo1	104	0	106	Regular	
	ErHu	0	113	111	Regular	
	PiPa	0	119	106	Regular	
	Sitar1	104	0	105	Regular	
	Sitar2	0	113	105	Regular	
	Koto	0	112	108	Regular	
	Shamisen	0	112	107	Regular	
	Banjo2	0	112	106	Regular	
	SoloViolin	0	112	41	Regular	
	Viola	0	112	42	Regular	
	Cello	0	112	43	Regular	
	Contrabass	0	112	44	Regular	
	Fiddle	0	112	111	Regular	
	Hackbrett2	0	113	47	Regular	
	Tutti	0	120	50	Regular	
	OrchestraHit	0	112	56	Regular	
	Brass	BrightTrumpet	8	32	65	S.Art!
		SilverTrumpet	8	33	65	S.Art!
		GoldenTrumpet	8	34	65	S.Art!
BigBandTrumpet		8	37	65	S.Art!	
TrumpetFall		8	38	65	S.Art!	
Cornet		0	119	57	Sweet!	
MutedTrumpet		0	114	60	Sweet!	
FlugelHorn		0	118	57	Sweet!	
Trombone		0	117	58	Sweet!	
Trumpet		0	115	57	Sweet!	
TrumpetShake		8	35	65	S.Art!	
SilverTrumpet		0	121	57	Sweet!	
GoldenTrumpet		0	122	57	Sweet!	
MellowTrumpet		0	120	57	Sweet!	
BaritoneHorn		0	113	59	Regular	
Tuba		104	0	59	Regular	
AlpBass		0	113	34	Regular	
BaritoneHit		0	114	59	Regular	
BigBandBrass		8	37	57	S.Art!	
SmoothBrass		8	36	57	S.Art!	
DynamicBrass		0	127	62	Live!	
PowerBrass		0	121	63	Live!	
AccentBrass		0	109	62	Live!	
FrenchHorns		0	112	61	Live!	
SymphonyBrass		0	119	61	Live!	
Brass f		0	108	62	Live!	
Brass mf		0	110	62	Live!	
Brass p		0	111	62	Live!	
BrassFalls f		8	34	57	S.Art!	
BrassFalls mf		8	35	57	S.Art!	
BrassBand	0	123	57	Live!		
SoftHorns	0	117	61	Live!		
SoftTrombones	0	118	61	Live!		
BrassShake	8	32	57	S.Art!		
AccentFalls	8	38	57	S.Art!		
Sforzando	0	105	62	Live!		
SforzandoFall	0	107	62	Live!		
SymphonyHorns	0	115	61	Live!		
BrassDynamics	0	106	62	Live!		
PopBrass	0	117	63	Live!		
HyperBrass	0	118	63	Live!		
SmallBrass	0	120	61	Live!		
BallroomBrass	0	113	60	Regular		
OctaveBrass	0	116	63	Live!		
OberBrass	0	113	64	Regular		
ThinthBrass	104	0	63	Regular		
BrassProfit	104	1	63	Regular		

Category	Voice Name	Program Change			Voice Type	
		MSB	LSB	PC# (1-128)		
Brass	SlowPWMBrass	104	2	63	Regular	
	FastPWMBrass	104	6	63	Regular	
	SoftVelocityBrass	0	120	63	Regular	
	80sBrass	0	113	63	Regular	
	AnalogBrass	0	112	64	Regular	
	SoftAnalog	0	114	64	Regular	
	FunkyAnalog	0	115	63	Regular	
	TechnoBrass	0	114	63	Regular	
	OberHorns	0	115	64	Regular	
	FatSynthBrass	0	116	64	Regular	
Woodwind	Saxophone	8	32	83	S.Art!	
	BigBandSax	8	35	83	S.Art!	
	JazzTenorSax	0	125	67	Sweet!	
	PopTenor	0	127	67	Sweet!	
	BalladTenorSax	0	126	67	Sweet!	
	SopranoSax	0	113	65	Sweet!	
	AltoSax	0	114	66	Sweet!	
	TenorSax	0	117	67	Sweet!	
	RockSax	8	33	83	S.Art!	
	GrowlSax	0	111	67	Sweet!	
	SaxSection	0	116	67	Live!	
	SaxSectionSoft	0	121	67	Live!	
	SaxSectionHard	0	122	67	Live!	
	SaxAppeal	0	123	67	Live!	
	BigBandSaxes	0	110	67	Live!	
	BigBandUnison	0	109	67	Live!	
	BigBandOctave	0	108	67	Live!	
	Moonlight	0	115	72	Regular	
	BalladSection	0	119	67	Regular	
	BaritoneSax	0	112	68	Regular	
	OrchestralFlute	104	0	74	Sweet!	
	OrchestralOboe	104	0	69	Sweet!	
	OrchestralClarinet	104	0	72	Live!	
	OrchBassoon	104	0	71	Sweet!	
	GermanClarinet	104	2	72	Regular	
	Flutes&Oboes	104	2	74	Regular	
	Clarinet&Flutes	104	1	72	Regular	
	Clarinet&Oboe	104	1	69	Regular	
	DoubleReeds	104	2	69	Regular	
	OrchWoodwind	104	1	71	Regular	
	ClassicalFlute	0	115	74	Sweet!	
	ClassicalOboe	0	113	69	Sweet!	
	JazzClarinet	0	114	72	Sweet!	
	EnglishHorn	0	112	70	Regular	
	JazzFlute	0	114	74	Sweet!	
	Piccolo	0	112	73	Regular	
	BalladPanFlute	0	113	76	Sweet!	
	AltoFlutes	104	1	74	Regular	
	FluteEnsemble	0	116	74	Regular	
	DiZi	0	118	74	Regular	
	Sheng	0	116	110	Regular	
	Shakuhachi	0	112	78	Regular	
	Bagpipe	0	112	110	Regular	
	Recorder	0	112	75	Regular	
	Ocarina	0	112	80	Regular	
	Whistle	0	112	79	Regular	
	Choir&Pad	GospelVoices	0	116	53	Live!
		Humming	0	118	53	Live!
		HahChoir	0	114	53	Regular
		SweetHeaven	0	118	89	Regular
DreamHeaven		0	121	89	Regular	
Mmh		0	117	53	Live!	
GothicVox		0	113	54	Regular	
BellHeaven		0	119	89	Regular	
PanHeaven		0	120	89	Regular	
ProHeaven		0	122	89	Regular	
CrossPhase		104	1	102	Regular	
GalaxyPad		104	3	89	Regular	
NightMotion		104	4	89	Regular	
MorningDew		104	0	95	Regular	
Aerosphere		104	1	95	Regular	
NewAtmosphere		104	4	90	Regular	
VPSoft		104	0	90	Regular	
HotSwell		104	2	96	Regular	

Category	Voice Name	Program Change			Voice Type
		MSB	LSB	PC# (1-128)	
Choir&Pad	DarkFatSaw	104	2	90	Regular
	VaporPad	104	1	90	Regular
	SpaceRider	104	1	96	Regular
	PearlsPad	104	2	89	Regular
	BreathPad	104	0	92	Regular
	NobleMan	104	1	89	Regular
	DouxFlange	104	3	96	Regular
	LightPad	104	2	52	Regular
	ButterStrings	104	2	51	Regular
	MediumTunePad	104	0	51	Regular
	NylonPad	104	0	100	Regular
	DarkLight	104	3	90	Regular
	AnaDayz	104	3	52	Regular
	BrightPadTrance	104	4	91	Regular
	OctaveStrings	104	4	51	Regular
	ChillinChords	104	6	52	Regular
	BrightPopPad	104	3	51	Regular
	PremiumPad	104	0	52	Regular
	SoftEnsemble	104	1	51	Regular
	80sPad	104	1	52	Regular
	BrightPadClassic	104	3	91	Regular
	AmbientPad	104	0	89	Regular
	BrightFatSaw	104	5	91	Regular
	Trance MW	104	0	96	Regular
	EarlyDigital	104	0	94	Regular
	Bellsphere	104	5	89	Regular
	SixthSense	104	2	102	Regular
	PercPad	104	0	102	Regular
	SuperDarkPad	0	119	90	Regular
	AnalogPad	0	120	90	Regular
	DarkAngelPad	0	121	90	Regular
	LitePad	0	122	90	Regular
	PopPad	0	112	91	Regular
	GloriousPhase	0	114	91	Regular
	AnalogSwell	0	119	96	Regular
	Skydiver	0	112	102	Regular
	HipaStrings	0	114	96	Regular
	BrightSawPad	0	113	91	Regular
	BigOctavePad	0	115	91	Regular
	GoldenAge	0	115	89	Regular
	Solaris	0	114	95	Regular
	Insomnia	0	113	95	Regular
	Mediterrain	0	114	100	Regular
	OberSweep	0	115	96	Regular
	TimeTravel	0	116	89	Regular
	Bubblespace	0	113	102	Regular
	MagicBell	8	32	121	S.Art!
	MellowPad	0	117	96	Regular
	NeoWarmPad	0	115	90	Regular
	CyberPad	0	113	100	Regular
BrightOber	0	113	96	Regular	
DarkPad	0	118	96	Regular	
Synth	ClubLead	104	3	63	Regular
	HandsUp!	104	21	91	Regular
	Gemini	104	20	91	Regular
	PunchyChordz	104	24	91	Regular
	Skyline	0	115	85	Regular
	Oxygen	0	122	82	Regular
	Matrix	0	123	82	Regular
	WireLead	0	120	82	Regular
	SoftR&B	0	119	81	Regular
	EarlyLead	0	118	82	Regular
	LektroCodes	104	2	85	Regular
	SoftSquare	104	5	81	Regular
	WildPWM	104	4	81	Regular
	DetunedVintage	104	1	85	Regular
	PWMLead	104	1	82	Regular
	SimpleComp	104	12	82	Regular
	BalladComp	104	6	89	Regular
	HeavenBell	104	0	101	Regular
	BrightPadBell	104	7	89	Regular
	ResonanceComp	104	4	63	Regular
HPFDance	104	0	91	Regular	
DetunedSawOctave	104	8	82	Regular	

Category	Voice Name	Program Change			Voice Type	
		MSB	LSB	PC# (1-128)		
Synth	DancyHook	104	9	82	Regular	
	TrancePerc	104	5	82	Regular	
	Chordmaster	104	13	82	Regular	
	DigitalSequence	104	2	88	Regular	
	AnalogSeq	104	3	88	Regular	
	TranceSeq1	104	4	88	Regular	
	TranceSeq2	104	5	88	Regular	
	TranceSeq3	104	1	91	Regular	
	FaaatComp	104	4	52	Regular	
	FatSawHook	104	7	52	Regular	
	DanceChords	104	5	52	Regular	
	DanceHook	0	112	87	Regular	
	OctaveHook	0	113	87	Regular	
	PunchyHook	0	127	82	Regular	
	HipaLead	0	118	85	Regular	
	CryingLead	0	114	88	Regular	
	MouthLead	104	0	82	Regular	
	PunchLead	104	7	82	Regular	
	PercSeqFS	104	6	88	Regular	
	PercSeqFM1	104	7	88	Regular	
	PercSeqFM2	104	8	88	Regular	
	PercSeqSaw	104	11	82	Regular	
	PercSeqHipa	104	9	88	Regular	
	SynthSticks	104	0	107	Regular	
	SazFeeze	104	0	98	Regular	
	EasternAir	104	1	98	Regular	
	Xtune	104	1	88	Regular	
	PitchFall	104	0	104	Regular	
	RSSawLead1	0	104	82	Regular	
	RSSawLead2	0	106	82	Regular	
	RSTechSaw	0	108	82	Regular	
	RSDualSaw	0	109	82	Regular	
	RSWarmPad	0	113	92	Regular	
	RSRampLead	0	107	82	Regular	
	RSDistortionLead	0	114	84	Regular	
	RSQuackLead	0	119	85	Regular	
	RSSynthPad	0	123	90	Regular	
	RSNoisePad	0	124	90	Regular	
	RSAnalogPad	0	126	90	Regular	
	RSDualSquare	0	127	81	Regular	
	RSTeknoMan	0	125	90	Regular	
	RSShortResonance	0	116	91	Regular	
	RSSync1	0	105	82	Regular	
	RSSync2	0	119	88	Regular	
	BriteDecay	104	5	85	Regular	
	PWMPercussion	104	6	82	Regular	
	VinalogSaw	104	3	82	Regular	
	Noise	0	120	123	Regular	
	Percussion	Vibraphone	0	112	12	Regular
		JazzVibes	0	113	12	Regular
		Vibes&Flutes	0	114	12	Regular
		Marimba	0	112	13	Regular
		Xylophone	0	112	14	Regular
		Vibes&JazzGuitar	8	33	12	S.Art!
		Celesta	0	112	9	Regular
Glockenspiel		0	112	10	Regular	
SteelDrums		0	112	115	Regular	
TubularBells		0	112	15	Regular	
Kalimba		0	112	109	Regular	
Dulcimer		0	112	16	Regular	
Timpani		0	112	48	Regular	
StackBell		104	8	89	Regular	
NiceBell		104	9	89	Regular	
MusicBox	0	112	11	Regular		
DrumKit	A3000ArabicKit1	126	0	76	SFX	
	A3000ArabicKit2	126	0	78	SFX	
	A3000MaghrebiKit	126	0	75	SFX	
	A3000KhaligikKit1	126	0	73	SFX	
	A3000KhaligikKit2	126	0	74	SFX	
	A3000IranianKit1	126	0	77	SFX	
	A3000IranianKit2	126	0	79	SFX	
	ArabicMixKit	126	0	65	SFX	
	KhaligiMixKit	126	0	66	SFX	
	IranianMixKit	126	0	67	SFX	

Category	Voice Name	Program Change			Voice Type
		MSB	LSB	PC# (1-128)	
DrumKit	TurkishPercKit1	126	0	10	SFX
	TurkishPercKit2	126	0	11	SFX
	TurkishPercKit3	126	0	12	SFX
	TurkishPercKit4	126	0	13	SFX
	2TellKit	126	0	14	SFX
	AnkaraKit	126	0	15	SFX
	Ant-MrshKit	126	0	16	SFX
	AzeriPerc	126	0	17	SFX
	EthnicKit	126	0	18	SFX
	DavulMixKit	126	0	19	SFX
	DavulKit	126	0	20	SFX
	RealDrums	127	0	92	Live!Drums
	HouseKit	127	0	61	Drums
	AcousticKit	127	0	90	Live!Drums
	RockKit	127	0	91	Live!Drums
	SymphonyKit	127	0	49	Live!Drums
	BassDrumKit	126	0	21	SFX
	ReverseBDKit	126	0	22	SFX
	PowerKit1	127	0	88	Live!Drums
	PowerKit2	127	0	89	Live!Drums
	BrushKit	127	0	41	Live!Drums
	AnalogT8Kit	127	0	59	Drums
	AnalogT9Kit	127	0	60	Drums
	BreakKit	127	0	58	Drums
	HipHopKit	127	0	57	Drums
	DanceKit	127	0	28	Drums
	StudioKit	127	0	87	Live!Drums
	HitKit	127	0	5	Drums
	JazzKit	127	0	33	Drums
	PopLatinKit	126	0	44	Live!SFX
	RoomKit	127	0	9	Drums
	ElectroKit	127	0	25	Drums
	AnalogKit	127	0	26	Drums
	CubanKit	126	0	41	Live!SFX
	TurkishKit	126	0	68	Live!SFX
IndianKit	126	0	115	SFX	
ChineseKit	126	0	125	SFX	
ChineseMixKit	127	0	128	SFX	
SFX Kit1	126	0	1	SFX	
SFX Kit2	126	0	2	SFX	
NoisesKit	126	0	9	SFX	
Oriental	OudTremolo	8	34	22	S.Art!
	KanounTremolo	8	43	112	S.Art!
	WtarTremolo	8	33	105	S.Art!
	SanturTremolo	8	32	16	S.Art!
	Kamancheh	8	44	78	S.Art!
	Nay	8	34	78	S.Art!
	KawalaVibrato	8	33	78	S.Art!
	MejwizLegato	8	34	112	S.Art!
	ZokraLegato	8	36	112	S.Art!
	MenjayraTrill	104	5	78	Regular
	WtarSlap	8	32	105	S.Art!
	TarTremolo	8	34	105	S.Art!
	MezwedLegato	8	40	112	S.Art!
	MezwedLegatoGrace	8	39	112	S.Art!
	KamanchehVibrato	8	43	78	S.Art!
	Nay8Va1	8	35	78	S.Art!
	Nay8Va2	8	36	78	S.Art!
	Chabbabi	8	42	78	S.Art!
	Kawala	8	32	78	S.Art!
	MizmarLegato	8	38	112	S.Art!
	AkustikBaglamaTrem	8	36	22	S.Art!
	EsikAltibaglamaTrem	8	37	22	S.Art!
	UdVibrato	8	38	22	S.Art!
	TarTremolo2	8	39	105	S.Art!
	KemenceTrill	104	13	111	Live!
	NeyGrace	8	48	78	S.Art!
	TulumTremolo	8	45	112	S.Art!
	Garmon	104	7	22	Regular
	Klarnet	104	7	72	Regular
	KavalGrace	8	49	78	S.Art!
OudTremolo	104	2	106	Regular	
AzeriTAr	104	15	106	Regular	
Ghopooz	104	18	106	Regular	

Voice List / Voice-Liste / Liste des voix / Lista de voces

Category	Voice Name	Program Change			Voice Type
		MSB	LSB	PC# (1-128)	
Oriental	YayliStaccato	8	47	49	S.Art!
	GrupYayliStaccato	8	48	49	S.Art!
	NayVibrato	8	37	78	S.Art!
	NeyAnbanLegato	8	42	112	S.Art!
	NeyAnbanLegTrem	8	41	112	S.Art!
	MizmarLegatoTrill	8	37	112	S.Art!
	ZokraLegatoTrill	8	35	112	S.Art!
	KanounTremolo	104	1	108	Regular
	KanounTrill	104	9	108	Regular
	AzeriTartremolo	104	14	106	Regular
	Ghopooztremolo	104	19	106	Regular
	ElektroBaglama	8	39	22	S.Art!
	Balaban	8	34	71	S.Art!
	BalabanSwell	8	32	71	S.Art!
	KawalaTrill	104	8	78	Sweet!
	ZurnaLegato	8	33	112	S.Art!
	ZurnaLegatoTrill	8	32	112	S.Art!
	KabakKemaneGrace	8	50	78	S.Art!
	KanunTremolo	8	44	112	S.Art!
	Baghlama	104	11	106	Regular
	BaghlamaTremolo	104	10	106	Regular
	Watariat1	104	2	49	Live!
	Mey	104	25	74	Sweet!
	Zurna	104	14	112	Live!
	AlgerianZurna	104	11	112	Regular
	KabaZurna	104	13	112	Sweet!
	Watariat2	104	3	49	Live!
	Watariat3	104	4	49	Live!
	Watariat4	104	5	49	Live!
	Watariat5	104	7	49	Live!
	Watariat6	104	8	49	Live!
	Watariat7	104	9	49	Live!
Watariat8	104	10	49	Live!	
Watariat9	104	11	49	Live!	
OrganFlutes	OrganFlutes	10	0	9	OrganFlutes
	USDSmile	10	1	9	OrganFlutes
	ReggaeBars	10	2	9	OrganFlutes
	WarmTheatre	10	3	9	OrganFlutes
	OrganPops	10	4	9	OrganFlutes
	RockOrgan	10	5	9	OrganFlutes
	SoulPercussion	10	6	9	OrganFlutes
	GospelTruth	10	7	9	OrganFlutes
	PadOrgan	10	8	9	OrganFlutes
	FullOrgan	10	9	9	OrganFlutes
	StringBars	10	0	10	OrganFlutes
	LatinSpin	10	1	10	OrganFlutes
	ShadyBars	10	2	10	OrganFlutes
	FunkOrgan	10	3	10	OrganFlutes
	BalladOrgan	10	4	10	OrganFlutes
	RichBars	10	5	10	OrganFlutes
	TrumpetBars	10	6	10	OrganFlutes
	SoulBars	10	7	10	OrganFlutes
ClariBars	10	8	10	OrganFlutes	
JazzSquabble	10	9	10	OrganFlutes	

Category: Legacy

Sub Category	Voice Name	Program Change			Voice Type	
		MSB	LSB	PC# (1-128)		
Piano	MIDIGrand	0	112	3	Regular	
	BalladStack	0	114	3	Regular	
	Harpsichord	0	112	7	Live!	
E.Piano	ChorusBell	0	120	6	Regular	
	FunkEP	0	112	5	Regular	
	HyperTines	0	113	6	Regular	
	JazzChorus	0	118	6	Regular	
	ModernEP	0	115	6	Regular	
	NewTines	0	116	6	Regular	
	PhaseEP	0	120	5	Regular	
	DXModern	0	112	6	Regular	
	PolarisEP	0	115	5	Regular	
	SuperDX	0	117	6	Regular	
	VenusEP	0	114	6	Regular	
	StereoClavi	0	114	8	Regular	
	Organ	Kinura8'	0	123	17	Regular
ReedOrgan		0	112	21	Regular	
Tibia16'&4'Acmp		0	114	17	Regular	
Tibia8'Acmp		0	122	18	Regular	
Tibia8'&4'Acmp		0	122	17	Regular	
TibiaFullAcmp		0	114	18	Regular	
Trumpet16'&8'		0	124	18	Regular	
Trumpet8'		0	124	17	Regular	
Vox8'Acmp		0	123	18	Regular	
Vox&TibiaAcmp		0	125	17	Regular	
BrightDrawbar		0	116	17	Regular	
ClickOrgan		0	112	18	Regular	
DanceOrgan		0	113	18	Regular	
DrawbarOrgan1		0	120	18	Regular	
DrawbarOrgan2		0	115	17	Regular	
ElectricOrgan		0	118	18	Regular	
FullRocker2		104	3	19	Cool!	
GospelOrgan		0	119	17	Regular	
JazzOrgan1		0	112	17	Regular	
JazzOrgan2		0	113	17	Regular	
JazzOrgan3		0	120	17	Regular	
PercOrgan		0	119	18	Regular	
PurpleOrgan		0	114	19	Regular	
RockOrgan1		0	112	19	Regular	
RockOrgan2		0	119	19	Regular	
RockOrgan3		0	113	19	Regular	
RotaryDrive		0	116	19	Regular	
RotarySwitch		0	110	18	Cool!	
60sOrgan		0	116	18	Regular	
ClassicJazz		0	126	17	OrganFlutes	
Accordion		Accordion	0	116	22	Regular
		BallroomAcc	0	112	24	Regular
		MusetteAccordion	0	112	22	Regular
		SmallAccordion	0	115	22	Regular
	SoftAccordion	0	114	22	Regular	
TuttiAccordion	0	113	22	Regular		
Guitar	DynamicNylon	0	116	25	Live!	
	SlideNylon	0	117	25	Live!	
	DynamicSteel	0	116	26	Live!	
	SlideSteel	0	118	26	Live!	
	18StringGuitar	0	119	26	Regular	
	CampfireGuitar	0	115	26	Regular	
	FolkGuitar	0	112	26	Regular	
	JazzGuitar	0	115	27	Cool!	
	JazzSoloGuitar	0	116	27	Cool!	
	DXJazzGuitar	0	117	27	Regular	
	OctaveGuitar	0	113	27	Regular	
	70sSolidGuitar	8	38	4	S.Art!	
	CleanElectric	8	35	4	S.Art!	
	WarmElectric	8	32	4	S.Art!	
	70sSolidGuitar	104	1	28	Cool!	
	BalladSolid	0	109	28	Cool!	
	ChorusSolid	0	107	28	Cool!	
	CleanGuitar	0	112	28	Cool!	
	CleanSolid	104	3	28	Cool!	
	ElectricGuitar	0	114	29	Cool!	
	FunkGuitar	0	116	29	Cool!	
	SlapSolid	0	108	28	Cool!	
	SlideClean	0	117	29	Cool!	

Sub Category	Voice Name	Program Change			Voice Type	
		MSB	LSB	PC# (1-128)		
Guitar	SlideSolid	0	110	28	Cool!	
	TremoloSolid	0	111	28	Cool!	
	WarmSolid	104	2	28	Cool!	
	60sCleanGuitar	0	117	28	Regular	
	BrightClean	0	116	28	Regular	
	ChorusGuitar	0	124	28	Regular	
	DeepChorus	0	114	28	Regular	
	Electric12String	0	119	28	Regular	
	FunkGuitar	0	113	29	Regular	
	MutedGuitar	0	112	29	Regular	
	SolidChord	0	121	28	Regular	
	SolidGuitar	0	118	28	Regular	
	TremoloGuitar	0	113	28	Regular	
	VintageMuteEcho	0	115	29	Regular	
	VintageOpen	0	123	28	Regular	
	VintageStrum	0	126	28	Regular	
	VintageTrem	0	120	28	Regular	
	WahGuitar	0	122	28	Regular	
	BluesGuitar	0	117	30	Cool!	
	CrunchGuitar	0	113	31	Regular	
	DistortionGuitar	0	112	31	Regular	
	Feedbacker	8	33	5	S.Art!	
	FeedbackGuitar	0	113	30	Regular	
	GuitarHero	104	0	31	Cool!	
	HeavyRock	8	32	5	S.Art!	
	HeavyRock	104	1	31	Cool!	
	HeavyStack	0	114	31	Regular	
	MetalMaster	0	120	31	Regular	
	PowerChord	0	117	31	Regular	
	PowerLead	0	115	31	Cool!	
	VoodooLead	0	116	31	Regular	
	HalfDrive	104	0	30	Cool!	
	LeadGuitar	0	114	30	Regular	
	OverdriveGuitar	0	112	30	Regular	
	RockGuitar	0	116	30	Regular	
	SmoothLead	0	119	27	Regular	
	VintageAmp	0	115	30	Regular	
	VintageLead	0	125	28	Cool!	
	PedalSteel	0	115	28	Regular	
	Bass	80sSynthBass	0	115	40	Regular
		AnalogBass	0	112	40	Regular
		ClickBass	0	115	39	Regular
		DrySynthBass	0	116	40	Regular
		DXFunkBass	0	113	38	Regular
		HiQBass	0	113	39	Regular
		PunchyBass	0	117	39	Regular
		BowStrings	0	116	49	Regular
ConcertoStrings		0	115	49	Regular	
Marcato		0	115	50	Regular	
Strings	Orchestra	0	116	50	Live!	
	OrchStrings	0	113	49	Regular	
	Pizzicato	0	112	46	Regular	
	SlowStrings	0	113	50	Regular	
	StringFalls	0	121	49	Live!	
	StringQuartet	0	114	50	Regular	
	Strings	0	112	49	Regular	
	Symphonic	0	114	49	Regular	
	TremoloStrings	0	112	45	Regular	
	Orchestra&Flute	0	119	50	Regular	
	Orchestra&Horns	0	118	50	Regular	
	Orchestra&Oboe	0	121	50	Regular	
	Harp	0	112	47	Regular	
	Sitar2	0	112	105	Regular	
	AnalogStrings	0	112	52	Regular	
	Brass	JazzTrumpet	0	116	57	Regular
		SoloTrumpet	0	112	57	Regular
MutedTrumpet		0	112	60	Regular	
FlugelHorn		0	113	57	Regular	
MellowTrombone		0	114	58	Regular	
SmoothTrombone		0	118	58	Regular	
SoftTrombone		0	115	58	Regular	
SoloTrombone		0	112	58	Regular	
Trombone		0	116	58	Regular	
Tuba2		0	112	59	Regular	

Category: Legacy

Sub Category	Voice Name	Program Change			Voice Type
		MSB	LSB	PC# (1-128)	
Brass	BigBandBrass	0	113	62	Regular
	BigBrass	0	121	62	Regular
	BrassCombo	0	115	67	Regular
	BrassHit	0	126	62	Regular
	BrassSection	0	112	62	Regular
	BreathBrass	0	116	61	Regular
	BrightBrass	0	120	62	Regular
	FullHorns	0	114	62	Regular
	HighBrass	0	115	62	Regular
	MellowBrass	0	116	62	Regular
	NaturalBrass	0	124	62	Regular
	Sforzando	0	125	62	Regular
	SmallBrass	0	117	62	Regular
	SoftBrass	0	123	62	Regular
	TrumpetEns	0	122	62	Regular
	MellowHorns	0	119	62	Regular
	TromboneSection	0	113	58	Regular
	HybridComp	0	119	63	Regular
	Hybrihorn	0	113	61	Regular
	Hybripad	0	114	61	Regular
	PopBrass	0	118	62	Regular
	SynthBrass	0	112	63	Regular
	Woodwind	SopranoSax	0	112	65
AltoSax		0	112	66	Regular
GrowlSax		0	118	67	Regular
Saxophone		104	0	67	Sweet!
TenorSax		0	112	67	Regular
SaxStack		0	124	67	Regular
SaxyMood		0	120	67	Regular
Flute		0	112	74	Regular
Oboe		0	112	69	Regular
Clarinet		0	112	72	Regular
Bassoon		0	112	71	Regular
WoodwindsEns		0	113	67	Regular
ChiffPanFlute		0	113	74	Regular
EthnicFlute		0	112	76	Regular
Choir&Pad		AirChoir	0	112	55
	Choir	0	112	53	Regular
	UuhChoir	0	115	53	Regular
	Voices	0	113	55	Regular
	VoxHumana	0	112	54	Regular
	AngelVibes	0	114	99	Regular
	Area51	0	112	90	Regular
	Atmosphere	0	112	100	Regular
	DarkMoon	0	113	90	Regular
	DigitalPad	0	115	94	Regular
	Disclosure	0	116	90	Regular
	Dunes	0	114	90	Regular
	DXPad	0	112	93	Regular
	Equinox	0	112	95	Regular
	EveningStars	0	117	102	Regular
	Fantasia	0	112	89	Regular
	FarEast	0	112	98	Regular
	GlassPad	0	114	94	Regular
	HahPad	0	116	95	Regular
	Ionosphere	0	115	95	Regular
	Messenger	0	116	96	Regular
	Millennium	0	117	89	Regular
	Mystery	0	113	98	Regular
	PsychoPad	0	118	102	Regular
	S&HGroove	0	115	102	Regular
	Sirius	0	114	102	Regular
	Stargate	0	114	89	Regular
	Sunbeam	0	123	89	Regular
	Symbiont	0	113	89	Regular
	VelocityAshrami	0	116	102	Regular
	Wave2001	0	112	96	Regular
	XenonPad	0	112	92	Regular
	Synth	Adrenaline	0	113	85
AeroLead		0	112	84	Regular
Analogon		0	115	82	Regular
Attack		104	4	82	Regular
AttackSaw		0	126	82	Regular
BigLead		0	113	82	Regular

Sub Category	Voice Name	Program Change			Voice Type
		MSB	LSB	PC# (1-128)	
Synth	BigTune	0	118	90	Regular
	Blaster	0	114	82	Regular
	BleepLead	104	0	85	Regular
	BrassHit	0	113	56	Regular
	BrassyLead	104	5	63	Regular
	BrightMini	0	125	81	Regular
	ChorusSawLead	104	10	82	Regular
	CrystalEyes	0	125	89	Regular
	Fargo	0	119	82	Regular
	FireWire	0	116	82	Regular
	FlangeFilter	104	2	82	Regular
	FunkyLead	0	121	82	Regular
	FusionLead	104	15	82	Regular
	HiBias	0	116	81	Regular
	HipLead	0	113	81	Regular
	HopLead	0	117	81	Regular
	Impact	0	113	88	Regular
	LFOPad	0	104	102	Regular
	LFOSync1	0	108	102	Regular
	LFOSync2	0	107	102	Regular
	LFOSync3	0	109	102	Regular
	LFOSync4	0	106	102	Regular
	LFOSync5	0	105	102	Regular
	MelodyMaker	0	117	90	Regular
	MiniLead	0	114	81	Regular
	Nomad	104	1	105	Regular
	OrbitSine	0	126	81	Regular
	Padbells	0	126	89	Regular
	PanLead	0	122	81	Regular
	Paraglide	0	114	85	Regular
	PercSquare	0	123	81	Regular
	PopLead	0	120	81	Regular
	Portatone	0	112	85	Regular
	ProLead	0	113	84	Regular
	ResonantClavi	104	2	91	Regular
	Robolead	0	124	82	Regular
	SawLead	0	112	82	Regular
	SoftMini	0	124	81	Regular
	SoftSaw	104	16	82	Regular
	SquareLead	0	112	81	Regular
	Stardust	0	112	99	Regular
	StringBells	0	124	89	Regular
	SubLead	104	0	81	Regular
SunBell	0	113	99	Regular	
TalkModLead	104	0	88	Regular	
TechGlide	104	14	82	Regular	
TechLead	0	117	85	Regular	
Tekkline	0	116	85	Regular	
TinyLead	0	118	81	Regular	
TranceLead	0	121	81	Regular	
TrumpetSaw	0	125	82	Regular	
UnderHeim	0	112	88	Regular	
VinylLead	0	115	81	Regular	
Warp	0	117	82	Regular	
DrumKit	ArabicKit1	126	0	37	SFX
	ArabicKit2	126	0	36	SFX
	KhaligiKit	126	0	38	SFX
	IranianKit	126	0	39	SFX
	StandardKit1	127	0	1	Live!Drums
	StandardKit2	127	0	2	Live!Drums
	RockKit	127	0	17	Drums
Oriental	AccordionOR	0	124	22	Regular
	Gerba	0	117	112	Regular
	GerbaChorus	0	121	112	Regular
	AlBadou	0	120	112	Regular
	Argoul	0	118	112	Regular
	Balaban	104	5	71	Sweet!
	BalabanSoft	104	2	71	Sweet!
	BalabanStrong	104	3	71	Sweet!
	BalabanSwellSoft	104	4	71	Sweet!
	BalabanSwellStrong	104	6	71	Sweet!
	Chabbabi	104	6	78	Regular
Dosaleh	0	112	112	Regular	
KavalTrill	104	26	74	Sweet!	

Category: Legacy

Sub Category	Voice Name	Program Change			Voice Type
		MSB	LSB	PC# (1-128)	
Oriental	Kawala1	104	7	78	Regular
	Kawala2	104	9	78	Sweet!
	Kawala3	0	113	78	Sweet!
	Mejwiz	104	0	112	Regular
	Menjayra	104	3	78	Regular
	MenjayraOverblow	104	4	78	Regular
	Mijwez	0	115	112	Regular
	Mizmar1	104	1	112	Regular
	Mizmar2	0	116	112	Regular
	MizmarOctave	0	119	112	Regular
	MizmarTrill	104	2	112	Regular
	Mizwed	104	3	112	Regular
	MizwedGrace	104	4	112	Regular
	Nay1	104	11	78	Regular
	Nay2	0	114	78	Regular
	Nay3	0	115	78	Regular
	NayFlutter	104	1	78	Sweet!
	NayOverblow	104	2	78	Sweet!
	Nay	104	0	78	Sweet!
	NayTakasim	0	116	78	Regular
	NeyGrace	104	24	74	Regular
	NeyAnbaban	104	10	112	Regular
	NeyAnbanTrill	104	9	112	Regular
	Sorna1	0	122	112	Regular
	Sorna2	0	113	112	Regular
	Surnay	0	114	112	Regular
	TulumTremolo	104	12	112	Regular
	Zokra	104	5	112	Regular
	ZokraTrill	104	6	112	Regular
	Zurna	104	7	112	Regular
	ZurnaTrill	104	8	112	Regular
	Awtar1	0	117	106	Regular
	Awtar2	0	118	106	Regular
	AzeriTarSoft	104	16	106	Regular
	AzeriTarStrong	104	17	106	Regular
	BaghlamaSoft	104	12	106	Regular
	BaghlamaStrong	104	13	106	Regular
	Baglamas	0	116	106	Regular
	AkustikBaglamaTrem	104	41	106	Regular
	EsikAltiBaglamaTrem	104	42	106	Regular
	ElektroBaglamaTrem	104	15	81	Regular
	Bouzouk	0	122	26	Regular
	Bouzouki	0	123	26	Regular
	Oud1	104	1	106	Regular
	Oud2	0	113	106	Regular
	OudTremolo	0	115	106	Regular
	UdTremolo	104	43	106	Regular
	Saz	0	121	26	Regular
	Sentir	104	3	33	Regular
	Tar1	104	6	106	Regular
	Tar2	0	114	106	Regular
	TarSoft	104	9	106	Regular
	TarStrong	104	8	106	Regular
	TarTremolo1	104	7	106	Regular
	TarTremolo2	104	44	106	Regular
	Wtar	104	4	106	Regular
	WtarSlap	104	3	106	Regular
	WtarTremolo	104	5	106	Regular
	KabakKemaneGrace	104	12	111	Regular
	Kamancheh1	104	8	111	Live!
Kamancheh2	104	11	111	Live!	
KamanchehGrace	104	9	111	Live!	
KamanchehPizzicato	104	0	46	Live!	
KamanchehSoft	104	1	111	Live!	
KamanchehStrong	104	2	111	Live!	
KamanchehTrill	104	10	111	Live!	
KamanchehVibrato	104	0	111	Live!	
Kamanche	0	114	41	Regular	
Rababa	0	115	41	Regular	
Kanoun1	104	0	108	Regular	
Kanoun2	0	113	108	Regular	
KanounOctave	0	114	108	Regular	
KanunTremolo	104	10	108	Regular	
Santoor	0	113	16	Regular	

Sub Category	Voice Name	Program Change			Voice Type
		MSB	LSB	PC# (1-128)	
Oriental	Santur	104	2	16	Regular
	SanturTremolo	104	3	16	Regular
	Santuri	0	114	16	Regular
	PizzicatoOctave	0	114	46	Regular
	Watariyat1	0	125	49	Regular
	Watariyat2	0	126	49	Regular
	Watariyat3	0	127	49	Regular
	Yayli	104	18	49	Regular
	GrupYayliStaccato	104	19	49	Regular
	Brass1	0	124	63	Regular
	Brass2	0	122	63	Regular
	Brass3	0	123	63	Regular
	Solo1	0	111	81	Regular
	Solo2	0	110	81	Regular
	Solo3	0	109	81	Regular
	Solo4	0	108	81	Regular
	Solo5	0	107	81	Regular

Category: MegaVoices

Sub Category	Voice Name	Program Change			Voice Type
		MSB	LSB	PC# (1-128)	
Guitar	NylonGuitar	8	0	1	MegaVoice
	12StringGuitar	8	1	3	MegaVoice
	HiStringGuitar	8	0	3	MegaVoice
	SteelGuitar	8	0	2	MegaVoice
	CleanGuitar	8	0	4	MegaVoice
	SingleCoilGuitar	8	3	4	MegaVoice
	SolidGuitar1	8	1	4	MegaVoice
	SolidGuitar2	8	2	4	MegaVoice
	JazzGuitar	8	0	7	MegaVoice
	DistortionGuitar	8	0	6	MegaVoice
OverdriveGuitar	8	0	5	MegaVoice	
Bass	AcousticBass	8	0	17	MegaVoice
	ElectricBass	8	0	18	MegaVoice
	PickBass	8	0	19	MegaVoice
	VintageFlat	8	2	18	MegaVoice
	VintagePick	8	1	19	MegaVoice
	VintageRound	8	1	18	MegaVoice
	FretlessBass	8	0	20	MegaVoice
Strings	LargeStrings	8	0	50	MegaVoice
	SmallStrings	8	0	49	MegaVoice
Brass	Trumpet	8	0	65	MegaVoice
	Brass	8	0	57	MegaVoice
Woodwind	TenorSax	8	0	83	MegaVoice

Category: GM&XG

Sub Category	Voice Name	Program Change			Voice Type	
		MSB	LSB	PC# (1-128)		
Piano	GrandPiano	0	0	1	Regular	
	GrandPiano KSP	0	1	1	Regular	
	MellowGrandPiano	0	18	1	Regular	
	PianoStrings	0	40	1	Regular	
	Dream	0	41	1	Regular	
	BrightPiano	0	0	2	Regular	
	BrightPiano KSP	0	1	2	Regular	
	EI.GrandPiano	0	0	3	Regular	
	EI.GrandPiano KSP	0	1	3	Regular	
	DetunedCP80	0	32	3	Regular	
	LayeredCP1	0	40	3	Regular	
	LayeredCP2	0	41	3	Regular	
	Honkytonk	0	0	4	Regular	
	Honkytonk KSP	0	1	4	Regular	
	ElectricPiano1	0	0	5	Regular	
	ElectricPiano1 KSP	0	1	5	Regular	
	MellowElectricPiano	0	18	5	Regular	
	ChorusEP1	0	32	5	Regular	
	HardElectricPiano	0	40	5	Regular	
	VXfadeEI.Piano1	0	45	5	Regular	
	60sElectricPiano1	0	64	5	Regular	
	ElectricPiano2	0	0	6	Regular	
	ElectricPiano2 KSP	0	1	6	Regular	
	ChorusEP2	0	32	6	Regular	
	DXEPHard	0	33	6	Regular	
	DXLegend	0	34	6	Regular	
	DXPhaseEP	0	40	6	Regular	
	DX+AnalogEP	0	41	6	Regular	
	DXKotoEP	0	42	6	Regular	
	VXfadeEI.Piano2	0	45	6	Regular	
	Harpsichord	0	0	7	Regular	
	Harpsichord KSP	0	1	7	Regular	
	Harpsichord2	0	25	7	Regular	
	Harpsichord3	0	35	7	Regular	
	Clavi	0	0	8	Regular	
	Clavi KSP	0	1	8	Regular	
	ClaviWah	0	27	8	Regular	
	PulseClavi	0	64	8	Regular	
	PierceClavi	0	65	8	Regular	
	ChromaticPerc	Celesta	0	0	9	Regular
		Glockenspiel	0	0	10	Regular
		MusicBox	0	0	11	Regular
		MusicBox2	0	64	11	Regular
		Vibraphone	0	0	12	Regular
		Vibraphone KSP	0	1	12	Regular
		HardVibes	0	45	12	Regular
		Marimba	0	0	13	Regular
		Marimba KSP	0	1	13	Regular
		SineMarimba	0	64	13	Regular
		Balimba	0	97	13	Regular
		LogDrums	0	98	13	Regular
		Xylophone	0	0	14	Regular
		TubularBells	0	0	15	Regular
		ChurchBells	0	96	15	Regular
		Carillon	0	97	15	Regular
Dulcimer		0	0	16	Regular	
Dulcimer2		0	35	16	Regular	
Cimbalom		0	96	16	Regular	
Santur		0	97	16	Regular	
Organ	DrawbarOrgan	0	0	17	Regular	
	DetunedDrawOrgan	0	32	17	Regular	
	60sDrawbarOrgan1	0	33	17	Regular	
	60sDrawbarOrgan2	0	34	17	Regular	
	70sDrawbarOrgan1	0	35	17	Regular	
	DrawbarOrgan2	0	36	17	Regular	
	60sDrawbarOrgan3	0	37	17	Regular	
	EvenBarOrgan	0	38	17	Regular	
	16+2'2_3Organ	0	40	17	Regular	
	OrganBass	0	64	17	Regular	
	70sDrawbarOrgan2	0	65	17	Regular	
	CheezyOrgan	0	66	17	Regular	
	DrawbarOrgan3	0	67	17	Regular	
	PercussiveOrgan1	0	0	18	Regular	
	70sPercussiveOrgan1	0	24	18	Regular	

Category: GM&XG

Sub Category	Voice Name	Program Change			Voice Type	
		MSB	LSB	PC# (1-128)		
Organ	DetunedPercOrgan	0	32	18	Regular	
	LightOrgan	0	33	18	Regular	
	PercussiveOrgan2	0	37	18	Regular	
	RockOrgan	0	0	19	Regular	
	RotaryOrgan	0	64	19	Regular	
	SlowRotary	0	65	19	Regular	
	FastRotary	0	66	19	Regular	
	ChurchOrgan	0	0	20	Regular	
	ChurchOrgan3	0	32	20	Regular	
	ChurchOrgan2	0	35	20	Regular	
	NotreDame	0	40	20	Regular	
	OrganFlute	0	64	20	Regular	
	TremoloOrganFlute	0	65	20	Regular	
	ReedOrgan	0	0	21	Regular	
	PuffOrgan	0	40	21	Regular	
	Accordion	0	0	22	Regular	
	Accordion Italian	0	32	22	Regular	
	Harmonica	0	0	23	Regular	
	Harmonica2	0	32	23	Regular	
	TangoAccordion	0	0	24	Regular	
	TangoAccordion2	0	64	24	Regular	
	Guitar	NylonGuitar	0	0	25	Regular
		NylonGuitar2	0	16	25	Regular
NylonGuitar3		0	25	25	Regular	
VelocityGtHarmo		0	43	25	Regular	
Ukulele		0	96	25	Regular	
SteelGuitar		0	0	26	Regular	
SteelGuitar2		0	16	26	Regular	
12StrGuitar		0	35	26	Regular	
Nylon&Steel		0	40	26	Regular	
Steel&Body		0	41	26	Regular	
Mandolin		0	96	26	Regular	
JazzGuitar		0	0	27	Regular	
MellowGuitar		0	18	27	Regular	
JazzAmp		0	32	27	Regular	
CleanGuitar		0	0	28	Regular	
ChorusGuitar		0	32	28	Regular	
MutedGuitar		0	0	29	Regular	
FunkGuitar1		0	40	29	Regular	
MuteSteelGuitar		0	41	29	Regular	
FunkGuitar2		0	43	29	Regular	
JazzMan		0	45	29	Regular	
Overdriven		0	0	30	Regular	
GuitarPinch		0	43	30	Regular	
DistortionGuitar		0	0	31	Regular	
FeedbackGuitar		0	40	31	Regular	
FeedbackGuitar2		0	41	31	Regular	
GuitarHarmonics		0	0	32	Regular	
GuitarFeedback		0	65	32	Regular	
GuitarHarmonics2		0	66	32	Regular	
Bass		AcousticBass	0	0	33	Regular
	JazzRhythm	0	40	33	Regular	
	VXUprghtBass	0	45	33	Regular	
	FingerBass	0	0	34	Regular	
	FingerBassDark	0	18	34	Regular	
	FlangeBass	0	27	34	Regular	
	Bass&DistortionEG	0	40	34	Regular	
	FingerSlapBass	0	43	34	Regular	
	FingerBass2	0	45	34	Regular	
	ModulatedBass	0	65	34	Regular	
	PickBass	0	0	35	Regular	
	MutePickBass	0	28	35	Regular	
	FretlessBass	0	0	36	Regular	
	FretlessBass2	0	32	36	Regular	
	FretlessBass3	0	33	36	Regular	
	FretlessBass4	0	34	36	Regular	
	SynthFretless	0	96	36	Regular	
	SmthFretless	0	97	36	Regular	
	SlapBass1	0	0	37	Regular	
	ResonantSlap	0	27	37	Regular	
	PunchThumb	0	32	37	Regular	
	SlapBass2	0	0	38	Regular	
	VelocitySwitchSlap	0	43	38	Regular	
	SynthBass1	0	0	39	Regular	

Sub Category	Voice Name	Program Change			Voice Type	
		MSB	LSB	PC# (1-128)		
Bass	SynthBass1 Dark	0	18	39	Regular	
	FastResonantBass	0	20	39	Regular	
	AcidBass	0	24	39	Regular	
	ClaviBass	0	35	39	Regular	
	TechnoBass	0	40	39	Regular	
	Orbiter	0	64	39	Regular	
	SquareBass	0	65	39	Regular	
	RubberBass	0	66	39	Regular	
	Hammer	0	96	39	Regular	
	SynthBass2	0	0	40	Regular	
	MellowSynthBass	0	6	40	Regular	
	SequenceBass	0	12	40	Regular	
	ClickSynthBass	0	18	40	Regular	
	SynthBass2 Dark	0	19	40	Regular	
	SmoothSynthBass	0	32	40	Regular	
	ModulrSynthBass	0	40	40	Regular	
	DXBass	0	41	40	Regular	
	XWireBass	0	64	40	Regular	
	Strings	Violin	0	0	41	Regular
		SlowAttackViolin	0	8	41	Regular
		Viola	0	0	42	Regular
		Cello	0	0	43	Regular
		Contrabass	0	0	44	Regular
TremoloStrings		0	0	45	Regular	
SlwAtkTremStrings		0	8	45	Regular	
SuspenseStrings		0	40	45	Regular	
PizzicatoStrings		0	0	46	Regular	
OrchestralHarp		0	0	47	Regular	
YangQin		0	40	47	Regular	
Timpani	0	0	48	Regular		
Ensemble	Strings1	0	0	49	Regular	
	StereoStrings	0	3	49	Regular	
	SlwAttackStrings	0	8	49	Regular	
	ArcoStrings	0	24	49	Regular	
	60sStrings	0	35	49	Regular	
	Orchestra	0	40	49	Regular	
	Orchestra2	0	41	49	Regular	
	TremoloOrchestra	0	42	49	Regular	
	VelocityStrings	0	45	49	Regular	
	Strings2	0	0	50	Regular	
	StereoSlowStrings	0	3	50	Regular	
	LegatoStrings	0	8	50	Regular	
	WarmStrings	0	40	50	Regular	
	Kingdom	0	41	50	Regular	
	70sStrings	0	64	50	Regular	
	Strings3	0	65	50	Regular	
	SynthStrings1	0	0	51	Regular	
	ResonantStrings	0	27	51	Regular	
	SynthStrings4	0	64	51	Regular	
	SynthStrings5	0	65	51	Regular	
	SynthStrings2	0	0	52	Regular	
	ChoirAahs	0	0	53	Regular	
	StereoChoir	0	3	53	Regular	
ChoirAahs2	0	16	53	Regular		
MellowChoir	0	32	53	Regular		
ChoirStrings	0	40	53	Regular		
VoiceOohs	0	0	54	Regular		
SynthVoice	0	0	55	Regular		
SynthVoice2	0	40	55	Regular		
Choral	0	41	55	Regular		
AnalogVoice	0	64	55	Regular		
OrchestralHit	0	0	56	Regular		
OrchestralHit2	0	35	56	Regular		
Impact	0	64	56	Regular		
Brass	Trumpet	0	0	57	Regular	
	Trumpet2	0	16	57	Regular	
	BrightTrumpet	0	17	57	Regular	
	WarmTrumpet	0	32	57	Regular	
	Trombone	0	0	58	Regular	
	Trombone2	0	18	58	Regular	
	Tuba	0	0	59	Regular	
	Tuba2	0	16	59	Regular	
	MutedTrumpet	0	0	60	Regular	
	FrenchHorn	0	0	61	Regular	

Category: GM&XG

Sub Category	Voice Name	Program Change			Voice Type
		MSB	LSB	PC# (1-128)	
Brass	FrenchHornSolo	0	6	61	Regular
	FrenchHorn2	0	32	61	Regular
	HornOrchestra	0	37	61	Regular
	BrassSection	0	0	62	Regular
	Tp&TbSection	0	35	62	Regular
	BrassSection2	0	40	62	Regular
	HighBrass	0	41	62	Regular
	MellowBrass	0	42	62	Regular
	SynthBrass1	0	0	63	Regular
	QuackBrass	0	12	63	Regular
	ResoSynthBrass	0	20	63	Regular
	PolyBrass	0	24	63	Regular
	SynthBrass3	0	27	63	Regular
	JumpBrass	0	32	63	Regular
	AnalogVeloBrass1	0	45	63	Regular
	AnalogBrass1	0	64	63	Regular
	SynthBrass2	0	0	64	Regular
	SoftBrass	0	18	64	Regular
	SynthBrass4	0	40	64	Regular
	ChoirBrass	0	41	64	Regular
AnalogVeloBrass2	0	45	64	Regular	
AnalogBrass2	0	64	64	Regular	
Reed	SopranoSax	0	0	65	Regular
	AltoSax	0	0	66	Regular
	SaxSection	0	40	66	Regular
	HyperAltoSax	0	43	66	Regular
	TenorSax	0	0	67	Regular
	BreathyTenor	0	40	67	Regular
	SoftTenorSax	0	41	67	Regular
	TenorSax2	0	64	67	Regular
	BaritoneSax	0	0	68	Regular
	Oboe	0	0	69	Regular
	EnglishHorn	0	0	70	Regular
	Bassoon	0	0	71	Regular
	Clarinet	0	0	72	Regular
Pipe	Piccolo	0	0	73	Regular
	Flute	0	0	74	Regular
	Recorder	0	0	75	Regular
	PanFlute	0	0	76	Regular
	BlownBottle	0	0	77	Regular
	Shakuhachi	0	0	78	Regular
	Whistle	0	0	79	Regular
	Ocarina	0	0	80	Regular
Synth.Lead	SquareLead	0	0	81	Regular
	SquareLead2	0	6	81	Regular
	LMSquare	0	8	81	Regular
	Hollow	0	18	81	Regular
	Shroud	0	19	81	Regular
	Mellow	0	64	81	Regular
	SoloSine	0	65	81	Regular
	SineLead	0	66	81	Regular
	SawtoothLead	0	0	82	Regular
	SawtoothLead2	0	6	82	Regular
	ThickSaw	0	8	82	Regular
	DynamicSaw	0	18	82	Regular
	DigitalSaw	0	19	82	Regular
	BigLead	0	20	82	Regular
	HeavySynth	0	24	82	Regular
	WaspySynth	0	25	82	Regular
	PulseSaw	0	40	82	Regular
	Dr.Lead	0	41	82	Regular
	VelocityLead	0	45	82	Regular
	SequencedAnalog	0	96	82	Regular
	CalliopeLead	0	0	83	Regular
	PureLead	0	65	83	Regular
	ChiffLead	0	0	84	Regular
	Rubby	0	64	84	Regular
	CharangLead	0	0	85	Regular
	DistortedLead	0	64	85	Regular
	WireLead	0	65	85	Regular
	VoiceLead	0	0	86	Regular
	SynthAahs	0	24	86	Regular
	VoxLead	0	64	86	Regular
	FifthsLead	0	0	87	Regular

Sub Category	Voice Name	Program Change			Voice Type
		MSB	LSB	PC# (1-128)	
Synth.Lead	BigFive	0	35	87	Regular
	Bass&Lead	0	0	88	Regular
	Big&Low	0	16	88	Regular
	Fat&Perky	0	64	88	Regular
	SoftWhirl	0	65	88	Regular
Synth.Pad	NewAgePad	0	0	89	Regular
	Fantasy	0	64	89	Regular
	WarmPad	0	0	90	Regular
	ThickPad	0	16	90	Regular
	SoftPad	0	17	90	Regular
	SinePad	0	18	90	Regular
	HornPad	0	64	90	Regular
	RotaryStrings	0	65	90	Regular
	PolySynthPad	0	0	91	Regular
	PolyPad80	0	64	91	Regular
	ClickPad	0	65	91	Regular
	AnalogPad	0	66	91	Regular
	SquarePad	0	67	91	Regular
	ChoirPad	0	0	92	Regular
	Heaven	0	64	92	Regular
	Itopia	0	66	92	Regular
	CCPad	0	67	92	Regular
	BowedPad	0	0	93	Regular
	Glacier	0	64	93	Regular
	GlassPad	0	65	93	Regular
	MetallicPad	0	0	94	Regular
	TinePad	0	64	94	Regular
	PanPad	0	65	94	Regular
	HaloPad	0	0	95	Regular
	SweepPad	0	0	96	Regular
	Shwimmer	0	20	96	Regular
	Converge	0	27	96	Regular
PolarPad	0	64	96	Regular	
Celestial	0	66	96	Regular	
Rain	0	0	97	Regular	
Synth.Effect	ClaviPad	0	45	97	Regular
	HarmoRain	0	64	97	Regular
	AfricanWind	0	65	97	Regular
	Carib	0	66	97	Regular
	SoundTrack	0	0	98	Regular
	Prologue	0	27	98	Regular
	Ancestral	0	64	98	Regular
	Crystal	0	0	99	Regular
	SynthDrumComp	0	12	99	Regular
	Popcorn	0	14	99	Regular
	TinyBells	0	18	99	Regular
	RoundGlocken	0	35	99	Regular
	GlockenChime	0	40	99	Regular
	ClearBells	0	41	99	Regular
	ChorusBells	0	42	99	Regular
	SynthMallet	0	64	99	Regular
	SoftCrystal	0	65	99	Regular
	LoudGlocken	0	66	99	Regular
	ChristmasBells	0	67	99	Regular
	VibraphoneBells	0	68	99	Regular
	DigitalBells	0	69	99	Regular
	AirBells	0	70	99	Regular
	BellHarp	0	71	99	Regular
	Gamelimba	0	72	99	Regular
	Atmosphere	0	0	100	Regular
	WarmAtmosphere	0	18	100	Regular
	HollwRelease	0	19	100	Regular
	NylonElectricPiano	0	40	100	Regular
	NylonHarp	0	64	100	Regular
	HarpVox	0	65	100	Regular
	AtmospherePad	0	66	100	Regular
	Planet	0	67	100	Regular
	Brightness	0	0	101	Regular
FantasyBells	0	64	101	Regular	
Smokey	0	96	101	Regular	
Goblins	0	0	102	Regular	
GoblinsSynth	0	64	102	Regular	
Creepier	0	65	102	Regular	
RingPad	0	66	102	Regular	

Category: GM&XG

Sub Category	Voice Name	Program Change			Voice Type
		MSB	LSB	PC# (1-128)	
Synth Effect	Ritual	0	67	102	Regular
	ToHeaven	0	68	102	Regular
	Night	0	70	102	Regular
	Glisten	0	71	102	Regular
	BellChoir	0	96	102	Regular
	Echoes	0	0	103	Regular
	Echoes2	0	8	103	Regular
	EchoPan	0	14	103	Regular
	EchoBells	0	64	103	Regular
	BigPan	0	65	103	Regular
	SynthPiano	0	66	103	Regular
	Creation	0	67	103	Regular
	Stardust	0	68	103	Regular
	Resonant&Panning	0	69	103	Regular
	ScienceFiction	0	0	104	Regular
	Starz	0	64	104	Regular
Ethnic	Sitar	0	0	105	Regular
	DetunedSitar	0	32	105	Regular
	Sitar2	0	35	105	Regular
	Tambra	0	96	105	Regular
	Tamboura	0	97	105	Regular
	Banjo	0	0	106	Regular
	MutedBanjo	0	28	106	Regular
	Rabab	0	96	106	Regular
	Gopichant	0	97	106	Regular
	Oud	0	98	106	Regular
	Shamisen	0	0	107	Regular
	Koto	0	0	108	Regular
	Taisho-kin	0	96	108	Regular
	Kanoon	0	97	108	Regular
	Kalimba	0	0	109	Regular
	Bagpipe	0	0	110	Regular
	Fiddle	0	0	111	Regular
	Shanai	0	0	112	Regular
	Shanai2	0	64	112	Regular
	Pungi	0	96	112	Regular
Hichiriki	0	97	112	Regular	
Percussive	TinkleBell	0	0	113	Regular
	Bonang	0	96	113	Regular
	Altair	0	97	113	Regular
	GamelanGongs	0	98	113	Regular
	StereoGamlan	0	99	113	Regular
	RamaCymbal	0	100	113	Regular
	AsianBells	0	101	113	Regular
	Agogo	0	0	114	Regular
	SteelDrums	0	0	115	Regular
	GlassPercussion	0	97	115	Regular
	ThaiBells	0	98	115	Regular
	Woodblock	0	0	116	Regular
	Castanets	0	96	116	Regular
	TaikoDrum	0	0	117	Regular
	GranCassa	0	96	117	Regular
	MelodicTom	0	0	118	Regular
	MelodicTom2	0	64	118	Regular
	RealTom	0	65	118	Regular
	RockTom	0	66	118	Regular
	SynthDrum	0	0	119	Regular
	AnalogTom	0	64	119	Regular
	ElectroPercussion	0	65	119	Regular
	ReverseCymbal	0	0	120	Regular
SoundEffect	GuitarFretNoise	0	0	121	Regular
	BreathNoise	0	0	122	Regular
	Seashore	0	0	123	Regular
	BirdTweet	0	0	124	Regular
	TelephoneRing	0	0	125	Regular
	Helicopter	0	0	126	Regular
	Applause	0	0	127	Regular
	Gunshot	0	0	128	Regular
	CuttingNoise	64	0	1	Regular
	CuttingNoise2	64	0	2	Regular
	StringSlap	64	0	4	Regular
	FluteKeyClick	64	0	17	Regular
	Shower	64	0	33	Regular
Thunder	64	0	34	Regular	

Sub Category	Voice Name	Program Change			Voice Type
		MSB	LSB	PC# (1-128)	
SoundEffect	Wind	64	0	35	Regular
	Stream	64	0	36	Regular
	Bubble	64	0	37	Regular
	Feed	64	0	38	Regular
	Dog	64	0	49	Regular
	Horse	64	0	50	Regular
	BirdTweet2	64	0	51	Regular
	Ghost	64	0	55	Regular
	Maou	64	0	56	Regular
	PhoneCall	64	0	65	Regular
	DoorSqueak	64	0	66	Regular
	DoorSlam	64	0	67	Regular
	ScratchCut	64	0	68	Regular
	ScratchSplit	64	0	69	Regular
	WindChime	64	0	70	Regular
	TelephoneRing2	64	0	71	Regular
	CarEngineIgn	64	0	81	Regular
	CarTiresSql	64	0	82	Regular
	CarPassing	64	0	83	Regular
	CarCrash	64	0	84	Regular
	Siren	64	0	85	Regular
	Train	64	0	86	Regular
	JetPlane	64	0	87	Regular
	Starship	64	0	88	Regular
	Burst	64	0	89	Regular
	RollerCoaster	64	0	90	Regular
	Submarine	64	0	91	Regular
	Laugh	64	0	97	Regular
	Scream	64	0	98	Regular
	Punch	64	0	99	Regular
	Heartbeat	64	0	100	Regular
	FootSteps	64	0	101	Regular
MachineGun	64	0	113	Regular	
LaserGun	64	0	114	Regular	
Explosion	64	0	115	Regular	
Firework	64	0	116	Regular	

Category: GM2

Sub Category	Voice Name	Program Change			Voice Type	
		MSB	LSB	PC# (1-128)		
Piano	GrandPiano	121	0	1	Regular	
	GrandPiano Wide	121	1	1	Regular	
	GrandPiano Dark	121	2	1	Regular	
	BrightPiano	121	0	2	Regular	
	BrightPiano Wide	121	1	2	Regular	
	El.GrandPiano	121	0	3	Regular	
	El.GrandPiano Wide	121	1	3	Regular	
	Honkytonk	121	0	4	Regular	
	Honkytonk Wide	121	1	4	Regular	
	ElectricPiano1	121	0	5	Regular	
	DetunedEP1	121	1	5	Regular	
	EP1 VelocityMix	121	2	5	Regular	
	60sElectricPiano	121	3	5	Regular	
	ElectricPiano2	121	0	6	Regular	
	DetunedEP2	121	1	6	Regular	
	EP2 VelocityMix	121	2	6	Regular	
	EPLegend	121	3	6	Regular	
	EPPhase	121	4	6	Regular	
	Harpsichord	121	0	7	Regular	
	Harpsi OctaveMix	121	1	7	Regular	
	Harpsichord Wide	121	2	7	Regular	
	Harpsi KeyOff	121	3	7	Regular	
	Clavi	121	0	8	Regular	
	PulseClavi	121	1	8	Regular	
	ChromaticPerc	Celesta	121	0	9	Regular
		Glockenspiel	121	0	10	Regular
		MusicBox	121	0	11	Regular
		Vibraphone	121	0	12	Regular
Vibraphone Wide		121	1	12	Regular	
Marimba		121	0	13	Regular	
Marimba Wide		121	1	13	Regular	
Xylophone		121	0	14	Regular	
TubularBells		121	0	15	Regular	
ChurchBells		121	1	15	Regular	
Carillon		121	2	15	Regular	
Dulcimer		121	0	16	Regular	
Organ		DrawbarOrgan	121	0	17	Regular
		DetunedDrawOrgan	121	1	17	Regular
	Italian60sOrgan	121	2	17	Regular	
	DrawbarOrgan2	121	3	17	Regular	
	PercussiveOrgan1	121	0	18	Regular	
	DetunedPercOrgan	121	1	18	Regular	
	PercussiveOrgan2	121	2	18	Regular	
	RockOrgan	121	0	19	Regular	
	ChurchOrgan	121	0	20	Regular	
	ChurchOrgan Octave	121	1	20	Regular	
	DetunedChurchOrgan	121	2	20	Regular	
	ReedOrgan	121	0	21	Regular	
	PuffOrgan	121	1	21	Regular	
	Accordion	121	0	22	Regular	
	Accordion2	121	1	22	Regular	
	Harmonica	121	0	23	Regular	
TangoAccordion	121	0	24	Regular		
Guitar	NylonGuitar	121	0	25	Regular	
	Ukulele	121	1	25	Regular	
	NylonGuitar KeyOff	121	2	25	Regular	
	NylonGuitar2	121	3	25	Regular	
	SteelGuitar	121	0	26	Regular	
	12StrGuitar	121	1	26	Regular	
	Mandolin	121	2	26	Regular	
	Steel&Body	121	3	26	Regular	
	JazzGuitar	121	0	27	Regular	
	PedalSteelGuitar	121	1	27	Regular	
	CleanGuitar	121	0	28	Regular	
	DetunedCleanGuitar	121	1	28	Regular	
	MidToneGuitar	121	2	28	Regular	
	MutedGuitar	121	0	29	Regular	
	FunkGuitar	121	1	29	Regular	
	MutedVeloSwGuitar	121	2	29	Regular	
	JazzMan	121	3	29	Regular	
	Overdriven	121	0	30	Regular	
	GuitarPinch	121	1	30	Regular	
	Distortion	121	0	31	Regular	
	FeedbackGuitar	121	1	31	Regular	

Sub Category	Voice Name	Program Change			Voice Type
		MSB	LSB	PC# (1-128)	
Guitar	DistortionRhythmGt	121	2	31	Regular
	GuitarHarmonics	121	0	32	Regular
	GuitarFeedback	121	1	32	Regular
Bass	AcousticBass	121	0	33	Regular
	FingerBass	121	0	34	Regular
	FingerSlapBass	121	1	34	Regular
	PickBass	121	0	35	Regular
	FretlessBass	121	0	36	Regular
	SlapBass1	121	0	37	Regular
	SlapBass2	121	0	38	Regular
	SynthBass1	121	0	39	Regular
	WarmSyBass	121	1	39	Regular
	ResoSynthBass	121	2	39	Regular
	ClaviBass	121	3	39	Regular
	Hammer	121	4	39	Regular
	SynthBass2	121	0	40	Regular
	AttackBass	121	1	40	Regular
	RubberBass	121	2	40	Regular
	AttackPulse	121	3	40	Regular
Strings	Violin	121	0	41	Regular
	SlowAttackViolin	121	1	41	Regular
	Viola	121	0	42	Regular
	Cello	121	0	43	Regular
	Contrabass	121	0	44	Regular
	TremoloStrings	121	0	45	Regular
	PizzicatoStrings	121	0	46	Regular
	OrchestralHarp	121	0	47	Regular
	YangQin	121	1	47	Regular
	Timpani	121	0	48	Regular
Ensemble	Strings1	121	0	49	Regular
	StringsBrass	121	1	49	Regular
	60sStrings	121	2	49	Regular
	Strings2	121	0	50	Regular
	SynthStrings1	121	0	51	Regular
	SynthStrings3	121	1	51	Regular
	SynthStrings2	121	0	52	Regular
	ChoirAahs	121	0	53	Regular
	ChoirAahs2	121	1	53	Regular
	VoiceOohs	121	0	54	Regular
	Humming	121	1	54	Regular
	SynthVoice	121	0	55	Regular
	AnalogVoice	121	1	55	Regular
	OrchestralHit	121	0	56	Regular
BassHitPlus	121	1	56	Regular	
6thHit	121	2	56	Regular	
EuroHit	121	3	56	Regular	
Brass	Trumpet	121	0	57	Regular
	DarkTrumpetSoft	121	1	57	Regular
	Trombone	121	0	58	Regular
	Trombone2	121	1	58	Regular
	BrightTrombone	121	2	58	Regular
	Tuba	121	0	59	Regular
	MutedTrumpet	121	0	60	Regular
	MutedTrumpet2	121	1	60	Regular
	FrenchHorn	121	0	61	Regular
	FrenchHorn2	121	1	61	Regular
	BrassSection	121	0	62	Regular
	BrassSection2	121	1	62	Regular
	SynthBrass1	121	0	63	Regular
	SynthBrass3	121	1	63	Regular
AnalogSynBrass1	121	2	63	Regular	
JumpBrass	121	3	63	Regular	
SynthBrass2	121	0	64	Regular	
SynthBrass4	121	1	64	Regular	
AnalogSynBrass2	121	2	64	Regular	
Reed	SopranoSax	121	0	65	Regular
	AltoSax	121	0	66	Regular
	TenorSax	121	0	67	Regular
	BaritoneSax	121	0	68	Regular
	Oboe	121	0	69	Regular
	EnglishHorn	121	0	70	Regular
	Bassoon	121	0	71	Regular
	Clarinet	121	0	72	Regular

Category: GM2

Sub Category	Voice Name	Program Change			Voice Type
		MSB	LSB	PC# (1-128)	
Pipe	Piccolo	121	0	73	Regular
	Flute	121	0	74	Regular
	Recorder	121	0	75	Regular
	PanFlute	121	0	76	Regular
	BlownBottle	121	0	77	Regular
	Shakuhachi	121	0	78	Regular
	Whistle	121	0	79	Regular
Ocarina	121	0	80	Regular	
Synth.Lead	SquareLead	121	0	81	Regular
	SquareLead2	121	1	81	Regular
	SineLead	121	2	81	Regular
	SawtoothLead	121	0	82	Regular
	SawtoothLead2	121	1	82	Regular
	SawPulseLead	121	2	82	Regular
	DoubleSawLead	121	3	82	Regular
	SequencedAnalog	121	4	82	Regular
	CalliopeLead	121	0	83	Regular
	ChiffLead	121	0	84	Regular
	CharangLead	121	0	85	Regular
	WireLead	121	1	85	Regular
	VoiceLead	121	0	86	Regular
	FifthsLead	121	0	87	Regular
	Bass&Lead	121	0	88	Regular
SoftWhirl	121	1	88	Regular	
Synth.Pad	NewAgePad	121	0	89	Regular
	WarmPad	121	0	90	Regular
	SinePad	121	1	90	Regular
	PolySynthPad	121	0	91	Regular
	ChoirPad	121	0	92	Regular
	ItopiaPad	121	1	92	Regular
	BowedPad	121	0	93	Regular
	MetallicPad	121	0	94	Regular
	HaloPad	121	0	95	Regular
SweepPad	121	0	96	Regular	
Synth.Effect	Rain	121	0	97	Regular
	SoundTrack	121	0	98	Regular
	Crystal	121	0	99	Regular
	SynthMallet	121	1	99	Regular
	Atmosphere	121	0	100	Regular
	Brightness	121	0	101	Regular
	Goblins	121	0	102	Regular
	Echoes	121	0	103	Regular
	EchoBell	121	1	103	Regular
	EchoPan	121	2	103	Regular
ScienceFiction	121	0	104	Regular	
Ethnic	Sitar	121	0	105	Regular
	Sitar2	121	1	105	Regular
	Banjo	121	0	106	Regular
	Shamisen	121	0	107	Regular
	Koto	121	0	108	Regular
	TaishoKoto	121	1	108	Regular
	Kalimba	121	0	109	Regular
	Bagpipe	121	0	110	Regular
Fiddle	121	0	111	Regular	
Shanai	121	0	112	Regular	
Percussive	TinkleBell	121	0	113	Regular
	Agogo	121	0	114	Regular
	SteelDrums	121	0	115	Regular
	Woodblock	121	0	116	Regular
	Castanets	121	1	116	Regular
	TaikoDrum	121	0	117	Regular
	ConcertBassDrum	121	1	117	Regular
	MelodicTom	121	0	118	Regular
	MelodicTom2	121	1	118	Regular
	SynthDrum	121	0	119	Regular
	RhythmBoxTom	121	1	119	Regular
	ElectricDrum	121	2	119	Regular
ReverseCymbal	121	0	120	Regular	
SoundEffect	GuitarFretNoise	121	0	121	Regular
	GuitarCutNoise	121	1	121	Regular
	StringSlap	121	2	121	Regular
	BreathNoise	121	0	122	Regular
	FluteKeyClick	121	1	122	Regular
Seashore	121	0	123	Regular	

Sub Category	Voice Name	Program Change			Voice Type
		MSB	LSB	PC# (1-128)	
SoundEffect	Rain	121	1	123	Regular
	Thunder	121	2	123	Regular
	Wind	121	3	123	Regular
	Stream	121	4	123	Regular
	Bubble	121	5	123	Regular
	BirdTweet	121	0	124	Regular
	Dog	121	1	124	Regular
	HorseGallop	121	2	124	Regular
	BirdTweet2	121	3	124	Regular
	TelephoneRing	121	0	125	Regular
	TelephoneRing2	121	1	125	Regular
	DoorCreaking	121	2	125	Regular
	Door	121	3	125	Regular
	Scratch	121	4	125	Regular
	WindChime	121	5	125	Regular
	Helicopter	121	0	126	Regular
	CarEngine	121	1	126	Regular
	CarStop	121	2	126	Regular
	CarPass	121	3	126	Regular
	CarCrash	121	4	126	Regular
	Siren	121	5	126	Regular
	Train	121	6	126	Regular
	JetPlane	121	7	126	Regular
	Starship	121	8	126	Regular
	BurstNoise	121	9	126	Regular
	Applause	121	0	127	Regular
	Laughing	121	1	127	Regular
	Screaming	121	2	127	Regular
	Punch	121	3	127	Regular
	Heartbeat	121	4	127	Regular
Footsteps	121	5	127	Regular	
Gunshot	121	0	128	Regular	
MachineGun	121	1	128	Regular	
LaserGun	121	2	128	Regular	
Explosion	121	3	128	Regular	
Drum	StandardSet	120	0	1	Drums
	RoomSet	120	0	9	Drums
	PowerSet	120	0	17	Drums
	ElectroSet	120	0	25	Drums
	AnalogSet	120	0	26	Drums
	JazzSet	120	0	33	Drums
	BrushSet	120	0	41	Drums
	OrchestraSet	120	0	49	Drums
SFXSet	120	0	57	SFX	

Mega Voice Map / Sound-Zuordnungen der Mega Voices / Carte des voix Mega / Mapa de Mega Voice

MSB	PC# (1-128)	Voice Name	Velocity Switch Points (unter B5)												above C6	above C8		
			1-20	21-40	41-60	61-75	76-90	91-105	106-120	121-127	1-20	21-40	41-60	61-75			76-90	91-105
8	0	Mega NylonGuitar	open soft	open med	open hard	dead	mute	hammer	slide	harmonics	strum noise	strum noise	strum noise	strum noise	strum noise	strum noise	strum noise	fret noise
8	0	Mega SteelGuitar	open soft	open med	open hard	dead	mute	hammer	slide	harmonics	strum noise	strum noise	strum noise	strum noise	strum noise	strum noise	strum noise	fret noise
8	0	Mega HiStringGtr	1-89	soft	hard	116-127	hard	1-127	1-127	1-127	1-127	1-127	1-127	1-127	1-127	1-127	1-127	1-127
8	1	Mega 12StringGtr Element1(Steel)	1-71	soft	med	72-115	hard	1-127	1-127	1-127	1-127	1-127	1-127	1-127	1-127	1-127	1-127	1-127
8	1	Mega 12StringGtr Element2(HiString)	1-89	soft	hard	90-127	hard	1-127	1-127	1-127	1-127	1-127	1-127	1-127	1-127	1-127	1-127	1-127
8	0	Mega CleanGuitar	open soft	open hard	slap	dead	mute	hammer	slide	pick harmonics	strum noise	strum noise	strum noise	strum noise	strum noise	strum noise	strum noise	fret noise
8	1	Mega SolidGuitar1	open soft	open hard	slap	dead	mute	hammer	slide	pick harmonics	strum noise	strum noise	strum noise	strum noise	strum noise	strum noise	strum noise	fret noise
8	2	Mega SolidGuitar2	open soft	open med	open hard	dead	mute	hammer	slide	pick harmonics	strum noise	strum noise	strum noise	strum noise	strum noise	strum noise	strum noise	fret noise
8	3	Mega SingleCoil	open soft	open med	open hard	dead	mute	hammer	slide	pick harmonics	strum noise	strum noise	strum noise	strum noise	strum noise	strum noise	strum noise	fret noise
8	0	Mega OverdriveGtr	1-55	open	mute	56-120	mute	1-127	1-127	1-127	1-127	1-127	1-127	1-127	1-127	1-127	1-127	1-127
8	0	Mega DistortionGtr	1-55	open	mute	56-120	mute	1-127	1-127	1-127	1-127	1-127	1-127	1-127	1-127	1-127	1-127	1-127
8	0	Mega JazzGuitar	open soft	open med	open hard	dead soft	dead hard	hammer	slide	pick harmonics	strum noise	strum noise	strum noise	strum noise	strum noise	strum noise	strum noise	fret noise
8	0	Mega AcousticBass	1-60	open soft	open hard	61-80	open hard	dead	1-127	1-127	1-127	1-127	1-127	1-127	1-127	1-127	1-127	1-127
8	0	Mega ElectricBass	1-60	open soft	open hard	61-80	open hard	dead	1-127	1-127	1-127	1-127	1-127	1-127	1-127	1-127	1-127	1-127
8	1	Mega VintageRound	1-60	open soft	open hard	61-80	open hard	dead	1-127	1-127	1-127	1-127	1-127	1-127	1-127	1-127	1-127	1-127

: No Sound

MSB	PC# (1-128)	Voice Name	Velocity Switch Points (unter B5)										above C6	above C8						
			1-60	61-80	81-120	121-127	1-40	41-80	81-120	121-127	1-20	21-40			41-60	61-80	81-100	101-120	121-127	
8	2	Mega VintageFlat	1-60 open soft	61-80 open hard	81-120 dead	121-127 harmonics	1-40 open	41-80 mute	81-120 dead	121-127 harmonics	1-20	21-40 mf	41-60 f	61-80 legato	81-95 spicato f	96-110 spicato ff	111-120 tremolo	121-127 glissando down	1-127 EFX	
8	0	Mega PickBass	1-40 open	41-80 mute	81-120 dead	121-127 harmonics	1-40 open	41-80 mute	81-120 dead	121-127 harmonics	1-20	21-40 mf	41-60 f	61-80 legato	81-95 spicato f	96-110 spicato ff	111-120 tremolo	121-127 glissando down	1-127 EFX	
8	1	Mega VintagePick	1-40 open	41-80 mute	81-120 dead	121-127 harmonics	1-40 open	41-80 mute	81-120 dead	121-127 harmonics	1-20	21-40 mf	41-60 f	61-80 legato	81-95 spicato f	96-110 spicato ff	111-120 tremolo	121-127 glissando down	1-127 EFX	
8	0	Mega FretlessBass	1-80 open	81-120 dead	121-127 harmonics	1-20	21-40 mf	41-60 f	61-80 legato	81-95 spicato f	96-110 spicato ff	111-120 tremolo	121-127 glissando down	1-127 EFX					1-127 EFX	
8	0	Mega SmallStrings	1-20 p	21-40 mf	41-60 f	61-80 legato	81-95 spicato f	96-110 spicato ff	111-120 tremolo	121-127 glissando down	1-20	21-40 mf	41-60 f	61-80 legato	81-95 spicato f	96-110 spicato ff	111-120 tremolo	121-127 glissando down		
8	0	Mega LargeStrings	1-20 p	21-40 mf	41-60 f	61-80 legato	81-95 spicato f	96-110 spicato ff	111-120 tremolo	121-127 glissando down	1-20	21-40 mf	41-60 f	61-80 legato	81-95 spicato f	96-110 spicato ff	111-120 tremolo	121-127 glissando down		
8	0	Mega Brass	1-20 p	21-40 mf	41-60 f	61-80 legato	81-95 spicato f	96-110 spicato ff	111-120 tremolo	121-127 glissando down	1-20	21-40 mf	41-60 f	61-80 legato	81-95 spicato f	96-110 spicato ff	111-120 tremolo	121-127 glissando down		
8	0	Mega Trumpet	1-20 mf	21-40 f	41-60 ff	61-80 legato	81-100 straight	101-110 shake	111-120 falls	121-127 glissando up	1-20	21-40 mf	41-60 f	61-80 legato	81-100 straight	101-110 shake	111-120 falls	121-127 glissando up	1-127 valve noise	breath noise
8	0	Mega TenorSax	1-20 mp	21-40 mf	41-60 f	61-80 legato	81-100 growl	101-110 shake	111-120 falls	121-127 glissando up	1-20	21-40 mf	41-60 f	61-80 legato	81-100 growl	101-110 shake	111-120 falls	121-127 glissando up	1-127 valve noise (C6-B6 key on noise C7-B7 key off noise)	breath noise

█ : No Sound

Drum/SFX Kit List / Drum/SFX-Kit-Liste / Liste des kits de batterie/SFX / Lista de conjuntos de percusión/efectos especiales

Kit Name			StandardKit1 (Legacy)			StandardKit2 (Legacy)			HitKit			RoomKit		
MSB-LSB-PC# (1-128)			127-0-1			127-0-2			127-0-5			127-0-9		
Note#	MIDI		Full Name	Key Off (*1)	Alt Group (*2)	Full Name	Key Off (*1)	Alt Group (*2)	Full Name	Key Off (*1)	Alt Group (*2)	Full Name	Key Off (*1)	Alt Group (*2)
	Note	Keyboard Note												
13	C#-1	C#0	Surdo Mute		3	Surdo Mute		3	Surdo Mute		3	Surdo Mute		3
14	D-1	D0	Surdo Open		3	Surdo Open		3	Surdo Open		3	Surdo Open		3
15	D#-1	D#0	Hi Q			Hi Q			Hi Q			Hi Q		
16	E-1	E0	Whip Slap			Whip Slap			Whip Slap			Whip Slap		
17	F-1	F0	Scratch H		4	Scratch H		4	Scratch H		4	Scratch H		4
18	F#-1	F#0	Scratch L		4	Scratch L		4	Scratch L		4	Scratch L		4
19	G-1	G0	Finger Snap			Finger Snap			Finger Snap			Finger Snap		
20	G#-1	G#0	Click Noise			Click Noise			Click Noise			Click Noise		
21	A-1	A0	Metronome Click			Metronome Click			Metronome Click			Metronome Click		
22	A#-1	A#0	Metronome Bell			Metronome Bell			Metronome Bell			Metronome Bell		
23	B-1	B0	Seq Click L			Seq Click L			Seq Click L			Seq Click L		
24	C0	C1	Seq Click H			Seq Click H			Seq Click H			Seq Click H		
25	C#0	C#1	Brush Tap			Brush Tap			Brush Tap			Brush Tap		
26	D0	D1	Brush Swirl	●		Brush Swirl	●		Brush Swirl	●		Brush Swirl	●	
27	D#0	D#1	Brush Slap			Brush Slap			Brush Slap			Brush Slap		
28	E0	E1	Brush Tap Swirl	●		Brush Tap Swirl	●		Brush Tap Swirl	●		Brush Tap Swirl	●	
29	F0	F1	Snare Roll	●		Snare Roll	●		Snare Roll	●		Snare Roll	●	
30	F#0	F#1	Castanet			Castanet			Castanet			Castanet		
31	G0	G1	Snare Soft			Snare Soft 2			Snare Electro			Snare Soft		
32	G#0	G#1	Sticks			Sticks			Sticks			Sticks		
33	A0	A1	Kick Soft			Kick Soft			Kick Tight L			Kick Soft		
34	A#0	A#1	Open Rim Shot			Open Rim Shot H Short			Snare Pitched			Open Rim Shot		
35	B0	B1	Kick Tight			Kick Tight			Kick Wet			Kick Tight		
36	C1	C2	Kick			Kick Short			Kick Tight H			Kick		
37	C#1	C#2	Side Stick			Side Stick Light			Stick Ambient			Side Stick		
38	D1	D2	Snare			Snare Short			Snare Ambient			Snare Snappy		
39	D#1	D#2	Hand Clap			Hand Clap			Hand Clap			Hand Clap		
40	E1	E2	Snare Tight			Snare Tight H			Snare Tight 2			Snare Tight Snappy		
41	F1	F2	Floor Tom L			Floor Tom L			Hybrid Tom 1			Tom Room 1		
42	F#1	F#2	Hi-Hat Closed		1	Hi-Hat Closed		1	Hi-Hat Closed 2		1	Hi-Hat Closed		1
43	G1	G2	Floor Tom H			Floor Tom H			Hybrid Tom 2			Tom Room 2		
44	G#1	G#2	Hi-Hat Pedal		1	Hi-Hat Pedal		1	Hi-Hat Pedal 2		1	Hi-Hat Pedal		1
45	A1	A2	Low Tom			Low Tom			Hybrid Tom 3			Tom Room 3		
46	A#1	A#2	Hi-Hat Open		1	Hi-Hat Open		1	Hi-Hat Open 2		1	Hi-Hat Open		1
47	B1	B2	Mid Tom L			Mid Tom L			Hybrid Tom 4			Tom Room 4		
48	C2	C3	Mid Tom H			Mid Tom H			Hybrid Tom 5			Tom Room 5		
49	C#2	C#3	Crash Cymbal 1			Crash Cymbal 1			Crash Cymbal 1			Crash Cymbal 1		
50	D2	D3	High Tom			High Tom			Hybrid Tom 6			Tom Room 6		
51	D#2	D#3	Ride Cymbal 1			Ride Cymbal 1			Ride Cymbal 1			Ride Cymbal 1		
52	E2	E3	Chinese Cymbal			Chinese Cymbal			Chinese Cymbal			Chinese Cymbal		
53	F2	F3	Ride Cymbal Cup			Ride Cymbal Cup			Ride Cymbal Cup			Ride Cymbal Cup		
54	F#2	F#3	Tambourine			Tambourine			Tambourine Light			Tambourine		
55	G2	G3	Splash Cymbal			Splash Cymbal			Splash Cymbal			Splash Cymbal		
56	G#2	G#3	Cowbell			Cowbell			Cowbell			Cowbell		
57	A2	A3	Crash Cymbal 2			Crash Cymbal 2			Crash Cymbal 2			Crash Cymbal 2		
58	A#2	A#3	Vibraslap			Vibraslap			Vibraslap			Vibraslap		
59	B2	B3	Ride Cymbal 2			Ride Cymbal 2			Ride Cymbal 2			Ride Cymbal 2		
60	C3	C4	Bongo H			Bongo H			Bongo H			Bongo H		
61	C#3	C#4	Bongo L			Bongo L			Bongo L			Bongo L		
62	D3	D4	Conga H Mute			Conga H Mute			Conga H Mute			Conga H Mute		
63	D#3	D#4	Conga H Open			Conga H Open			Conga H Open			Conga H Open		
64	E3	E4	Conga L			Conga L			Conga L			Conga L		
65	F3	F4	Timbale H			Timbale H			Timbale H			Timbale H		
66	F#3	F#4	Timbale L			Timbale L			Timbale L			Timbale L		
67	G3	G4	Agogo H			Agogo H			Agogo H			Agogo H		
68	G#3	G#4	Agogo L			Agogo L			Agogo L			Agogo L		
69	A3	A4	Cabasa			Cabasa			Cabasa			Cabasa		
70	A#3	A#4	Maracas			Maracas			Maracas			Maracas		
71	B3	B4	Samba Whistle H	●		Samba Whistle H	●		Samba Whistle H	●		Samba Whistle H	●	
72	C4	C5	Samba Whistle L	●		Samba Whistle L	●		Samba Whistle L	●		Samba Whistle L	●	
73	C#4	C#5	Guiro Short			Guiro Short			Guiro Short			Guiro Short		
74	D4	D5	Guiro Long	●		Guiro Long	●		Guiro Long	●		Guiro Long	●	
75	D#4	D#5	Claves			Claves			Claves			Claves		
76	E4	E5	Wood Block H			Wood Block H			Wood Block H			Wood Block H		
77	F4	F5	Wood Block L			Wood Block L			Wood Block L			Wood Block L		
78	F#4	F#5	Cuica Mute			Cuica Mute			Cuica Mute			Cuica Mute		
79	G4	G5	Cuica Open			Cuica Open			Cuica Open			Cuica Open		
80	G#4	G#5	Triangle Mute		2	Triangle Mute		2	Triangle Mute		2	Triangle Mute		2
81	A4	A5	Triangle Open		2	Triangle Open		2	Triangle Open		2	Triangle Open		2
82	A#4	A#5	Shaker			Shaker			Shaker			Shaker		
83	B4	B5	Jingle Bells			Jingle Bells			Jingle Bells			Jingle Bells		
84	C5	C6	Bell Tree			Bell Tree			Bell Tree			Bell Tree		
85	C#5	C#6												
86	D5	D6												
87	D#5	D#6												
88	E5	E6												
89	F5	F6												
90	F#5	F#6												
91	G5	G6												

*1 Key Off: Keys marked "●" stop sounding the instant they are released.

*2 Alternate Group: Playing any instrument within a numbered group will immediately stop the sound of any other instrument in the same group of the same number.

Same as StandardKit1 No Sound

Drum/SFX Kit List / Drum/SFX-Kit-Liste / Liste des kits de batterie/SFX / Lista de conjuntos de percusión/efectos especiales

Kit Name			RockKit (Legacy)			ElectroKit			AnalogKit			DanceKit		
MSB-LSB-PC# (1-128)			127-0-17			127-0-25			127-0-26			127-0-28		
MIDI Note#	Keyboard Note	Full Name	Key Off (*1)	Alt Group (*2)	Full Name	Key Off (*1)	Alt Group (*2)	Full Name	Key Off (*1)	Alt Group (*2)	Full Name	Key Off (*1)	Alt Group (*2)	
13	C#-1	C#0	Surdo Mute		3	Surdo Mute		3	Surdo Mute		3	Kick Dance 1		
14	D-1	D0	Surdo Open		3	Surdo Open		3	Surdo Open		3	Kick Dance 2		
15	D#-1	D#0	Hi Q			Hi Q			Hi Q					
16	E-1	E0	Whip Slap			Whip Slap			Whip Slap			Whip Slap	●	
17	F-1	F0	Scratch H		4	Scratch H		4	Scratch H		4	Scratch Dance 1	●	
18	F#-1	F#0	Scratch L		4	Scratch L		4	Scratch L		4	Scratch Dance 2	●	
19	G-1	G0	Finger Snap			Finger Snap			Finger Snap			Finger Snap		
20	G#-1	G#0	Click Noise			Click Noise			Click Noise			Click Noise		
21	A-1	A0	Metronome Click			Metronome Click			Metronome Click			Dance Perc 1		
22	A#-1	A#0	Metronome Bell			Metronome Bell			Metronome Bell			Reverse Dance 1		
23	B-1	B0	Seq Click L			Seq Click L			Seq Click L			Dance Perc 2		
24	C0	C1	Seq Click H			Seq Click H			Seq Click H			Hi Q Dance 1		
25	C#0	C#1	Brush Tap			Brush Tap			Brush Tap			Snare Analog 3		
26	D0	D1	Brush Swirl	●		Brush Swirl	●		Brush Swirl	●		Vinyl Noise	●	
27	D#0	D#1	Brush Slap			Brush Slap			Brush Slap			Snare Analog 4		
28	E0	E1	Brush Tap Swirl	●		Reverse Cymbal	●		Reverse Cymbal	●		Reverse Cymbal	●	
29	F0	F1	Snare Roll	●		Snare Roll	●		Snare Roll	●		Reverse Dance 2	●	
30	F#0	F#1	Castanet			Hi Q 2			Hi Q 2			Hi Q 2		
31	G0	G1	Snare Noisy			Snare Snappy Electro			Snare Noisy 4			Snare Techno		
32	G#0	G#1	Sticks			Sticks			Sticks			Snare Dance 1		
33	A0	A1	Kick Soft			Kick 3			Kick 3			Kick Techno Q		
34	A#0	A#1	Open Rim Shot			Open Rim Shot			Open Rim Shot			Rim Gate		
35	B0	B1	Kick 2			Kick Gate			Kick Analog Short			Kick Techno L		
36	C1	C2	Kick Gate			Kick Gate Heavy			Kick Analog			Kick Techno		
37	C#1	C#2	Side Stick			Side Stick			Side Stick Analog			Side Stick Analog		
38	D1	D2	Snare Rock			Snare Noisy 2			Snare Analog			Snare Clap		
39	D#1	D#2	Hand Clap			Hand Clap			Hand Clap			Dance Clap		
40	E1	E2	Snare Rock Tight			Snare Noisy 3			Snare Analog 2			Snare Dry		
41	F1	F2	Tom Rock 1			Tom Electro 1			Tom Analog 1			Tom Dance 1		
42	F#1	F#2	Hi-Hat Closed		1	Hi-Hat Closed		1	Hi-Hat Closed Analog		1	Hi-Hat Closed 3	1	
43	G1	G2	Tom Rock 2			Tom Electro 2			Tom Analog 2			Tom Dance 2		
44	G#1	G#2	Hi-Hat Pedal		1	Hi-Hat Pedal		1	Hi-Hat Closed Analog 2		1	Hi-Hat Closed Analog 3	1	
45	A1	A2	Tom Rock 3			Tom Electro 3			Tom Analog 3			Tom Dance 3		
46	A#1	A#2	Hi-Hat Open		1	Hi-Hat Open		1	Hi-Hat Open Analog		1	Hi-Hat Open 3	1	
47	B1	B2	Tom Rock 4			Tom Electro 4			Tom Analog 4			Tom Dance 4		
48	C2	C3	Tom Rock 5			Tom Electro 5			Tom Analog 5			Tom Dance 5		
49	C#2	C#3	Crash Cymbal 1			Crash Cymbal 1			Crash Analog			Crash Analog		
50	D2	D3	Tom Rock 6			Tom Electro 6			Tom Analog 6			Tom Dance 6		
51	D#2	D#3	Ride Cymbal 1			Ride Cymbal 1			Ride Cymbal 1			Ride Cymbal 1		
52	E2	E3	Chinese Cymbal			Chinese Cymbal			Chinese Cymbal			Chinese Cymbal		
53	F2	F3	Ride Cymbal Cup			Ride Cymbal Cup			Ride Cymbal Cup			Ride Cymbal Cup		
54	F#2	F#3	Tambourine			Tambourine			Tambourine			Tambourine Analog		
55	G2	G3	Splash Cymbal			Splash Cymbal			Splash Cymbal			Splash Cymbal		
56	G#2	G#3	Cowbell			Cowbell			Cowbell Analog			Cowbell Dance		
57	A2	A3	Crash Cymbal 2			Crash Cymbal 2			Crash Cymbal 2			Crash Cymbal 2		
58	A#2	A#3	Vibraslap			Vibraslap			Vibraslap			Vibraslap Analog		
59	B2	B3	Ride Cymbal 2			Ride Cymbal 2			Ride Cymbal 2			Ride Analog		
60	C3	C4	Bongo H			Bongo H			Bongo H			Bongo Analog H		
61	C#3	C#4	Bongo L			Bongo L			Bongo L			Bongo Analog L		
62	D3	D4	Conga H Mute			Conga H Mute			Conga Analog H			Conga Analog H		
63	D#3	D#4	Conga H Open			Conga H Open			Conga Analog M			Conga Analog M		
64	E3	E4	Conga L			Conga L			Conga Analog L			Conga Analog L		
65	F3	F4	Timbale H			Timbale H			Timbale H			Timbale H		
66	F#3	F#4	Timbale L			Timbale L			Timbale L			Timbale L		
67	G3	G4	Agogo H			Agogo H			Agogo H			Agogo H		
68	G#3	G#4	Agogo L			Agogo L			Agogo L			Agogo L		
69	A3	A4	Cabasa			Cabasa			Cabasa			Cabasa		
70	A#3	A#4	Maracas			Maracas			Maracas 2			Maracas 2		
71	B3	B4	Samba Whistle H	●		Samba Whistle H	●		Samba Whistle H	●		Samba Whistle H	●	
72	C4	C5	Samba Whistle L	●		Samba Whistle L	●		Samba Whistle L	●		Samba Whistle L	●	
73	C#4	C#5	Guiro Short			Guiro Short			Guiro Short			Guiro Short		
74	D4	D5	Guiro Long	●		Guiro Long	●		Guiro Long	●		Guiro Long	●	
75	D#4	D#5	Claves			Claves			Claves 2			Claves 2		
76	E4	E5	Wood Block H			Wood Block H			Wood Block H			Dance Perc 3		
77	F4	F5	Wood Block L			Wood Block L			Wood Block L			Dance Perc 4	●	
78	F#4	F#5	Cuica Mute			Scratch H 2			Scratch H 2			Dance Breath 1		
79	G4	G5	Cuica Open			Scratch L 2			Scratch L 2			Dance Breath 2	●	
80	G#4	G#5	Triangle Mute		2	Triangle Mute		2	Triangle Mute		2	Triangle Mute	2	
81	A4	A5	Triangle Open		2	Triangle Open		2	Triangle Open		2	Triangle Open	2	
82	A#4	A#5	Shaker			Shaker			Shaker			Shaker		
83	B4	B5	Jingle Bells			Jingle Bells			Jingle Bells			Jingle Bells		
84	C5	C6	Bell Tree			Bell Tree			Bell Tree			Bell Tree		
85	C#5	C#6												
86	D5	D6												
87	D#5	D#6												
88	E5	E6												
89	F5	F6												
90	F#5	F#6												
91	G5	G6												

*1 Key Off: Keys marked "●" stop sounding the instant they are released.

*2 Alternate Group: Playing any instrument within a numbered group will immediately stop the sound of any other instrument in the same group of the same number.

Same as StandardKit1 No Sound

Drum/SFX Kit List / Drum/SFX-Kit-Liste / Liste des kits de batterie/SFX / Lista de conjuntos de percusión/efectos especiales

Kit Name			JazzKit			BrushKit			SymphonyKit			HipHop Kit		
MSB-LSB-PC# (1-128)			127-0-33			127-0-41			127-0-49			127-0-57		
Note#	MIDI		Full Name	Key Off (*1)	Alt Group (*2)	Full Name	Key Off (*1)	Alt Group (*2)	Full Name	Key Off (*1)	Alt Group (*2)	Full Name	Key Off (*1)	Alt Group (*2)
	Note	Keyboard Note												
13	C#-1	C#0	Surdo Mute		3	Surdo Mute		3	Surdo Mute		3	Surdo Mute		5
14	D-1	D0	Surdo Open		3	Surdo Open		3	Surdo Open		3	Surdo Open		5
15	D#-1	D#0	Hi Q			Hi Q			Hi Q			Hi Q		
16	E-1	E0	Whip Slap			Whip Slap			Whip Slap			Whip Slap		
17	F-1	F0	Scratch H		4	Scratch H		4	Scratch H		4	Scratch H		6
18	F#-1	F#0	Scratch L		4	Scratch L		4	Scratch L		4	Scratch L		6
19	G-1	G0	Finger Snap			Finger Snap			Finger Snap			Hi-Hat Closed T8 2		4
20	G#-1	G#0	Click Noise			Click Noise			Click Noise			Tom T8 3		
21	A-1	A0	Metronome Click			Metronome Click			Metronome Click			Hi-Hat Open T8 2		4
22	A#-1	A#0	Metronome Bell			Metronome Bell			Metronome Bell			Tom T8 6		
23	B-1	B0	Seq Click L			Seq Click L			Seq Click L			Crash T8		
24	C0	C1	Seq Click H			Seq Click H			Seq Click H			Triangle Mute		1
25	C#0	C#1	Brush Tap			Brush Tap			Brush Tap			Triangle Open		1
26	D0	D1	Brush Swirl	●		Brush Swirl	●		Brush Swirl	●		Wind Chime		
27	D#0	D#1	Brush Slap			Brush Slap			Brush Slap			Tambourine Light 2		
28	E0	E1	Brush Tap Swirl	●		Brush Tap Swirl	●		Brush Tap Swirl	●		Tambourine Light 1		
29	F0	F1	Snare Roll	●		Snare Roll	●		Snare Roll	●		Kick HipHop 9		
30	F#0	F#1	Castanet			Castanet			Castanet			Hi-Hat Closed Tek		3
31	G0	G1	Snare Jazz H			Snare Slap 2			Snare Soft			Kick Gate		
32	G#0	G#1	Sticks			Sticks			Sticks			Hi-Hat Open Lo-Fi		3
33	A0	A1	Kick Soft			Kick Soft			Kick Soft 2			Kick Gran Casa Open		
34	A#0	A#1	Open Rim Shot			Open Rim Shot			Open Rim Shot			Hi-Hat Reverse Drum&Bass		
35	B0	B1	Kick Tight			Kick Tight			Gran Cassa			Kick HipHop 1		
36	C1	C2	Kick Jazz			Kick Jazz			Gran Cassa Mute			Kick Analog CR		
37	C#1	C#2	Side Stick Light			Side Stick Light			Side Stick			Snare Analog Sm Rim		
38	D1	D2	Snare Jazz L			Brush Slap 3			Band Snare			Snare HipHop 1		
39	D#1	D#2	Hand Clap			Hand Clap			Hand Clap			Snare Clappy		
40	E1	E2	Snare Jazz M			Brush Tap 2			Band Snare 2			Snare HipHop 2		
41	F1	F2	Floor Tom L			Tom Brush 1			Floor Tom L			Floor Tom L		
42	F#1	F#2	Hi-Hat Closed		1	Hi-Hat Closed		1	Hi-Hat Closed		1	Hi-Hat Closed HipHop		2
43	G1	G2	Floor Tom H			Tom Brush 2			Floor Tom H			Low Tom		
44	G#1	G#2	Hi-Hat Pedal		1	Hi-Hat Pedal		1	Hi-Hat Pedal		1	Hi-Hat Pedal HipHop		2
45	A1	A2	Low Tom			Tom Brush 3			Low Tom			Mid Tom L		
46	A#1	A#2	Hi-Hat Open		1	Hi-Hat Open		1	Hi-Hat Open		1	Hi-Hat Open HipHop		2
47	B1	B2	Mid Tom L			Tom Brush 4			Mid Tom L			High Tom		
48	C2	C3	Mid Tom H			Tom Brush 5			Mid Tom H			Ride Cymbal 3		
49	C#2	C#3	Crash Cymbal 1			Crash Cymbal 1			Hand Cymbal			Crash Cymbal 3		
50	D2	D3	High Tom			Tom Brush 6			High Tom			Shaker 2		
51	D#2	D#3	Ride Cymbal 1			Ride Cymbal 1			Hand Cymbal Short			Scratch Bass Drum Forward		
52	E2	E3	Chinese Cymbal			Chinese Cymbal			Chinese Cymbal			Scratch Bass Drum Reverse		
53	F2	F3	Ride Cymbal Cup			Ride Cymbal Cup			Ride Cymbal Cup			Kick HipHop 2		
54	F#2	F#3	Tambourine			Tambourine			Tambourine			Snare HipHop Rim 2		
55	G2	G3	Splash Cymbal			Splash Cymbal			Splash Cymbal			HipHop Clap 2		
56	G#2	G#3	Cowbell			Cowbell			Cowbell			HipHop Snap 1		
57	A2	A3	Crash Cymbal 2			Crash Cymbal 2			Hand Cymbal 2			Snare HipHop 3		
58	A#2	A#3	Vibraslap			Vibraslap			Vibraslap			Electric Clap 2		
59	B2	B3	Ride Cymbal 2			Ride Cymbal 2			Hand Cymbal Short 2			Kick Hip Deep		
60	C3	C4	Bongo H			Bongo H			Bongo H			Kick HipHop 3		
61	C#3	C#4	Bongo L			Bongo L			Bongo L			Snare HipHop Rim 3		
62	D3	D4	Conga H Mute			Conga H Mute			Conga H Mute			Snare HipHop 5		
63	D#3	D#4	Conga H Open			Conga H Open			Conga H Open			Electric Clap 1		
64	E3	E4	Conga L			Conga L			Conga L			Handbell H		
65	F3	F4	Timbale H			Timbale H			Timbale H			Kick HipHop 4		
66	F#3	F#4	Timbale L			Timbale L			Timbale L			HipHop Clap 3		
67	G3	G4	Agogo H			Agogo H			Agogo H			HipHop Snap 2		
68	G#3	G#4	Agogo L			Agogo L			Agogo L			Snare HipHop Rim 5		
69	A3	A4	Cabasa			Cabasa			Cabasa			HipHop Flex 1		
70	A#3	A#4	Maracas			Maracas			Maracas			HipHop Flex 2		
71	B3	B4	Samba Whistle H	●		Samba Whistle H	●		Samba Whistle H	●		Shaker 2		
72	C4	C5	Samba Whistle L	●		Samba Whistle L	●		Samba Whistle L	●		Kick HipHop 5		
73	C#4	C#5	Guiro Short			Guiro Short			Guiro Short			Snare HipHop Rim 4		
74	D4	D5	Guiro Long	●		Guiro Long	●		Guiro Long	●		Snare HipHop 6		
75	D#4	D#5	Claves			Claves			Claves			Snare HipHop 11		
76	E4	E5	Wood Block H			Wood Block H			Wood Block H			Kick HipHop 10		
77	F4	F5	Wood Block L			Wood Block L			Wood Block L			Snare HipHop 7		
78	F#4	F#5	Cuica Mute			Cuica Mute			Cuica Mute			HipHop Clap 5		
79	G4	G5	Cuica Open			Cuica Open			Cuica Open			Conga H Tip		
80	G#4	G#5	Triangle Mute		2	Triangle Mute		2	Triangle Mute		2	Conga H Heel		
81	A4	A5	Triangle Open		2	Triangle Open		2	Triangle Open		2	Conga H Open		
82	A#4	A#5	Shaker			Shaker			Shaker			Conga L Open 1		
83	B4	B5	Jingle Bells			Jingle Bells			Jingle Bells			Conga L Open 2		
84	C5	C6	Bell Tree			Bell Tree			Bell Tree			Kick HipHop 8		
85	C#5	C#6										HipHop Clap 6		
86	D5	D6										Snare T8 1		
87	D#5	D#6										Snare T8 1 H		
88	E5	E6										HipHop Clap 7		
89	F5	F6										Tom T8 1		
90	F#5	F#6										Hi-Hat Closed T8 2		
91	G5	G6										Tom T8 2		

*1 Key Off: Keys marked "●" stop sounding the instant they are released.

*2 Alternate Group: Playing any instrument within a numbered group will immediately stop the sound of any other instrument in the same group of the same number.

Same as StandardKit1 No Sound

Drum/SFX Kit List / Drum/SFX-Kit-Liste / Liste des kits de batterie/SFX / Lista de conjuntos de percusión/efectos especiales

Kit Name			StudioKit			PowerKit1			PowerKit2			AcousticKit		
MSB-LSB-PC# (1-128)			127-0-87			127-0-88			127-0-89			127-0-90		
MIDI		Keyboard Note	Full Name	Key Off (*1)	Alt Group (*2)	Full Name	Key Off (*1)	Alt Group (*2)	Full Name	Key Off (*1)	Alt Group (*2)	Full Name	Key Off (*1)	Alt Group (*2)
Note#	Note													
13	C#-1	C#0	Surdo Mute		3	Surdo Mute		3	Surdo Mute		3	Surdo Mute		3
14	D-1	D0	Surdo Open		3	Surdo Open		3	Surdo Open		3	Surdo Open		3
15	D#-1	D#0	Hi Q			Hi Q			Hi Q			Hi Q		
16	E-1	E0	Whip Slap			Whip Slap			Whip Slap			Whip Slap		
17	F-1	F0	Scratch H		4	Scratch H		4	Scratch H		4	Scratch H		4
18	F#-1	F#0	Scratch L		4	Scratch L		4	Scratch L		4	Scratch L		4
19	G-1	G0	Finger Snap			Finger Snap			Finger Snap			Finger Snap		
20	G#-1	G#0	Click Noise			Click Noise			Click Noise			Click Noise		
21	A-1	A0	Metronome Click			Metronome Click			Metronome Click			Metronome Click		
22	A#-1	A#0	Metronome Bell			Metronome Bell			Metronome Bell			Metronome Bell		
23	B-1	B0	Seq Click L			Seq Click L			Seq Click L			Seq Click L		
24	C0	C1	Seq Click H			Seq Click H			Seq Click H			Seq Click H		
25	C#0	C#1	Brush Tap			Brush Tap			Brush Tap			Brush Tap		
26	D0	D1	Brush Swirl	●		Brush Swirl	●		Brush Swirl	●		Brush Swirl	●	
27	D#0	D#1	Brush Slap			Brush Slap			Brush Slap			Brush Slap		
28	E0	E1	Brush Tap Swirl	●		Brush Tap Swirl	●		Brush Tap Swirl	●		Brush Tap Swirl	●	
29	F0	F1	Snare Roll	●		Snare Roll	●		Snare Roll	●		Snare Roll Acoustic	●	
30	F#0	F#1	Castanet			Castanet			Castanet			Castanet		
31	G0	G1	Snare Studio 2			Snare Soft Power 1			Snare Soft Power 2			Snare Soft Acoustic		
32	G#0	G#1	Sticks			Sticks			Sticks			Sticks		
33	A0	A1	Kick Ambience H			Kick Ambient+			Kick Ambient+			Kick Soft Acoustic		
34	A#0	A#1	Open Rim Shot			Open Rim Power 1			Open Rim Power 2			Rim Acoustic		
35	B0	B1	Kick Ambience L			Kick Power Open			Kick Power Open			Kick Mute Acoustic		
36	C1	C2	Kick Studio			Kick Power Mute			Kick Power Mute			Kick Open Acoustic		
37	C#1	C#2	Side Stick			Side Stick Power			Side Stick Power			Stick Acoustic		
38	D1	D2	Snare Studio M			Snare Power 1			Snare Power 2			Snare Acoustic		
39	D#1	D#2	Hand Clap			Hand Clap Power			Hand Clap Power			Hand Clap Power		
40	E1	E2	Snare Studio L			Snare Rough			Snare Loose			Snare Rough Acoustic		
41	F1	F2	Floor Tom L			Tom Power 1			Tom Power 1			Tom Acoustic 1		
42	F#1	F#2	Hi-Hat Closed	1		Hi-Hat Closed Power	1		Hi-Hat Closed Power+Edge	1		Hi-Hat Closed Acoustic	1	
43	G1	G2	Floor Tom H			Tom Power 2			Tom Power 2			Tom Acoustic 2		
44	G#1	G#2	Hi-Hat Pedal	1		Hi-Hat Pedal Power	1		Hi-Hat Pedal Power	1		Hi-Hat Pedal Acoustic	1	
45	A1	A2	Low Tom			Tom Power 3			Tom Power 3			Tom Acoustic 3		
46	A#1	A#2	Hi-Hat Open	1		Hi-Hat Open Power	1		Hi-Hat Open Power	1		Hi-Hat Open Acoustic	1	
47	B1	B2	Mid Tom L			Tom Power 4			Tom Power 4			Tom Acoustic 4		
48	C2	C3	Mid Tom H			Tom Power 5			Tom Power 5			Tom Acoustic 5		
49	C#2	C#3	Crash Cymbal 1			Crash Cymbal Acoustic 1			Crash Cymbal Acoustic 1			Crash Cymbal Acoustic 1		
50	D2	D3	High Tom			Tom Power 6			Tom Power 6			Tom Acoustic 6		
51	D#2	D#3	Ride Cymbal 1			Ride Cymbal Acoustic 1			Ride Cymbal Acoustic 1			Ride Cymbal Acoustic 1		
52	E2	E3	Chinese Cymbal			China Cymbal Acoustic			China Cymbal Acoustic			China Cymbal Acoustic		
53	F2	F3	Ride Cymbal Cup			Ride Cymbal Cup Acoustic			Ride Cymbal Cup Acoustic			Ride Cymbal Cup Acoustic		
54	F#2	F#3	Tambourine			Tambourine			Tambourine			Tambourine		
55	G2	G3	Splash Cymbal			Splash Cymbal Acoustic			Splash Cymbal Acoustic			Splash Cymbal Acoustic		
56	G#2	G#3	Cowbell			Cowbell			Cowbell			Cowbell		
57	A2	A3	Crash Cymbal 2			Crash Cymbal Acoustic 2			Crash Cymbal Acoustic 2			Crash Cymbal Acoustic 2		
58	A#2	A#3	Vibraslap			Vibraslap			Vibraslap			Vibraslap		
59	B2	B3	Ride Cymbal 2			Ride Cymbal Acoustic 2			Ride Cymbal Acoustic 2			Ride Cymbal Acoustic 2		
60	C3	C4	Bongo H			Bongo H			Bongo H			Bongo H		
61	C#3	C#4	Bongo L			Bongo L			Bongo L			Bongo L		
62	D3	D4	Conga H Mute			Conga H Mute			Conga H Mute			Conga H Mute		
63	D#3	D#4	Conga H Open			Conga H Open			Conga H Open			Conga H Open		
64	E3	E4	Conga L			Conga L			Conga L			Conga L		
65	F3	F4	Timbale H			Timbale H			Timbale H			Timbale H		
66	F#3	F#4	Timbale L			Timbale L			Timbale L			Timbale L		
67	G3	G4	Agogo H			Agogo H			Agogo H			Agogo H		
68	G#3	G#4	Agogo L			Agogo L			Agogo L			Agogo L		
69	A3	A4	Cabasa			Cabasa			Cabasa			Cabasa		
70	A#3	A#4	Maracas			Maracas			Maracas			Maracas		
71	B3	B4	Samba Whistle H	●		Samba Whistle H	●		Samba Whistle H	●		Samba Whistle H	●	
72	C4	C5	Samba Whistle L	●		Samba Whistle L	●		Samba Whistle L	●		Samba Whistle L	●	
73	C#4	C#5	Guiro Short			Guiro Short			Guiro Short			Guiro Short		
74	D4	D5	Guiro Long	●		Guiro Long	●		Guiro Long	●		Guiro Long	●	
75	D#4	D#5	Claves			Claves			Claves			Claves		
76	E4	E5	Wood Block H			Wood Block H			Wood Block H			Wood Block H		
77	F4	F5	Wood Block L			Wood Block L			Wood Block L			Wood Block L		
78	F#4	F#5	Cuica Mute			Cuica Mute			Cuica Mute			Cuica Mute		
79	G4	G5	Cuica Open			Cuica Open			Cuica Open			Cuica Open		
80	G#4	G#5	Triangle Mute	2		Triangle Mute	2		Triangle Mute	2		Triangle Mute	2	
81	A4	A5	Triangle Open	2		Triangle Open	2		Triangle Open	2		Triangle Open	2	
82	A#4	A#5	Shaker			Shaker			Shaker			Shaker		
83	B4	B5	Jingle Bells			Jingle Bells			Jingle Bells			Jingle Bells		
84	C5	C6	Bell Tree			Wind Chime			Wind Chime			Wind Chime		
85	C#5	C#6												
86	D5	D6												
87	D#5	D#6												
88	E5	E6												
89	F5	F6												
90	F#5	F#6												
91	G5	G6												

*1 Key Off: Keys marked "●" stop sounding the instant they are released.

*2 Alternate Group: Playing any instrument within a numbered group will immediately stop the sound of any other instrument in the same group of the same number.

Same as StandardKit 1 No Sound

Drum/SFX Kit List / Drum/SFX-Kit-Liste / Liste des kits de batterie/SFX / Lista de conjuntos de percusión/efectos especiales

Kit Name			RockKit			RealDrums			ChineseMixKit			SFXKit1		
MSB-LSB-PC# (1-128)			127-0-91			127-0-92			127-0-128			126-0-1		
Note#	MIDI		Full Name	Key Off (*1)	Alt Group (*2)	Full Name	Key Off (*1)	Alt Group (*2)	Full Name	Key Off (*1)	Alt Group (*2)	Full Name	Key Off (*1)	Alt Group (*2)
	Note	Keyboard Note												
13	C#-1	C#0	Surdo Mute		3	Surdo Mute		3	Surdo Mute		3			
14	D-1	D0	Surdo Open		3	Surdo Open		3	Surdo Open		3			
15	D#-1	D#0	Hi Q			Hi Q			Hi Q					
16	E-1	E0	Whip Slap			Whip Slap			Whip Slap					
17	F-1	F0	Scratch H		4	Scratch H		4	Scratch H		4			
18	F#-1	F#0	Scratch L		4	Scratch L		4	Scratch L		4			
19	G-1	G0	Finger Snap			Finger Snap			Finger Snap					
20	G#-1	G#0	Click Noise			Click Noise			Click Noise					
21	A-1	A0	Metronome Click			Metronome Click			Metronome Click					
22	A#-1	A#0	Metronome Bell			Metronome Bell			Metronome Bell					
23	B-1	B0	Seq Click L			Seq Click L			Seq Click L					
24	C0	C1	Seq Click H			Seq Click H			Seq Click H					
25	C#0	C#1	Brush Tap			Brush Tap			Brush Tap					
26	D0	D1	Brush Swirl	●		Brush Tap Swirl	●		Brush Swirl	●				
27	D#0	D#1	Brush Slap			Brush Slap			Brush Slap					
28	E0	E1	Brush Tap Swirl	●		Brush Tap Swirl	●		Brush Tap Swirl	●				
29	F0	F1	Snare Roll Rock	●		Snare Roll Rock	●		Snare Roll	●				
30	F#0	F#1	Castanet			Castanet			Castanet					
31	G0	G1	Snare Soft Rock			Snare Tight			Snare Soft					
32	G#0	G#1	Sticks			Sticks			Sticks					
33	A0	A1	Kick Soft Rock			Kick Genuine			Kick Soft					
34	A#0	A#1	Rim Rock			Rim Real			Open Rim Shot					
35	B0	B1	Kick Rock Heavy			Kick Real 1			Kick Tight					
36	C1	C2	Kick Rock			Kick Real 2			Kick			Cutting Noise 1	●	
37	C#1	C#2	Stick Rock			Stick Real			Side Stick			Cutting Noise 2	●	
38	D1	D2	Snare Rock			Snare Real 1			Snare					
39	D#1	D#2	Hand Clap Power			Clap Power			Hand Clap			String Slap	●	
40	E1	E2	Snare Dry Rock			Snare Real 2			Snare Tight					
41	F1	F2	Tom Rock 1			Tom Real 1			Floor Tom L					
42	F#1	F#2	Hi-Hat Closed Rock	1		Hi-Hat Closed Real	1		Hi-Hat Closed	1				
43	G1	G2	Tom Rock 2			Tom Real 2			Floor Tom H					
44	G#1	G#2	Hi-Hat Pedal Rock	1		Hi-Hat Pedal Real	1		Hi-Hat Pedal	1				
45	A1	A2	Tom Rock 3			Tom Real 3			Low Tom					
46	A#1	A#2	Hi-Hat Open Rock	1		Hi-Hat Open Real	1		Hi-Hat Open	1				
47	B1	B2	Tom Rock 4			Tom Real 4			Mid Tom L					
48	C2	C3	Tom Rock 5			Tom Real 5			Mid Tom H					
49	C#2	C#3	Crash Cymbal Acoustic 1			Crash Cymbal Real 1			Crash Cymbal 1					
50	D2	D3	Tom Rock 6			Tom Real 6			High Tom					
51	D#2	D#3	Ride Cymbal Acoustic 1			Ride Cymbal Real 1			Ride Cymbal 1					
52	E2	E3	China Cymbal Acoustic			China Cymbal Real			China Cymbal			Flute Key Click	●	
53	F2	F3	Ride Cymbal Cup Acoustic			Ride Cymbal Cup Real			Ride Cymbal Cup					
54	F#2	F#3	Tambourine			Tambourine			Tambourine					
55	G2	G3	Splash Cymbal Acoustic			Splash Cymbal Real			Splash Cymbal					
56	G#2	G#3	Cowbell			Cowbell			Cowbell					
57	A2	A3	Crash Cymbal Acoustic 2			Crash Cymbal Real 2			Crash Cymbal 2					
58	A#2	A#3	Vibraslap			Vibraslap			Vibraslap					
59	B2	B3	Ride Cymbal Acoustic 2			Ride Cymbal Real 2			Ride Cymbal 2					
60	C3	C4	Bongo H			Bongo H			Bongo H					
61	C#3	C#4	Bongo L			Bongo L			Bongo L					
62	D3	D4	Conga H Mute			Conga H Mute			Conga H Mute					
63	D#3	D#4	Conga H Open			Conga H Open			Conga H Open					
64	E3	E4	Conga L			Conga L			Conga L					
65	F3	F4	Timbale H			Timbale H			Timbale H					
66	F#3	F#4	Timbale L			Timbale L			Timbale L					
67	G3	G4	Agogo H			Agogo H			Dagu Mute		4			
68	G#3	G#4	Agogo L			Agogo L			Zhongcha Mute		5	Shower	●	
69	A3	A4	Cabasa			Cabasa			Dagu Heavy		4	Thunder	●	
70	A#3	A#4	Maracas			Maracas			Zhongcha Open		5	Wind	●	
71	B3	B4	Samba Whistle H	●		Samba Whistle H	●		Paigu Middle	●		Stream	●	
72	C4	C5	Samba Whistle L	●		Samba Whistle L	●		Paigu Low	●		Bubble	●	
73	C#4	C#5	Guiro Short			Guiro Short			Xiaocha Mute		6	Feed	●	
74	D4	D5	Guiro Long	●		Guiro Long	●		Bangu	●				
75	D#4	D#5	Claves			Claves			Xiaocha Open		6			
76	E4	E5	Wood Block H			Wood Block H			Bangzi					
77	F4	F5	Wood Block L			Wood Block L			Muyu Low					
78	F#4	F#5	Cuica Mute			Cuica Mute			Zhongluo Mute		7			
79	G4	G5	Cuica Open			Cuica Open			Muyu Mid-Low					
80	G#4	G#5	Triangle Mute		2	Triangle Mute		2	Zhongluo Open		7			
81	A4	A5	Triangle Open		2	Triangle Open		2	Muyu Middle					
82	A#4	A#5	Shaker			Shaker			Xiaoluo Open					
83	B4	B5	Jingle Bells			Jingle Bells			Muyu Mid-High					
84	C5	C6	Wind Chime			Wind Chime			Muyu High			Dog	●	
85	C#5	C#6										Horse	●	
86	D5	D6										Bird Tweet	●	
87	D#5	D#6												
88	E5	E6												
89	F5	F6												
90	F#5	F#6										Ghost	●	
91	G5	G6										Maou	●	

*1 Key Off: Keys marked "●" stop sounding the instant they are released.

*2 Alternate Group: Playing any instrument within a numbered group will immediately stop the sound of any other instrument in the same group of the same number.

Same as StandardKit1 No Sound

Drum/SFX Kit List / Drum/SFX-Kit-Liste / Liste des kits de batterie/SFX / Lista de conjuntos de percusión/efectos especiales

Kit Name			SFXKit2			NoisesKit			TurkishPercKit1			TurkishPercKit2		
MSB-LSB-PC# (1-128)			126-0-2			126-0-9			126-0-10			126-0-11		
MIDI		Keyboard Note	Full Name	Key Off (*1)	Alt Group (*2)	Full Name	Key Off (*1)	Alt Group (*2)	Full Name	Key Off (*1)	Alt Group (*2)	Full Name	Key Off (*1)	Alt Group (*2)
Note#	Note													
13	C#-1	C#0							Bendir Suat Tek 1			Bendir Suat Tek 1		
14	D-1	D0							Bendir Suat Dum			Bendir Suat Dum		
15	D#-1	D#0							Bendir Suat Tek 2			Bendir Suat Tek 2		
16	E-1	E0							Bendir Suat Kap			Bendir Suat Kap		
17	F-1	F0							Bendir Suat Tek 3			Bendir Suat Tek 3		
18	F#-1	F#0							Emn Bendir Tek1			Emn Bendir Tek 1		
19	G-1	G0							Emn Bendir Dum			Emn Bendir Dum		
20	G#-1	G#0							Emn Bendir Tek2			Emn Bendir Tek 2		
21	A-1	A0							Emn Bendir Kapali			Emn Bendir Kapali		
22	A#-1	A#0							Emn Bendir Tek3			Emn Bendir Tek 3		
23	B-1	B0							Emn Bendir Tek4			Emn Bendir Tek 4		
24	C0	C1							Ayt Def Parmak Zil Dum			Ayt Def Parmak Zil Dum		
25	C#0	C#1							Ayt Def Parmak Zil Roll			Ayt Def Parmak Zil Roll		
26	D0	D1							Ayt Def Parmak Zil Tek2			Ayt Def Parmak Zil Tek2		
27	D#0	D#1							Ayt Def Parmak Zil Tek3			Ayt Def Parmak Zil Tek3		
28	E0	E1							Ayt Def Parmak Zil Tek4			Ayt Def Parmak Zil Tek4		
29	F0	F1							Mc Parmak Def Dum			Mc Parmak Def Dum		
30	F#0	F#1							Mc Parmak Def Roll			Mc Parmak Def Roll		
31	G0	G1							Mc Parmak Def Tek 1			Mc Parmak Def Tek 1		
32	G#0	G#1							Mc Parmak Def Tek 2			Mc Parmak Def Tek 2		
33	A0	A1							Mc Parmak Def Tek 3			Mc Parmak Def Tek 3		
34	A#0	A#1							Mc Parmak Def Tek 4			Mc Parmak Def Tek 4		
35	B0	B1							Mc Parmak Def Kenar			Udu Dum 1		
36	C1	C2	Phone Call	●		White Noise	●		Ayt Open Def Dum			Ayt Open Def Dum		
37	C#1	C#2	Door Squeak	●		Pink Noise	●		Ayt Open Def Roll			Ayt Open Def Roll		
38	D1	D2	Door Slam	●		White Noise Down 1	●		Ayt Open Def Tokat			Ayt Open Def Tokat		
39	D#1	D#2	Scratch Cut	●		Pink Noise Down 1	●		Ayt Open Def Tek 1			Ayt Open Def Tek 1		
40	E1	E2	Scratch Split	●		White Noise Down 2	●		Ayt Open Def Tek 2			Ayt Open Def Tek 2		
41	F1	F2	Wind Chime	●		Pink Noise Down 2	●		T Drbk Dum			Udu Dum 2		
42	F#1	F#2	Telephone Ring	●		White Noise Up 2	●		T Drbk Roll			Udu Bass Tek 2		
43	G1	G2				White Noise Up 1	●		T Drbk Tok			Udu Bass Tek 3		
44	G#1	G#2				Pink Noise Up	●		T Drbk Tek 1			Udu Bass Tek 4		
45	A1	A2				White Noise Up Release	●		T Drbk Tek 2			Udu Bass Tek 5		
46	A#1	A#2				Pink Noise Up Release	●		T Drbk Tek 3			Udu High Tek 1		
47	B1	B2				White Noise Up LFO	●		T Drbk Tek 4			Udu High Tek 2		
48	C2	C3				Pink Noise Up LFO	●		Ayt Alm Tek 1			Mc Kemik Def Left Dum		
49	C#2	C#3							Ayt Alm Tek 2			Mc Kemik Def Left Tek1		
50	D2	D3							Ayt Alm Tek 3			Mc Kemik Def Left Tek2		
51	D#2	D#3							Ayt Alm Tek 4			Mc Kemik Def Left Tek3		
52	E2	E3	Car Engine Ignition	●					Ayt Alm Tek 5			Mc Kemik Def Left Tek4		
53	F2	F3	Car Tires Squeal	●					Suat Darbuka Dum			Suat Darbuka Dum		
54	F#2	F#3	Car Passing	●					Suat Darbuka Roll			Suat Darbuka Roll		
55	G2	G3	Car Crash	●					Suat Darbuka Tokat			Suat Darbuka Tokat		
56	G#2	G#3	Siren	●					Suat Darbuka Tek1			Suat Darbuka Tek1		
57	A2	A3	Train	●					Suat Darbuka Tek2			Suat Darbuka Tek2		
58	A#2	A#3	Jet Plane	●					Suat Darbuka Tek3			Suat Darbuka Tek3		
59	B2	B3	Starship	●					Suat Darbuka Tek4			Udu High Tek 3		
60	C3	C4	Burst	●					Cajon List			Cajon List		
61	C#3	C#4	Roller Coaster	●					Tsm Mix List			Tsm Mix List		
62	D3	D4	Submarine	●					Art Bass Bendir Dum			Hallo Stereo Dum		
63	D#3	D#4							Hallo Stereo Kapali			Hallo Stereo Kapali		
64	E3	E4							Art Bass Bendir Tek1			Udu High Tek 4		
65	F3	F4							MC Bass Darbuka Dum			MC Bass Darbuka Dum		
66	F#3	F#4							MC Bass Darbuka Roll1			MC Bass Darbuka Roll1		
67	G3	G4							MC Bass Darbuka Tokat			MC Bass Darbuka Tokat		
68	G#3	G#4	Laugh	●					MC Bass Darbuka Tek1			MC Bass Darbuka Tek1		
69	A3	A4	Scream	●					MC Bass Darbuka Tek2			MC Bass Darbuka Tek2		
70	A#3	A#4	Punch	●					MC Bass Darbuka Tek3			MC Bass Darbuka Tek3		
71	B3	B4	Heart Beat	●					MC Bass Darbuka Tek4			MC Bass Darbuka Tek4		
72	C4	C5	Foot Steps	●					Dansoz Zili 1			Udu High Tek 5		
73	C#4	C#5							Dansoz Zili 2			Ayt Alm Tek 1		
74	D4	D5							Dansoz Zili 3			Ayt Alm Tek 2		
75	D#4	D#5							Dansoz Zili 4			Ayt Alm Tek 3		
76	E4	E5							Ayt Darbuka Roll2			Ayt Darbuka Roll2		
77	F4	F5							Ayt Darbuka Dum			Ayt Darbuka Dum		
78	F#4	F#5							Ayt Darbuka Roll1			Ayt Darbuka Roll1		
79	G4	G5							Ayt Darbuka Tok			Ayt Darbuka Tok		
80	G#4	G#5							Ayt Darbuka Tek1			Ayt Darbuka Tek1		
81	A4	A5							Ayt Darbuka Tek2			Ayt Darbuka Tek2		
82	A#4	A#5							Ayt Darbuka Tek3			Ayt Darbuka Tek3		
83	B4	B5							Ayt Darbuka Tek4			Ayt Darbuka Tek4		
84	C5	C6	Machine Gun	●					Ayt Darbuka Tek5			Ayt Darbuka Tek5		
85	C#5	C#6	Laser Gun	●					Art Bass Bendir Tek2			Ayt Alm Tek 4		
86	D5	D6	Explosion	●					Ayt Darbuka Trak2			MC Kemik Def List		
87	D#5	D#6	Firework	●					Ayt Alm Roll 2			Ayt Alm Roll 2		
88	E5	E6							Ayt Alm Dum2			Art Bass Bendir Tek1		
89	F5	F6							Ayt Alm Dum1			Ayt Alm Dum1		
90	F#5	F#6							Ayt Alm Roll 1			Ayt Alm Roll 1		
91	G5	G6							Ayt Alm Tokat			Ayt Alm Tokat		

*1 Key Off: Keys marked "●" stop sounding the instant they are released.

*2 Alternate Group: Playing any instrument within a numbered group will immediately stop the sound of any other instrument in the same group of the same number.

Same as StandardKit1 No Sound

Drum/SFX Kit List / Drum/SFX-Kit-Liste / Liste des kits de batterie/SFX / Lista de conjuntos de percusión/efectos especiales

Kit Name		TurkishPercKit3			TurkishPercKit4			2TelliKit			AnkaraKit		
MSB-LSB-PC# (1-128)		126-0-12			126-0-13			126-0-14			126-0-15		
MIDI	Keyboard	Full Name	Key Off (*1)	Alt Group (*2)	Full Name	Key Off (*1)	Alt Group (*2)	Full Name	Key Off (*1)	Alt Group (*2)	Full Name	Key Off (*1)	Alt Group (*2)
Note#	Note												
13	C#-1	C#0			Bendir Suat Tek 1			Cirpak Darbuka 1 Tek2			Bendir Suat Tek 1		
14	D-1	D0			Bendir Suat Dum			Cirpak Darbuka 1 Tek3			Bendir Suat Dum		
15	D#-1	D#0			Bendir Suat Tek 2			Cirpak Darbuka 1 Tek4			Bendir Suat Tek 2		
16	E-1	E0			Bendir Suat Kap			Dansoz Zili 1			Bendir Suat Kap		
17	F-1	F0			Bendir Suat Tek 3			Grup Davul Dum 1			Bendir Suat Tek 3		
18	F#-1	F#0			Dansoz Zili 1			Dansoz Zili 2			Emn Bendir Tek1		
19	G-1	G0			Dansoz Zili 2			Grup Davul Dum 2			Emn Bendir Dum		
20	G#-1	G#0			Dansoz Zili 3			Grup Davul Tek 1			Emn Bendir Tek2		
21	A-1	A0			Dansoz Zili 4			Grup Davul Tek 2			Emn Bendir Kapali		
22	A#-1	A#0			Suat Drbk Tokat			Grup Davul Tek 3			Emn Bendir Tek3		
23	B-1	B0			Ayt Alm Tek 1			Grup Davul Tek 4			Emn Bendir Tek4		
24	C0	C1			Ayt Open Def Dum			Ayt Open Def Dum			Ayt Open Def Dum		
25	C#0	C#1			Ayt Alm Tek 2			Ayt Open Def Roll			Ayt Open Def Roll		
26	D0	D1			Ayt Open Def Tokat			Ayt Open Def Tokat			Ayt Open Def Tokat		
27	D#0	D#1			Ayt Open Def Tek 1			Ayt Open Def Tek 1			Ayt Open Def Tek 1		
28	E0	E1			Ayt Open Def Tek 2			Ayt Open Def Tek 2			Ayt Open Def Tek 2		
29	F0	F1			T Drbk Dum			Dansoz Zili 1			T Drbk Dum		
30	F#0	F#1			Ayt Alm Tek 3			Dansoz Zili 3			T Drbk Roll		
31	G0	G1			T Drbk Tok			Dansoz Zili 4			T Drbk Tok		
32	G#0	G#1			Ayt Alm Tek 4			T Drbk Tek 1			T Drbk Tek 1		
33	A0	A1			Tsm Mix Dum			T Drbk Tek 2			T Drbk Tek 2		
34	A#0	A#1			Tsm Mix Kapali 2			T Drbk Tek 3			T Drbk Tek 3		
35	B0	B1			Tsm Mix Tek1			Stereo Bendir Dum			T Drbk Tek 4		
36	C1	C2			EQ Darbuka Tir 3			Stereo Bendir Kap			EQ Darbuka Tir 3		
37	C#1	C#2			EQ Darbuka Tir 2			Stereo Bendir Tek1			EQ Darbuka Tir 2		
38	D1	D2			Tsm Mix Tek 2			Stereo Bendir Tek2			Dansoz Zili 2		
39	D#1	D#2			Tsm Mix Tek 3			EQ Darbuka Roll 2			Dansoz Zili 3		
40	E1	E2			Tsm Mix Tek 4			EQ Darbuka Dum 2			Dansoz Zili 4		
41	F1	F2			EQ Darbuka Dum1			EQ Darbuka Dum 1			Suat Darbuka Dum		
42	F#1	F#2			EQ Darbuka Roll 1			EQ Darbuka Roll 1			Suat Darbuka Tok		
43	G1	G2			EQ Darbuka Tokat			EQ Darbuka Tokat			Suat Darbuka Tek5		
44	G#1	G#2			EQ Darbuka Tek01			EQ Darbuka Tek01			EQ Darbuka Tek 01		
45	A1	A2			EQ Darbuka Tek02			EQ Darbuka Tek02			EQ Darbuka Tek 02		
46	A#1	A#2			EQ Darbuka Tek03			EQ Darbuka Tek03			EQ Darbuka Tek 03		
47	B1	B2			EQ Darbuka Tek04			EQ Darbuka Tek04			EQ Darbuka Tek 04		
48	C2	C3			EQ Darbuka Tek05			EQ Darbuka Rak 1			EQ Darbuka Tek 05		
49	C#2	C#3			EQ Darbuka Tek06			EQ Darbuka Tek10			EQ Darbuka Tek 06		
50	D2	D3			EQ Darbuka Tek07			Suat Darbuka 1 Roll			EQ Darbuka Tek 07		
51	D#2	D#3			EQ Darbuka Tek08			Suat Darbuka Tek 3			EQ Darbuka Tek 08		
52	E2	E3			EQ Darbuka Tek09			Suat Darbuka Tek 4			EQ Darbuka Tek 09		
53	F2	F3			EQ Darbuka Tek10			EQ Darbuka Tek 10			EQ Darbuka Tek 10		
54	F#2	F#3			EQ Darbuka Rak 1			EQ Darbuka Rak 1			EQ Darbuka Rak 1		
55	G2	G3			EQ Darbuka Rak 2			EQ Darbuka Rak 2			EQ Darbuka Rak 2		
56	G#2	G#3			EQ Darbuka Rak 3			EQ Darbuka Rak 3			EQ Darbuka Rak 3		
57	A2	A3			EQ Darbuka Twin 1			EQ Darbuka Twin 1			EQ Darbuka Twin 1		
58	A#2	A#3			EQ Darbuka Twin 2			EQ Darbuka Twin 2			EQ Darbuka Twin 2		
59	B2	B3			EQ Darbuka Tram 3			EQ Darbuka Tram 3			EQ Darbuka Tram 3		
60	C3	C4			EQ Darbuka Tram 2			EQ Darbuka Tram 2			EQ Darbuka Tram 2		
61	C#3	C#4			EQ Darbuka Tram 1			EQ Darbuka Tram 1			EQ Darbuka Tram 1		
62	D3	D4			Hallo Stereo Dum			Ayt Alm Tek 1			Sm Davul Dum		
63	D#3	D#4			Hallo Stereo Kapali			Ayt Alm Tek 2			Sm Davul Tek1		
64	E3	E4			MC Bass Darbuka Roll2			Ayt Alm Tek 3			Sm Davul Tek2		
65	F3	F4			MC Bass Darbuka Dum			MC Bass Darbuka Dum			Sm Davul Tek3		
66	F#3	F#4			MC Bass Darbuka Roll1			MC Bass Darbuka Roll1			Sm Davul Tek4		
67	G3	G4			MC Bass Darbuka Tokat			MC Bass Darbuka Tokat			Sm Davul Tek5		
68	G#3	G#4			MC Bass Darbuka Tek1			MC Bass Darbuka Tek1			Tsm Mix Tek1		
69	A3	A4			MC Bass Darbuka Tek2			MC Bass Darbuka Tek2			N Davul Dum3		
70	A#3	A#4			MC Bass Darbuka Tek3			MC Bass Darbuka Tek3			Ams Davul Dum 1		
71	B3	B4			MC Bass Darbuka Tek4			MC Bass Darbuka Tek4			Tsm Mix Tek2		
72	C4	C5			Grup Davul THM mix List			Ayt Alm Tek 4			Ams Davul Tek 1		
73	C#4	C#5			Arbane Grup Art Bass List			Tsm Mix Dum			Ams Davul Tek 2		
74	D4	D5			Ayt Darbuka Trak2			Tsm Mix Tek1			Ams Davul Tek 3		
75	D#4	D#5			Ayt Darbuka Roll2			Ayt Darbuka Roll2			Ams Davul Tek 4		
76	E4	E5			Ayt Darbuka Trak1			Tsm Mix Tek2			Tsm Mix Tek3		
77	F4	F5			Ayt Darbuka Dum			Ayt Darbuka Dum			Cirpak Darbuka 2 Dum		
78	F#4	F#5			Ayt Darbuka Roll1			Ayt Darbuka Roll1			Cirpak Darbuka 2 Roll		
79	G4	G5			Ayt Darbuka Tok			Ayt Darbuka Tok			Cirpak Darbuka 2 Tok		
80	G#4	G#5			Ayt Darbuka Tek1			Ayt Darbuka Tek1			Cirpak Darbuka 2 Tek1		
81	A4	A5			Ayt Darbuka Tek2			Ayt Darbuka Tek2			Tsm Mix Tek4		
82	A#4	A#5			Ayt Darbuka Tek3			Ayt Darbuka Tek3			N Davul Dum2		
83	B4	B5			Ayt Darbuka Tek4			Ayt Darbuka Tek4			P Davul Dum Cr		
84	C5	C6			Darbuka Finger List			Ayt Darbuka Tek5			P Davul Dum		
85	C#5	C#6			Eq Darbuka Finger List			Eq Darbuka Finger List			P Davul Dum Tek1		
86	D5	D6			Ayt Comlek Darbuka Finger			Tsm Mix Tek3			P Davul Dum Tek2		
87	D#5	D#6			Ayt Alm Roll 2			Ayt Alm Roll 2			N Davul Dum3		
88	E5	E6			Ayt Alm Dum2			Tsm Mix Tek4			N Davul Tek1		
89	F5	F6			Ayt Alm Dum1			Ayt Alm Dum1			N Davul Tek3		
90	F#5	F#6			Ayt Alm Roll 1			Ayt Alm Roll 1			N Davul Tek4		
91	G5	G6			Ayt Alm Tokat			Ayt Alm Tokat			N Davul Tk1		

*1 Key Off: Keys marked "●" stop sounding the instant they are released.

*2 Alternate Group: Playing any instrument within a numbered group will immediately stop the sound of any other instrument in the same group of the same number.

Same as StandardKit1 No Sound

Drum/SFX Kit List / Drum/SFX-Kit-Liste / Liste des kits de batterie/SFX / Lista de conjuntos de percusión/efectos especiales

Kit Name			DavulKit			BassDrumKit			ReverseBDKit			ArabicKit2 (Legacy)		
MSB-LSB-PC# (1-128)			126-0-20			126-0-21			126-0-22			126-0-36		
MIDI		Keyboard Note	Full Name	Key Off (*1)	Alt Group (*2)	Full Name	Key Off (*1)	Alt Group (*2)	Full Name	Key Off (*1)	Alt Group (*2)	Full Name	Key Off (*1)	Alt Group (*2)
Note#	Note													
13	C#-1	C#0	Bendir Suat Tek 1			BD Electro			Reverse BD Electro					
14	D-1	D0	Bendir Suat Dum			BD FX Gate			Reverse BD Fx Gate					
15	D#-1	D#0	Bendir Suat Tek 2			BD Hammer			Reverse BD Hammer					
16	E-1	E0	Bendir Suat Kap			BD Analog Power			Reverse BD Analog Power					
17	F-1	F0	Bendir Suat Tek 3			BD Analog Distortion 5								
18	F#-1	F#0	Emn Bendir Tek1			BD Analog Distortion 6			Reverse BD Analog Distortion 6					
19	G-1	G0	Emn Bendir Dum			BD Analog Distortion 4								
20	G#-1	G#0	Emn Bendir Tek2			BD Analog Distortion 3			Reverse BD Analog Distortion 3					
21	A-1	A0	Emn Bendir Kapali			BD Analog Distortion 2			Reverse BD Analog Distortion 2					
22	A#-1	A#0	Emn Bendir Tek3			BD Analog Tight			Reverse BD Analog Tight					
23	B-1	B0	Emn Bendir Tek4			BD Analog 94			Reverse BD Analog 94					
24	C0	C1	Dansoz Zili 1			BD Analog Blip 2			Reverse BD Analog Blip 2			Nakarazan Dom		
25	C#0	C#1	Dansoz Zili 2			BD Analog Rubber 2			Reverse BD Analog Rubber 2			Cabasa		
26	D0	D1	Dansoz Zili 3			BD Analog 93			Reverse BD Analog 93			Nakarazan Edge		
27	D#0	D#1	Dansoz Zili 4			BD Analog 90			Reverse BD Analog 90			Hager Dom		
28	E0	E1	Ayt Open Def Tek 1			BD Analog 83			Reverse BD Analog 83			Hager Edge		
29	F0	F1	T Drbk Dum			BD Analog 82			Reverse BD Analog 82			Bongo H		
30	F#0	F#1	T Drbk Roll			BD Analog 92						Bongo L		
31	G0	G1	T Drbk Tok			BD Analog 91			Reverse BD Analog 91			Conga H Mute		
32	G#0	G#1	T Drbk Tek 1			BD Analog Deep			Reverse BD Analog Deep			Conga H Open		
33	A0	A1	T Drbk Tek 2			BD Analog Hard 2						Conga L		
34	A#0	A#1	T Drbk Tek 3			BD Analog Hard 1			Reverse BD Analog Hard 1			Zagrouda H		
35	B0	B1	T Drbk Tek 4			BD Analog Blip 1			Reverse BD Analog Blip 1			Zagrouda L		●
36	C1	C2	Ayt Alm Tek 1			BD Analog Rubber 1			Reverse BD Analog Rubber 1			Kick Soft		
37	C#1	C#2	Ayt Alm Tek 2			BD Analog Loose			Reverse BD Analog Loose			Side Stick		
38	D1	D2	Ayt Alm Tek 3			BD Synth 1			Reverse BD Synth 1			Snare Soft		
39	D#1	D#2	Ayt Alm Tek 4			BD Synth 2			Reverse BD Synth 2			Arabic Hand Clap		
40	E1	E2	Ayt Alm Tek 5			BD Analog Distortion 1			Reverse BD Analog Distortion 1			Snare Drum		
41	F1	F2	Tsm Mix Kap1			Ripper			Reverse Ripper			Floor Tom L		
42	F#1	F#2	Tsm Mix Dum			BD Analog 70 L						Hi-Hat Closed		1
43	G1	G2	Tsm Mix Kap2			BD Analog 70			Reverse BD Analog 70			Floor Tom H		
44	G#1	G#2	Tsm Mix Tek1			BD Analog 80			Reverse BD Analog 81			Hi-Hat Pedal		1
45	A1	A2	Tsm Mix Tek2			BD Analog 80 Long						Low Tom		
46	A#1	A#2	Tsm Mix Tek3			BD Dry			Reverse BD Dry			Hi-Hat Open		1
47	B1	B2	Tsm Mix Tek4			BD Dry Hard						Mid Tom L		
48	C2	C3	Hallo Stereo Dum			BD Room 1						Mid Tom H		
49	C#2	C#3	Hallo Stereo Kapali			BD Soft			Reverse BD Soft			Crash Cymbal 1		
50	D2	D3	N Davul Tk			BD Room 2			Reverse BD Room 2			High Tom		
51	D#2	D#3	Sm Davul Dum			BD Break Lo-fi 2			Reverse BD Break Lo-fi 2			Ride Cymbal 1		
52	E2	E3	Sm Davul Roll			BD Break Lo-fi 1			Reverse BD Break Lo-fi 1			Crash Cymbal 2		
53	F2	F3	Sm Davul Tek1			BD & Hi-Hat Open			Reverse BD & Hi-Hat Open			Duhulla Dom		
54	F#2	F#3	Sm Davul Tek2			BD Jungle 2						Tambourine		
55	G2	G3	Sm Davul Tek3			BD Jungle 1						Duhulla Tak		
56	G#2	G#3	Sm Davul Tek4			BD Jungle 3			Reverse BD Jungle 3			Cowbell		
57	A2	A3	Sm Davul Tek5			BD D&B 1			Reverse BD D&B 1			Duhulla Sak		
58	A#2	A#3	Sm Davul Dum Cr			BD D&B 2			Reverse BD D&B 2			Claves		
59	B2	B3	EQ Darbuka Tram 3			BD RX5 1			Reverse BD RX5 1			Doff Dom		
60	C3	C4	EQ Darbuka Tram 2			BD RX5 2			Reverse BD RX5 2			Katem Dom		
61	C#3	C#4	EQ Darbuka Tram 1			BD Room 3			Reverse BD Room 3			Katem Tak		
62	D3	D4				BD Power Gate			Reverse BD Power Gate			Katem Sak		
63	D#3	D#4	Vlk Davul Roll2			BD R&B 1			Reverse BD R&B 1			Katem Tak		
64	E3	E4	Vlk Davul Dum 2			BD R&B 2			Reverse BD R&B 2			Doff Tak		
65	F3	F4	Vlk Davul Dum 1			BD Lo-fi			Reverse BD Lo-fi			Tabla Dom		
66	F#3	F#4	Vlk Davul Roll1			BD Hip Deep						Tabla Tak 1		
67	G3	G4	Vlk Davul Tek 1			BD Break Deep			Reverse BD Break Deep			Tabla Tik		
68	G#3	G#4	Vlk Davul Tek 2			BD Break Heavy			Reverse BD Break Heavy			Tabla Tak 2		
69	A3	A4	Vlk Davul Tek 3			BD Break Hard			Reverse BD Break Hard			Tabla Sak		
70	A#3	A#4	Vlk Davul Tek 4			Big Drum			Reverse Big Drum			Tabla Roll Edge		●
71	B3	B4	Vlk Davul Tek 5			Taiko Drum			Reverse Taiko Drum			Tabla Flam		
72	C4	C5	Vlk Davul Tek 6			Surdo Open			Reverse Surdo Open			Sagat 1		
73	C#4	C#5	Vlk Davul Tik			Feet 2			Reverse Feet 2			Table Dom		
74	D4	D5	Ayt Darbuka Trak2			BD Industrial			Reverse Tom Industrial			Sagat 3		
75	D#4	D#5	Ayt Darbuka Roll2			Door Slam			Reverse Door Slam			Table Tak		
76	E4	E5	Ayt Darbuka Trak1			Punch			Reverse Punch			Sagat 2		
77	F4	F5	Ayt Darbuka Dum			Heart						Rik Dom		
78	F#4	F#5	Ayt Darbuka Roll1			Feet 1			Reverse Feet 1			Rik Tak 2		
79	G4	G5	Ayt Darbuka Tok			BD Human			Reverse BD Human			Rik Finger 1		
80	G#4	G#5	Ayt Darbuka Tek1			BD Human Deep			Reverse BD Human Deep			Rik Tak 1		
81	A4	A5	Ayt Darbuka Tek2			Vox Buh!			Reverse Vox Buh!			Rik Finger 2		
82	A#4	A#5	Ayt Darbuka Tek3			Vox Muh!			Reverse Vox Muh!			Rik Brass Tremolo		●
83	B4	B5	Ayt Darbuka Tek4									Rik Sak		
84	C5	C6	Ayt Darbuka Tek5									Rik Tik		
85	C#5	C#6	Ayt Darbuka Roll3											
86	D5	D6	Ayt Darbuka Hand Roll											
87	D#5	D#6	Ayt Alm Roll 2											
88	E5	E6	Ayt Alm Dum2											
89	F5	F6	Ayt Alm Dum1											
90	F#5	F#6	Ayt Alm Roll 1											
91	G5	G6	Ayt Alm Tokat											

*1 Key Off: Keys marked "●" stop sounding the instant they are released.

*2 Alternate Group: Playing any instrument within a numbered group will immediately stop the sound of any other instrument in the same group of the same number.

Same as StandardKit1 No Sound

Drum/SFX Kit List / Drum/SFX-Kit-Liste / Liste des kits de batterie/SFX / Lista de conjuntos de percusión/efectos especiales

Kit Name			ArabicKit1 (Legacy)			KhaligiKit (Legacy)			IranianKit (Legacy)			CubanKit		
MSB-LSB-PC# (1-128)			126-0-37			126-0-38			126-0-39			126-0-41		
Note#	MIDI		Full Name	Key Off (*1)	Alt Group (*2)	Full Name	Key Off (*1)	Alt Group (*2)	Full Name	Key Off (*1)	Alt Group (*2)	Full Name	Key Off (*1)	Alt Group (*2)
	Note	Keyboard Note												
13	C#-1	C#0	Zarb Back mf			Khaligi Bongo L Dom								
14	D-1	D0	Zarb Tom f			Khaligi Bongo L Tak								
15	D#-1	D#0	Zarb Eshareh			Khaligi Bongo H Sak								
16	E-1	E0	Zarb Whipping			Khaligi Bongo H Dom								
17	F-1	F0	Tombak Tom f			Tabel Lewa H Sak								
18	F#-1	F#0	Neghareh Tom f			Khaligi Bongo Snap								
19	G-1	G0	Tombak Back f			Tabel Lewa H Dom								
20	G#-1	G#0	Neghareh Back f			Lewa Cymbal 2								
21	A-1	A0	Tombak Snap f			Tabel Lewa Bg Dom		6						
22	A#-1	A#0	Neghareh Pelang f			Lewa Cymbal 1						Conga H Tip		
23	B-1	B0	Tombak Trill	●		Tabel Lewa Bg Tak		6				Conga H Heel		
24	C0	C1	Khaligi Clap 1			Tablah Big Dom 1		1				Conga H Open		
25	C#0	C#1	Arabic Zalgouta Open	●		Tablah Big Tak 1						Conga H Mute		
26	D0	D1	Khaligi Clap 2			Tablah Big Sak 1		1				Conga H Slap Open		
27	D#0	D#1	Arabic Zalgouta Close			Tablah Big Dom 2		2				Conga H Slap		
28	E0	E1	Arabic Hand Clap			Tablah Big Tak 2						Conga H Slap Mute		
29	F0	F1	Tabel Tak 1			Tablah Big Sak 2		2				Conga L Tip		
30	F#0	F#1	Sagat 1			Tablah Smll Snp 2						Conga L Heel		
31	G0	G1	Tabel Dom			Tablah Small Dom		3				Conga L Open		
32	G#0	G#1	Sagat 2			Tablah Small Snap						Conga L Mute		
33	A0	A1	Tabel Tak 2			Tablah Small Tik		3				Conga L Slap Open		
34	A#0	A#1	Sagat 3			Tablah Small Sak		3				Conga L Slap		
35	B0	B1	Riq Tik 3			Manjoor						Conga L Slide	●	
36	C1	C2	Riq Tik 2			Twaisat 1		4	Daf Tom			Bongo H Open One Finger		
37	C#1	C#2	Riq Tik Hard 1			Twaisat 4 Open		4	Daf Chain Up			Bongo H Open Three Finger		
38	D1	D2	Riq Tik 1			Twaisat 5 Open		4	Daf Back			Bongo H Rim		
39	D#1	D#2	Riq Tik Hard 2			Twaisat 2		4	Daf Chain Down			Bongo H Tip		
40	E1	E2	Riq Tik Hard 3			Tar Low Dom 1			Daf Chap			Bongo H Heel		
41	F1	F2	Riq Tish			Tar Low Sak 1			Daf Full Roll	●		Bongo H Slap		
42	F#1	F#2	Riq Snouj 2			Tar Segal Dom			Daf Chain Roll	●		Bongo L Open One Finger		
43	G1	G2	Riq Roll	●		Tar Low Dom 2			Daf Whipping Roll	●		Bongo L Open Three Finger		
44	G#1	G#2	Riq Snouj 1			Tar Segal Tak			Clap			Bongo L Rim		
45	A1	A2	Riq Sak			Tar Low Dom 2			Finger Snap 1			Bongo L Tip		
46	A#1	A#2	Riq Snouj 3			Tar Segal Sak			Neghareh Roll	●		Bongo L Heel		
47	B1	B2	Riq Snouj 4			Arabic Hand Clap			Neghareh Tom			Bongo L Slap		
48	C2	C3	Riq Tak 1			Tar High Dom 1			Neghareh Snap			Timbale L		
49	C#2	C#3	Riq Brass 1			Tar High Sak 1			Neghareh Chap					
50	D2	D3	Riq Tak 2			Tar High Dom 2			Neghareh Eshareh					
51	D#2	D#3	Riq Brass 2			Tar High Sak 2			Neghareh Back					
52	E2	E3	Riq Dom			Khaligi Clap 1			Kurdish Dohol Low					
53	F2	F3	Katem Tak Doff			Khaligi Clap 2			Kurdish Dohol High			Paila L		
54	F#2	F#3	Katem Dom			Merwas Solo 1 Dom			Kurdish Dohol L Bz			Timbale H		
55	G2	G3	Katem Sak 1			Merwas Solo 2 Dom			Lurish Dohol Low					
56	G#2	G#3	Katem Tak 1			Merwas Solo 1 Sak			Lurish Dohol L Bz					
57	A2	A3	Katem Sak 2			Merwas Solo 2 Sak			Lurish Dohol High					
58	A#2	A#3	Katem Tak 2			Merwas Solo 1 Tak			Tombak Full Roll	●				
59	B2	B3	Daholla Sak 2			Merwas Solo 2 Tak			Tombak Timpani Rll	●		Paila H		
60	C3	C4	Daholla Sak 1			Tar Brshrm Grp Dom			Tombak Tom			Cowbell Top		
61	C#3	C#4	Daholla Tak 1			Tar Brshrm Grp Sak			Tombak Eshareh R					
62	D3	D4	Daholla Dom			Tar Brshrm Grp Tak			Tombak Back					
63	D#3	D#4	Daholla Tak 2			Tar Brshrm SI Sak			Tombak Eshareh L					
64	E3	E4	Tablah Prok			Tar Brshrm SI Dom			Tombak Snap			Guiro Short		
65	F3	F4	Tablah Dom 2			Tar Brshrm SI Tak			Zarb Tom			Guiro Long	●	
66	F#3	F#4	Tablah Roll of Edge	●		Yahla Dom 1			Zarb Whipping					
67	G3	G4	Tablah Tak Finger 4			Yahla Tak 1			Zarb Back					
68	G#3	G#4	Tablah Tak Trill 1			Yahla Dom 2			Zarb Eshareh			Tambourine		
69	A3	A4	Tablah Tak Finger 3			Yahla Tak 2			Zarb Chap					
70	A#3	A#4	Tablah Tak Trill 2			Nagara High			Zarb Full Roll	●				
71	B3	B4	Tablah Tak Finger 2			Nagara Low			Zarb Snap					
72	C4	C5	Tablah Tak Finger 1			Zeer Low Dom 1		5	Zarb Whipping Rll	●		Maracas		
73	C#4	C#5	Tablah Tik 2			Zeer Low Roll		5	Dayereh Roll	●		Shaker		
74	D4	D5	Tablah Tik 4			Zeer Low Dom 2		5	Dayereh Tom			Cabasa		
75	D#4	D#5	Tablah Tik 3			Zeer High Roll		5	Dayereh Eshareh					
76	E4	E5	Tablah Tik 1			Zeer Low Dom 2		5	Dayereh Back					
77	F4	F5	Tablah Tak 3			Zeer High Dom 1		5	Dayereh Snap					
78	F#4	F#5	Tablah Tak 1			Tabel Low Dom			Dayereh Edge Roll	●				
79	G4	G5	Tablah Tak 4			Zeer High Dom 2		5						
80	G#4	G#5	Tablah Tak 2			Tabel Low Tak								
81	A4	A5	Tablah Sak 2			Tabel High Dom								
82	A#4	A#5	Tablah Tremolo	●		Tabel High Sak								
83	B4	B5	Tablah Sak 1			Tabel High Tak								
84	C5	C6	Tablah Dom 1			Tabel Low Sak								
85	C#5	C#6				Riq Tish								
86	D5	D6				Tabel Mid Dom								
87	D#5	D#6				Riq Snouj 1								
88	E5	E6				Tabel High Dom								
89	F5	F6				Tabel Low Dom								
90	F#5	F#6												
91	G5	G6												

*1 Key Off: Keys marked "●" stop sounding the instant they are released.

*2 Alternate Group: Playing any instrument within a numbered group will immediately stop the sound of any other instrument in the same group of the same number.

Same as StandardKit1 No Sound

Drum/SFX Kit List / Drum/SFX-Kit-Liste / Liste des kits de batterie/SFX / Lista de conjuntos de percusión/efectos especiales

Kit Name			PopLatinKit			ArabicMixKit			KhaligiMixKit			IranianMixKit		
MSB-LSB-PC# (1-128)			126-0-44			126-0-65			126-0-66			126-0-67		
MIDI	Keyboard	Full Name	Key Off (*1)	Alt Group (*2)	Full Name	Key Off (*1)	Alt Group (*2)	Full Name	Key Off (*1)	Alt Group (*2)	Full Name	Key Off (*1)	Alt Group (*2)	
Note#	Note													
13	C#-1	C#0	Cajon Low		Conga Analog H			Zalgouta Open	●		Bongo H			
14	D-1	D0	Cajon Slap		Conga Analog M			Bell Tree			Bongo L			
15	D#-1	D#0	Cajon Tip		Conga Analog L			Zalgouta Close			Conga H Open			
16	E-1	E0	Claves High		Vibraslap			Timbale H			Conga L			
17	F-1	F0	Claves Low		Kick Techno L			Timbale L			Floor Tom L			
18	F#-1	F#0	Hand Clap		Side Stick Arabic Mix			Conga H Mute			Hi-Hat Closed		1	
19	G-1	G0			Snare Techno			Bongo H			Floor Tom H			
20	G#-1	G#0	Finger Snap		Guiro Long	●		Conga H Open			Hi-Hat Pedal		1	
21	A-1	A0	Castanet		Kick Techno Q			Bongo L			Low Tom			
22	A#-1	A#0	Conga H Tip		Open Rim Shot			Conga L			Hi-Hat Open		1	
23	B-1	B0	Conga H Heel		Funk Snare 2			Shaker			Ride Cymbal 1			
24	C0	C1	Conga H Open		Kick Arabic Mix			Tablah Dom 1			Kick			
25	C#0	C#1	Conga H Mute		Funk Snare 1			Tablah Tak Finger 3			Side Stick			
26	D0	D1	Conga H Slap Open		Snare Arabic Mix			Tablah Tik 3			Snare			
27	D#0	D#1	Conga H Slap		Hand Clap			Tablah Tak Finger 4			Crash Cymbal 1			
28	E0	E1	Conga H Slap Mute		Snare			Tablah Tik 4			Snare Tight			
29	F0	F1	Conga L Tip		Tom Electro 1			Tablah Tik 1			Khaligi Tablah Big Dom 1		2	
30	F#0	F#1	Conga L Heel		Hi-Hat Closed Arabic Mix		1	Tablah Tremolo	●		Khaligi Tablah Big Sak 1		2	
31	G0	G1	Conga L Open		Tom Electro 2			Cowbell			Khaligi Tablah Big Tak 1			
32	G#0	G#1	Conga L Mute		Hi-Hat Half Arabic Mix		1	Hand Clap			Arabic Doholla Sak1			
33	A0	A1	Conga L Slap Open		Tom Electro 3			Tambourine			Arabic Doholla Tom			
34	A#0	A#1	Conga L Slap		Hi-Hat Open Arabic Mix		1	Snare Tight			Arabic Doholla Tak2			
35	B0	B1	Conga L Slide	●	Tom Electro 4			Kick Analog Short			Arabic Doholla Tak1			
36	C1	C2	Bongo H Open One Finger		Tom Electro 5			Kick			Daf Tom			
37	C#1	C#2	Bongo H Open Three Finger		Crash Cymbal 1			Crash Cymbal 1			Daf Chain Up			
38	D1	D2	Bongo H Rim		Tom Electro 6			Snare			Daf Back			
39	D#1	D#2	Bongo H Tip		Hi-Hat Open 3		1	Crash Cymbal 2			Daf Chain Down			
40	E1	E2	Bongo H Heel		Reverse Cymbal	●		Side Stick			Daf Chap			
41	F1	F2	Bongo H Slap		Timbale L			Floor Tom L			Daf Full Roll	●		
42	F#1	F#2	Bongo L Open One Finger		Conga H Open			Hi-Hat Closed	1		Daf Chain Roll	●		
43	G1	G2	Bongo L Open Three Finger		Timbale H			Floor Tom H			Daf Whipping Roll	●		
44	G#1	G#2	Bongo L Rim		Conga H Mute			Hi-Hat Pedal		1	Clap			
45	A1	A2	Bongo L Tip		Tambourine			Low Tom			Finger Snap 1			
46	A#1	A#2	Bongo L Heel		Conga L			Hi-Hat Open		1	Neghareh Roll	●		
47	B1	B2	Bongo L Slap		Cowbell			Mid Tom L			Neghareh Tom			
48	C2	C3	Timbale L		Claves			Mid Tom H			Neghareh Snap			
49	C#2	C#3			Bongo H			Finger Snap 1			Neghareh Chap			
50	D2	D3			Wood Block H			Chinese Cymbal			Neghareh Eshareh			
51	D#2	D#3			Bongo L			Finger Snap 2			Neghareh Back			
52	E2	E3			Wood Block L			Riq Brass 2			Kurdish Dohol Lo			
53	F2	F3	Paila L		Kurdish Dohol Low f			Riq Brass 1			Kurdish Dohol Hi			
54	F#2	F#3	Timbale H		Cabasa			Riq Tish			Kurdish Dohol L Bz			
55	G2	G3			Kurdish Dohol High f			Riq Snouj 1			Lurish Dohol Low			
56	G#2	G#3			Shaker			Riq Roll	●		Lurdsh Dohol L Bz			
57	A2	A3			Snap 1			Riq Snouj 2			Lurish Dohol High			
58	A#2	A#3			Maracas			Riq Sak 1			Tombak Full Roll	●		
59	B2	B3	Paila H		Snap 2			Riq Dom			Tombak Timpani Roll	●		
60	C3	C4	Cowbell Top		Khaligi Twaisat 3		4	Riq Snouj 3			Tombak Tom			
61	C#3	C#4	Cowbell 1		Khaligi Twaisat 1		4	Tombak Back			Tombak Eshareh R			
62	D3	D4	Cowbell 2		Khaligi Twaisat 2		4	Tombak Tom			Tombak Back			
63	D#3	D#4	Cowbell 3		Khaligi Twaisat 5 Open		4	Tombak Snap			Tombak Eshareh L			
64	E3	E4	Guiro Short		Khaligi Twaisat 4 Open		4	Tombak Eshareh R			Tombak Snap			
65	F3	F4	Guiro Long	●	Khaligi Tablah Small Dom		3	Claves			Zarb Tom			
66	F#3	F#4	Metal Guiro Short		Khaligi Tar Barashim Group Dom			Daf Chap			Zarb Whipping			
67	G3	G4	Metal Guiro Long	●	Khaligi Tablah Small Snap			Daf Tom			Zarb Back			
68	G#3	G#4	Tambourine		Khaligi Tar Barashim Group Sak			Daf Full Roll	●		Zarb Eshareh			
69	A3	A4	Tambourim Open		Khaligi Tablah Small Sak		3	Triangle Mute		2	Zarb Chap			
70	A#3	A#4	Tambourim Mute		Khaligi Tar Barashim Group Tak			Daf Back			Zarb Full Roll	●		
71	B3	B4	Tambourim Tip		Khaligi Tablah Small Tik		3	Triangle Open		2	Zarb Snap			
72	C4	C5	Maracas		Khaligi Tablah Big Dom 1			Neghareh Tom			Zarb Whipping Rll	●		
73	C#4	C#5	Shaker		Khaligi Tar Segal Dom			Neghareh Back			Dayereh Roll	●		
74	D4	D5	Cabasa		Khaligi Tablah Big Tak 1			Neghareh Roll	●		Dayereh Tom			
75	D#4	D#5	Cuica Mute		Khaligi Tar Segal Tak			Neghareh Snap			Dayereh Eshareh			
76	E4	E5	Cuica Open		Khaligi Tablah Big Sak 1			Wood Block H			Dayereh Back			
77	F4	F5	Cowbell High 1		Tablah Dom 1			Wood Block L			Dayereh Snap			
78	F#4	F#5	Cowbell High 2		Tablah Tak 1			Zarb Back			Dayereh Edge Roll	●		
79	G4	G5	Shekere		Tablah Tremolo	●		Zarb Tom			Twaisat 4 Open		4	
80	G#4	G#5	Shekere Tone		Tablah Tak 2			Zarb Eshareh			Twaisat 2		4	
81	A4	A5	Triangle Mute	1	Tablah Tik 1			Zarb Whipping			Twaisat 5 Open		4	
82	A#4	A#5	Triangle Open	1	Tablah Sak 1			Zarb Chap			Twaisat 1		4	
83	B4	B5			Tablah Tik 3			Hi-Hat Closed Anlog		1	Timbale H			
84	C5	C6	Wind Chime		Tablah Tik 2			Hi-Hat Open Anlog		1	Timbale L			
85	C#5	C#6						Tar Brshrm Solo Sak						
86	D5	D6						Tar High Sak 1						
87	D#5	D#6						Khishiba Dom 1						
88	E5	E6						Khishiba Dom 2						
89	F5	F6						Khishiba Sak 1						
90	F#5	F#6						Khishiba Dom 3						
91	G5	G6						Khishiba Sak 2						

*1 Key Off: Keys marked "●" stop sounding the instant they are released.

*2 Alternate Group: Playing any instrument within a numbered group will immediately stop the sound of any other instrument in the same group of the same number.

Same as StandardKit | No Sound

Drum/SFX Kit List / Drum/SFX-Kit-Liste / Liste des kits de batterie/SFX / Lista de conjuntos de percusión/efectos especiales

Kit Name			TurkishKit			A3000KhaligiKit1			A3000KhaligiKit2		
MSB-LSB-PC# (1-128)			126-0-68			126-0-73			126-0-74		
MIDI		Keyboard	Full Name	Key Off (*1)	Alt Group (*2)	Full Name	Key Off (*1)	Alt Group (*2)	Full Name	Key Off (*1)	Alt Group (*2)
Note#	Note	Note									
13	C#-1	C#0	Asma Davul Left Side			Khaligi Bongo Low Dom		1	Sajat1 Open		1
14	D-1	D0	Asma Davul Right Side			Khaligi Bongo Low Tak		1	Sajat1 Close		1
15	D#-1	D#0	Asma Davul Side Body			Khaligi Bongo Low Sak		2	Sajat2 Open		2
16	E-1	E0	Asma Davul Both Sides			Khaligi Bongo High Snap1		2	Sajat2 Close		2
17	F-1	F0	Koltuk Davul Flam			Khaligi Bongo High Sak			Sajat2 Hawan		2
18	F#-1	F#0	Koltuk Davul Teke			Khaligi Bongo High Snap2		2	Req Open		
19	G-1	G0	Koltuk Davul Tek			Merjaf Group1 Dom		3	Req Sajat		
20	G#-1	G#0	Koltuk Davul Dum			Merjaf Group1 Sak		3	Req Dom		3
21	A-1	A0	Bendir Teke Flam			Merjaf Group2 Dom		4	Req Sak		3
22	A#-1	A#0	Bendir Teke Dead			Merjaf Group2 Tak			Req Roll	●	
23	B-1	B0	Bendir Tek Dead			Merjaf Group2 Sak		4	Manjoor Normal		
24	C0	C1	Bendir Teke			Doholla1 Dom		5	Doholla2 Dom		4
25	C#0	C#1	Bendir Tek			Doholla1 Tak			Doholla2 Tak		
26	D0	D1	Bendir Slap		2	Doholla1 Sak		5	Doholla2 Sak		4
27	D#0	D#1	Bendir Dum		2	Tabla1 Dom		6	Merwas Group Dom		5
28	E0	E1	Zil Right Close		3	Tabla1 Tak			Merwas Group Sak		5
29	F0	F1	Zil Right Open		3	Tabla1 Sak		6	Merwas Group Tak		
30	F#0	F#1	Zil Left Close		4	Khaligi Conga Low Dom			Merwas Dom		6
31	G0	G1	Zil Left Open		4	Tabla2 Dom		7	Merwas Sak		6
32	G#0	G#1	Tef Teke Flam		5	Tabla2 Tak			Merwas Tak		
33	A0	A1	Tef Tek Mute		5	Tabla2 Tik			Khaligi Hand Clap2		
34	A#0	A#1	Tef Teke Damped			Tabla2 Sak		7	Khaligi Hand Clap3		
35	B0	B1	Tef Tek Mute Medium			Khaligi Hand Clap1			Khaligi Hand Clap4		
36	C1	C2	Tef Dum Mute			Marad Group1 Dom		8	Marad Group1 Dom		7
37	C#1	C#2	Tef Cymbal		9	Marad Group1 Tak			Marad Group1 Tak		
38	D1	D2	Tef Cymbal Mute		9	Marad Group1 Sak		8	Marad Group1 Sak		7
39	D#1	D#2	Tef Tremolo	●		Marad Group2 Dom		9	Marad Group2 Dom		8
40	E1	E2	Tef Shake 1			Marad Group2 Tak			Marad Group2 Tak		
41	F1	F2	Tef Shake 2			Marad Group2 Sak		9	Marad Group2 Sak		8
42	F#1	F#2	Tef Tek Flam			Marad1 Dom		10	Kaser Flam		
43	G1	G2	Tef Full Open			Marad1 Tak			Kaser Dom1		9
44	G#1	G#2	Tef Teke Open Short			Marad1 Sak		10	Kaser Sak1		9
45	A1	A2	Tef Tek Open Short			Marad2 Dom		11	Kaser Dom2		10
46	A#1	A#2	Tef Tek Open			Marad2 Tak			Kaser Sak2		10
47	B1	B2	Tef Dum Open			Marad2 Sak		11	Taar Barashim Shake		
48	C2	C3	Hollo Finger Dead			Sajat1 Open		12	Rana Low1 Dom		11
49	C#2	C#3	Hollo Slap			Sajat1 Close		12	Rana Low2 Dom		12
50	D2	D3	Hollo Dum			Sajat2 Open		13	Rana Low1 Tak		
51	D#2	D#3	Kasik		1	Sajat2 Close		13	Rana Low2 Tak		
52	E2	E3	Kasik Flam		1	Sigal Marad Dom		14	Rana Low1 Sak		11
53	F2	F3	Bass Darbuka Tek Dead			Sigal Marad Tak			Rana Low2 Sak		12
54	F#2	F#3	Bass Darbuka Tek Flam			Sigal Marad Sak		14	Rana High1 Dom		13
55	G2	G3	Bass Darbuka Teke			Taar Barashim Group1 Dom		15	Rana High2 Dom		14
56	G#2	G#3	Bass Darbuka Teke Other Finger			Taar Barashim Group1 Sak		15	Rana High1 Tak		
57	A2	A3	Bass Darbuka Teke Index Finger			Taar Barashim Group1 Tak			Rana High2 Tak		
58	A#2	A#3	Bass Darbuka Tek			Taar Barashim Group2 Sak		16	Rana High1 Sak		13
59	B2	B3	Bass Darbuka Slap			Taar Barashim Group2 Dom		16	Rana High2 Sak		14
60	C3	C4	Bass Darbuka Slap Medium		7	Taar Barashim Group2 Tak			Medando1 Dom		15
61	C#3	C#4	Bass Darbuka Dum		7	Taar Barashim1 Dom		17	Medando2 Dom		16
62	D3	D4	Darbuka Roll Close	●	6	Taar Barashim1 Sak		17	Medando1 Sak		15
63	D#3	D#4	Darbuka Roll Open	●	6	Taar Barashim2 Dom		18	Medando2 Sak		16
64	E3	E4	Darbuka Teke Damped Flam			Taar Barashim2 Sak		18	Medando Flam		
65	F3	F4	Darbuka Tek Dead			Sigal Taar Barashim Dom		19	Mesando Dom		17
66	F#3	F#4	Darbuka Tek Damped			Sigal Taar Barashim Tak			Mesando Sak1		17
67	G3	G4	Darbuka Teke Open Flam			Sigal Taar Barashim Sak		19	Mesando Sak2		17
68	G#3	G#4	Darbuka Teke Open			Taar Barashim Shake			Schekanka Dom		18
69	A3	A4	Darbuka Teke Other Finger 1			Manjoor Normal			Schekanka Sak 1		18
70	A#3	A#4	Darbuka Teke Index Finger 1			Zeer1 Dom			Schekanka Sak 2		18
71	B3	B4	Darbuka Tek 1			Zeer1 Flam			Tanak Dom 1		
72	C4	C5	Darbuka Teke Other Finger 2			Zeer2 Dom1			Tanak Dom 2		
73	C#4	C#5	Darbuka Teke Index Finger 2			Zeer2 Flam			Khaligi Conga High Dom		19
74	D4	D5	Darbuka Tek 2			Zeer2 Dom2			Khaligi Conga High Sak1		19
75	D#4	D#5	Darbuka Slap Medium			Zeer3 Tak1			Khaligi Conga High Sak2		19
76	E4	E5	Darbuka Slap		8	Zeer3 Dom1			Khaligi Conga Low Dom		20
77	F4	F5	Darbuka Dum		8	Zeer3 Dom2			Khaligi Conga Low Sak		20
78	F#4	F#5	Bongo Tek Roll	●		Zeer3 Tak2			Ras Low Dom		21
79	G4	G5	Bongo Flam			Tabol Low Dom		20	Ras High Dom		
80	G#4	G#5	Bongo Tek Flam			Tabol Low Tak			Ras Low Sak		21
81	A4	A5	Bongo Tek			Tabol Low Sak		20	Sigal Marad Dom		22
82	A#4	A#5	Bongo Slap			Tabol High Dom		21	Sigal Marad Tak		
83	B4	B5	Bongo Flam Hi			Tabol High Tak			Sigal Marad Sak		22
84	C5	C6	Bongo Dum			Tabol High Sak		21	Kasoor Dom		23
85	C#5	C#6				Req Dom		22	Kasoor Sak		23
86	D5	D6				Req Sajat			Kheshba Dom		24
87	D#5	D#6				Req Open			Kheshba Sak		24
88	E5	E6				Req Sak		22	Jahla Group Dom		25
89	F5	F6				Req Roll	●		Jahla Group Sak		25
90	F#5	F#6				Khaligi Conga High Dom		23	Jahla Dom		26
91	G5	G6				Khaligi Conga High Sak		23	Jahla Sak		26

*1 Key Off: Keys marked "●" stop sounding the instant they are released.

*2 Alternate Group: Playing any instrument within a numbered group will immediately stop the sound of any other instrument in the same group of the same number.

Same as StandardKit1 No Sound

Drum/SFX Kit List / Drum/SFX-Kit-Liste / Liste des kits de batterie/SFX / Lista de conjuntos de percusión/efectos especiales

Kit Name			A3000MaghrebiKit			A3000ArabicKit1			A3000IranianKit1		
MSB-LSB-PC# (1-128)			126-0-75			126-0-76			126-0-77		
MIDI		Keyboard Note	Full Name	Key Off (*1)	Alt Group (*2)	Full Name	Key Off (*1)	Alt Group (*2)	Full Name	Key Off (*1)	Alt Group (*2)
Note#	Note										
13	C#-1	C#0	Tunisian Tabel Dom1			Sagat1 Close			Udho Tom Hole		1
14	D-1	D0	Tunisian Tabel Dom2		1	Sagat2 Close		1	Udho Tom Hole Stop		1
15	D#-1	D#0	Tunisian Tabel Tak1			Sagat2 Open		1	Udho Back1		
16	E-1	E0	Tunisian Tabel Tak2			Sagat3 Close		2	Udho Back2		
17	F-1	F0	Tunisian Tabel Tak3		1	Sagat3 Open		2	Udho Chap Body		
18	F#-1	F#0	Tunisian Tabel Dom3		1	Mazhar Dom Open		3	Udho Chap Skin		
19	G-1	G0	Tunisian Tabla Dom		2	Mazhar Dom Close			Udho Chap Top Hole		
20	G#-1	G#0	Tunisian Tabla Tak1			Mazhar Tak Close			Udho Flam Skin		
21	A-1	A0	Tunisian Tabla Tak2			Mazhar Tak Open			Udho Flam Body		
22	A#-1	A#0	Tunisian Tabla Sak		2	Mazhar Sak Close		3	Udho Roll Body		●
23	B-1	B0	Tunisian Tabla Tak Mute			Katem Dom1		4	Udho Roll Skin		●
24	C0	C1	Tunisian Bendir1 Dom1			Katem Dom2		5	Tombak Tom		
25	C#0	C#1	Tunisian Bendir1 Dom2			Katem Tak Open1			Tombak Chap1		
26	D0	D1	Tunisian Bendir1 Tak Close1			Katem Tak Open2			Tombak Chap2		
27	D#0	D#1	Tunisian Bendir1 Tak Open1			Katem Sak1		4	Tombak Back1		
28	E0	E1	Tunisian Bendir1 Tak Open2			Katem Sak2		5	Tombak Nail Swish		
29	F0	F1	Tunisian Bendir1 Tak Mute			Tabel Saaidi Dom			Tombak Edge		
30	F#0	F#1	Tunisian Bendir1 Tak Close2			Tabel Saaidi Tak			Tombak Roll 8Fingers		●
31	G0	G1	Tunisian Bendir1 Tak Close3			Tabel Saaidi Rim			Tombak Flam1		
32	G#0	G#1	Tunisian Bendir1 Tak Close4			Tabel Dom			Tombak Flam2		
33	A0	A1	Tunisian Bendir1 Tak Open3			Tabel Tak			Tombak Flam Rim		
34	A#0	A#1	Tunisian Bendir1 Roll		●	Tabel Tak Wood			Tombak Back2		
35	B0	B1	Tunisian Bendir2 Dom Roll		●	Riq Dom Close			Tombak Slap		
36	C1	C2	Tunisian Bendir2 Dom Open			Riq Dom Open			Daf Tom		
37	C#1	C#2	Tunisian Bendir2 Dom Close			Riq Tak Close1			Daf Chain Up		
38	D1	D2	Tunisian Bendir2 Tak Small			Riq Tak Open			Daf Back		
39	D#1	D#2	Tunisian Bendir2 Tak Open1			Riq Tak Close2			Daf Chain Down		
40	E1	E2	Tunisian Bendir2 Tak Open2			Riq Tak Snouj			Daf Side No Chain		
41	F1	F2	Tunisian Bendir2 Tak Mute			Riq Sak1			Daf Roll		●
42	F#1	F#2	Tunisian Bendir2 Tak Close1			Riq Snouj Close1			Daf Roll Chain		●
43	G1	G2	Tunisian Bendir2 Tak Close2			Riq Snouj Close2			Daf Roll Rim		●
44	G#1	G#2	Tunisian Bendir2 Tak Close3			Riq Flam			Daf Slap Open		
45	A1	A2	Tunisian Bendir2 Tak Open3			Riq Sak2			Daf Slap Mute		
46	A#1	A#2	Tunisian Bendir2 Tak Open4			Riq Snouj Roll		●	Naghareh Roll		●
47	B1	B2	Darbouka Finger Roll		●	Darbuka Dom Left Hand			Naghareh Tom		
48	C2	C3	Darbouka Dom			Darbuka Dom Right Hand		7	Naghareh Snap		
49	C#2	C#3	Darbouka Tak Close1			Darbuka Tak Left Index Finger			Naghareh Side		
50	D2	D3	Darbouka Tak Close2			Darbuka Tak Right Index Finger			Naghareh Flam 3Fingers		
51	D#2	D#3	Darbouka Tak Open1			Darbuka Sak1		7	Naghareh Back		
52	E2	E3	Darbouka Tak Open2			Darbuka Tak Left Ring Finger			Dohol Gorz		
53	F2	F3	Darbouka Tak Open3			Darbuka Tak Right Ring Finger			Dohol Gorz & Tarkeh		
54	F#2	F#3	Darbouka Tak Open4			Darbuka Tap1			Dohol Tarkeh1		
55	G2	G3	Darbouka Tak Close3			Darbuka Tap2			Dohol Tarkeh2		
56	G#2	G#3	Darbouka Tak Close4			Darbuka Flam1		7	Req Tom & Zang		
57	A2	A3	Darbouka Tak Open5			Darbuka Flam2		7	Req Chap Zang Open		
58	A#2	A#3	Darbouka Tak Open6			Darbuka Tak Roll		●	Req Slap		
59	B2	B3	Darbouka Hand Roll		●	Daholla Dom Left Hand			Tombak Tempo Roll		●
60	C3	C4	Moroccan Bendir1 Dom Open			Daholla Dom Right Hand		8	Tombak Tempo Tom		
61	C#3	C#4	Moroccan Bendir1 Dom Close			Daholla Tak1			Tombak Tempo Rim Flam		
62	D3	D4	Moroccan Bendir1 Tik Open			Daholla Tak2			Tombak Tempo Back 1		2
63	D#3	D#4	Moroccan Bendir1 Tik Close1			Daholla Tak3			Tombak Tempo Back 2		2
64	E3	E4	Moroccan Bendir1 Tik Close2			Daholla Tak4			Tombak Tempo Rim		3
65	F3	F4	Moroccan Bendir1 Zim			Daholla Sak		8	Tombak Tempo Rim Muted		3
66	F#3	F#4	Moroccan Bendir2 Dom Open			Daholla Rak1			Tombak Tempo Slap		
67	G3	G4	Moroccan Bendir2 Dom Close			Daholla Rak2			Zarb Back		
68	G#3	G#4	Moroccan Bendir2 Tik Close1			Daholla Flam1			Zarb Flam Open		
69	A3	A4	Moroccan Bendir2 Tik Close2			Daholla Flam2			Zarb Rim		
70	A#3	A#4	Moroccan Bendir2 Tik Open			Daholla Tak Roll		●	Zarb Slap		
71	B3	B4	Moroccan Bendir2 Zim			Tabla Dom & Tak			Zarb Roll		●
72	C4	C5	Moroccan Bendir3 Dom Open			Tabla Dom		9	Dayereh Tom		
73	C#4	C#5	Moroccan Bendir3 Edge Open			Tabla Tak1			Dayereh Tom Muted		
74	D4	D5	Moroccan Bendir3 Tik Close			Tabla Tak2			Dayereh Rim 1		
75	D#4	D#5	Moroccan Bendir3 Tik Open			Tabla Tak3			Dayereh Rim Muted		
76	E4	E5	Moroccan Bendir3 Tik Stop			Tabla Tak4			Dayereh Rim 2		
77	F4	F5	Moroccan Tamtam Low			Tabla Sak		9	Dayereh Snap		
78	F#4	F#5	Moroccan Tamtam Hi			Tabla Rak1			Dayereh Rim Edge		
79	G4	G5	Moroccan Taarja1 Dom			Tabla Rak2			Dayereh Soft Roll		●
80	G#4	G#5	Moroccan Taarja1 Tik			Tabla Flam1			Dayereh Tom Roll		●
81	A4	A5	Moroccan Taarja2 Dom			Tabla Flam2			Dayereh Rim Roll		●
82	A#4	A#5	Moroccan Taarja2 Tik			Tabla Tak Roll		●	Dayereh Flam Tom		
83	B4	B5	Moroccan Taarja3 Dom			Djembe Dom1			Dayereh Flam Back		
84	C5	C6	Algerian Bendir Deza		3	Djembe Dom2			Iranian Bendir1 Tom		6
85	C#5	C#6	Algerian Bendir Tak Droit		3	Djembe Tak1			Iranian Bendir1 Rim		
86	D5	D6	Algerian Bendir Tak Guche		3	Djembe Tak2			Iranian Bendir1 Rim Edge		
87	D#5	D#6	Algerian Bendir Kaf		3	Djembe Flame			Iranian Bendir1 Slap		6
88	E5	E6	Algerian Galal Daza		4	Djembe Flame & Tak			Iranian Bendir1 Back		
89	F5	F6	Algerian Galal Daza Gauche		5	Arabic Zalgouta Open		●	Iranian Bendir1 Back Flam		
90	F#5	F#6	Algerian Galal Taka Droite		4	Arabic Zalgouta Close			Iranian Bendir1 Edge		
91	G5	G6	Algerian Galal Taka Gauche		5	Arabic Hand Clap			Iranian Bendir1 Roll		●

*1 Key Off: Keys marked "●" stop sounding the instant they are released.

*2 Alternate Group: Playing any instrument within a numbered group will immediately stop the sound of any other instrument in the same group of the same number.

Same as StandardKit1 No Sound

GM2 Kit

Kit Name			StandardSet			RoomSet			PowerSet			ElectroSet		
MSB-LSB-PC# (1-128)			120-0-1			120-0-9			120-0-17			120-0-25		
MIDI		Keyboard Note	Full Name	Key Off (*1)	Alt Group (*2)	Full Name	Key Off (*1)	Alt Group (*2)	Full Name	Key Off (*1)	Alt Group (*2)	Full Name	Key Off (*1)	Alt Group (*2)
Note#	Note													
13	C#-1	C#0												
14	D-1	D0												
15	D#-1	D#0												
16	E-1	E0												
17	F-1	F0												
18	F#-1	F#0												
19	G-1	G0												
20	G#-1	G#0												
21	A-1	A0												
22	A#-1	A#0												
23	B-1	B0												
24	C0	C1												
25	C#0	C#1												
26	D0	D1												
27	D#0	D#1	High Q			High Q			High Q			High Q		
28	E0	E1	Slap			Slap			Slap			Slap		
29	F0	F1	Scratch Push		7	Scratch Push		7	Scratch Push		7	Scratch Push		7
30	F#0	F#1	Scratch Pull		7	Scratch Pull		7	Scratch Pull		7	Scratch Pull		7
31	G0	G1	Sticks			Sticks			Sticks			Sticks		
32	G#0	G#1	Square Click			Square Click			Square Click			Square Click		
33	A0	A1	Metronome Click			Metronome Click			Metronome Click			Metronome Click		
34	A#0	A#1	Metronome Bell			Metronome Bell			Metronome Bell			Metronome Bell		
35	B0	B1	Acoustic Bass Drum			Acoustic Bass Drum			Acoustic Bass Drum			Acoustic Bass Drum		
36	C1	C2	Bass Drum 1			Bass Drum 1			Power Kick Drum			Electric Bass Drum		
37	C#1	C#2	Side Stick			Side Stick			Side Stick			Side Stick		
38	D1	D2	Acoustic Snare			Acoustic Snare			Power Snare Drum			Electric Snare 1		
39	D#1	D#2	Hand Clap			Hand Clap			Hand Clap			Hand Clap		
40	E1	E2	Electric Snare			Electric Snare			Electric Snare			Electric Snare 2		
41	F1	F2	Low Floor Tom			Room Low Tom 2			Power Low Tom 2			Electric Low Tom 2		
42	F#1	F#2	Closed Hi-hat		1	Closed Hi-hat		1	Closed Hi-hat		1	Closed Hi-hat		1
43	G1	G2	High Floor Tom			Room Low Tom 1			Power Low Tom 1			Electric Low Tom 1		
44	G#1	G#2	Pedal Hi-hat		1	Pedal Hi-hat		1	Pedal Hi-hat		1	Pedal Hi-hat		1
45	A1	A2	Low Tom			Room Mid Tom 2			Power Mid Tom 2			Electric Mid Tom 2		
46	A#1	A#2	Open Hi-hat		1	Open Hi-hat		1	Open Hi-hat		1	Open Hi-hat		1
47	B1	B2	Low-Mid Tom			Room Mid Tom 1			Power Mid Tom 1			Electric Mid Tom 1		
48	C2	C3	High Mid Tom			Room Hi Tom 2			Power Hi Tom 2			Electric Hi Tom 2		
49	C#2	C#3	Crash Cymbal 1			Crash Cymbal 1			Crash Cymbal 1			Crash Cymbal 1		
50	D2	D3	High Tom			Room Hi Tom 1			Power Hi Tom 1			Electric Hi Tom 1		
51	D#2	D#3	Ride Cymbal 1			Ride Cymbal 1			Ride Cymbal 1			Ride Cymbal 1		
52	E2	E3	Chinese Cymbal			Chinese Cymbal			Chinese Cymbal			Reverse Cymbal		
53	F2	F3	Ride Bell			Ride Bell			Ride Bell			Ride Bell		
54	F#2	F#3	Tambourine			Tambourine			Tambourine			Tambourine		
55	G2	G3	Splash Cymbal			Splash Cymbal			Splash Cymbal			Splash Cymbal		
56	G#2	G#3	Cowbell			Cowbell			Cowbell			Cowbell		
57	A2	A3	Crash Cymbal 2			Crash Cymbal 2			Crash Cymbal 2			Crash Cymbal 2		
58	A#2	A#3	Vibra-slap			Vibra-slap			Vibra-slap			Vibra-slap		
59	B2	B3	Ride Cymbal 2			Ride Cymbal 2			Ride Cymbal 2			Ride Cymbal 2		
60	C3	C4	High Bongo			High Bongo			High Bongo			High Bongo		
61	C#3	C#4	Low Bongo			Low Bongo			Low Bongo			Low Bongo		
62	D3	D4	Mute Hi Conga			Mute Hi Conga			Mute Hi Conga			Mute Hi Conga		
63	D#3	D#4	Open Hi Conga			Open Hi Conga			Open Hi Conga			Open Hi Conga		
64	E3	E4	Low Conga			Low Conga			Low Conga			Low Conga		
65	F3	F4	High Timbale			High Timbale			High Timbale			High Timbale		
66	F#3	F#4	Low Timbale			Low Timbale			Low Timbale			Low Timbale		
67	G3	G4	High Agogo			High Agogo			High Agogo			High Agogo		
68	G#3	G#4	Low Agogo			Low Agogo			Low Agogo			Low Agogo		
69	A3	A4	Cabasa			Cabasa			Cabasa			Cabasa		
70	A#3	A#4	Maracas			Maracas			Maracas			Maracas		
71	B3	B4	Short Whistle		2	Short Whistle		2	Short Whistle		2	Short Whistle		2
72	C4	C5	Long Whistle		2	Long Whistle		2	Long Whistle		2	Long Whistle		2
73	C#4	C#5	Short Guiro		3	Short Guiro		3	Short Guiro		3	Short Guiro		3
74	D4	D5	Long Guiro		3	Long Guiro		3	Long Guiro		3	Long Guiro		3
75	D#4	D#5	Claves			Claves			Claves			Claves		
76	E4	E5	Hi Wood Block			Hi Wood Block			Hi Wood Block			Hi Wood Block		
77	F4	F5	Low Wood Block			Low Wood Block			Low Wood Block			Low Wood Block		
78	F#4	F#5	Mute Cuica		4	Mute Cuica		4	Mute Cuica		4	Mute Cuica		4
79	G4	G5	Open Cuica		4	Open Cuica		4	Open Cuica		4	Open Cuica		4
80	G#4	G#5	Mute Triangle		5	Mute Triangle		5	Mute Triangle		5	Mute Triangle		5
81	A4	A5	Open Triangle		5	Open Triangle		5	Open Triangle		5	Open Triangle		5
82	A#4	A#5	Shaker			Shaker			Shaker			Shaker		
83	B4	B5	Jingle Bell			Jingle Bell			Jingle Bell			Jingle Bell		
84	C5	C6	Bell Tree			Bell Tree			Bell Tree			Bell Tree		
85	C#5	C#6	Castanets			Castanets			Castanets			Castanets		
86	D5	D6	Mute Surdo		6	Mute Surdo		6	Mute Surdo		6	Mute Surdo		6
87	D#5	D#6	Open Surdo		6	Open Surdo		6	Open Surdo		6	Open Surdo		6
88	E5	E6												
89	F5	F6												
90	F#5	F#6												
91	G5	G6												

*1 Key Off: Keys marked "●" stop sounding the instant they are released.

*2 Alternate Group: Playing any instrument within a numbered group will immediately stop the sound of any other instrument in the same group of the same number.

Same as StandardSet No Sound

Drum/SFX Kit List / Drum/SFX-Kit-Liste / Liste des kits de batterie/SFX / Lista de conjuntos de percusión/efectos especiales

Kit Name			AnalogSet			JazzSet			BrushSet			OrchestraSet		
MSB-LSB-PC# (1-128)			120-0-26			120-0-33			120-0-41			120-0-49		
MIDI		Keyboard Note	Full Name	Key Off (*1)	Alt Group (*2)	Full Name	Key Off (*1)	Alt Group (*2)	Full Name	Key Off (*1)	Alt Group (*2)	Full Name	Key Off (*1)	Alt Group (*2)
Note#	Note													
13	C#-1	C#0												
14	D-1	D0												
15	D#-1	D#0												
16	E-1	E0												
17	F-1	F0												
18	F#-1	F#0												
19	G-1	G0												
20	G#-1	G#0												
21	A-1	A0												
22	A#-1	A#0												
23	B-1	B0												
24	C0	C1												
25	C#0	C#1												
26	D0	D1												
27	D#0	D#1	High Q			High Q			High Q			Closed Hi-hat 2		1
28	E0	E1	Slap			Slap			Slap			Pedal Hi-hat		1
29	F0	F1	Scratch Push		7	Scratch Push		7	Scratch Push		7	Open Hi-hat 2		1
30	F#0	F#1	Scratch Pull		7	Scratch Pull		7	Scratch Pull		7	Ride Cymbal 1		
31	G0	G1	Sticks			Sticks			Sticks			Sticks		
32	G#0	G#1	Square Click			Square Click			Square Click			Square Click		
33	A0	A1	Metronome Click			Metronome Click			Metronome Click			Metronome Click		
34	A#0	A#1	Metronome Bell			Metronome Bell			Metronome Bell			Metronome Bell		
35	B0	B1	Acoustic Bass Drum			Jazz Kick 2			Jazz Kick 2			Concert BD 2		
36	C1	C2	Analog Bass Drum			Jazz Kick 1			Jazz Kick 1			Concert BD 1		
37	C#1	C#2	Analog Rim Shot			Side Stick			Side Stick			Side Stick		
38	D1	D2	Analog Snare 1			Acoustic Snare			Brush Tap			Concert SD 1		
39	D#1	D#2	Hand Clap			Hand Clap			Brush Slap			Castanets		
40	E1	E2	Electric Snare			Electric Snare			Brush Swirl			Concert SD 2		
41	F1	F2	Analog Low Tom 2			Low Floor Tom			Low Floor Tom			Timpani F		
42	F#1	F#2	Analog CHH 1		1	Closed Hi-hat		1	Closed Hi-hat		1	Timpani F#		
43	G1	G2	Analog Low Tom 1			High Floor Tom			High Floor Tom			Timpani G		
44	G#1	G#2	Analog CHH 2		1	Pedal Hi-hat		1	Pedal Hi-hat		1	Timpani G#		
45	A1	A2	Analog Mid Tom 2			Low Tom			Low Tom			Timpani A		
46	A#1	A#2	Analog OHH		1	Open Hi-hat		1	Open Hi-hat		1	Timpani A#		
47	B1	B2	Analog Mid Tom 1			Low-Mid Tom			Low-Mid Tom			Timpani B		
48	C2	C3	Analog Hi Tom 2			High Mid Tom			High Mid Tom			Timpani c		
49	C#2	C#3	Analog Cymbal			Crash Cymbal 1			Crash Cymbal 1			Timpani c#		
50	D2	D3	Analog Hi Tom 1			High Tom			High Tom			Timpani d		
51	D#2	D#3	Ride Cymbal 1			Ride Cymbal 1			Ride Cymbal 1			Timpani d#		
52	E2	E3	Chinese Cymbal			Chinese Cymbal			Chinese Cymbal			Timpani e		
53	F2	F3	Ride Bell			Ride Bell			Ride Bell			Timpani f		
54	F#2	F#3	Tambourine			Tambourine			Tambourine			Tambourine		
55	G2	G3	Splash Cymbal			Splash Cymbal			Splash Cymbal			Splash Cymbal		
56	G#2	G#3	Analog Cowbell			Cowbell			Cowbell			Cowbell		
57	A2	A3	Crash Cymbal 2			Crash Cymbal 2			Crash Cymbal 2			Concert Cymbal 2		
58	A#2	A#3	Vibra-slap			Vibra-slap			Vibra-slap			Vibra-slap		
59	B2	B3	Ride Cymbal 2			Ride Cymbal 2			Ride Cymbal 2			Concert Cymbal 1		
60	C3	C4	High Bongo			High Bongo			High Bongo			High Bongo		
61	C#3	C#4	Low Bongo			Low Bongo			Low Bongo			Low Bongo		
62	D3	D4	Analog High Conga			Mute Hi Conga			Mute Hi Conga			Mute Hi Conga		
63	D#3	D#4	Analog Mid Conga			Open Hi Conga			Open Hi Conga			Open Hi Conga		
64	E3	E4	Analog Low Conga			Low Conga			Low Conga			Low Conga		
65	F3	F4	High Timbale			High Timbale			High Timbale			High Timbale		
66	F#3	F#4	Low Timbale			Low Timbale			Low Timbale			Low Timbale		
67	G3	G4	High Agogo			High Agogo			High Agogo			High Agogo		
68	G#3	G#4	Low Agogo			Low Agogo			Low Agogo			Low Agogo		
69	A3	A4	Cabasa			Cabasa			Cabasa			Cabasa		
70	A#3	A#4	Analog Maracas			Maracas			Maracas			Maracas		
71	B3	B4	Short Whistle		2	Short Whistle		2	Short Whistle		2	Short Whistle		2
72	C4	C5	Long Whistle		2	Long Whistle		2	Long Whistle		2	Long Whistle		2
73	C#4	C#5	Short Guiro		3	Short Guiro		3	Short Guiro		3	Short Guiro		3
74	D4	D5	Long Guiro		3	Long Guiro		3	Long Guiro		3	Long Guiro		3
75	D#4	D#5	Analog Claves			Claves			Claves			Claves		
76	E4	E5	Hi Wood Block			Hi Wood Block			Hi Wood Block			Hi Wood Block		
77	F4	F5	Low Wood Block			Low Wood Block			Low Wood Block			Low Wood Block		
78	F#4	F#5	Mute Cuica		4	Mute Cuica		4	Mute Cuica		4	Mute Cuica		4
79	G4	G5	Open Cuica		4	Open Cuica		4	Open Cuica		4	Open Cuica		4
80	G#4	G#5	Mute Triangle		5	Mute Triangle		5	Mute Triangle		5	Mute Triangle		5
81	A4	A5	Open Triangle		5	Open Triangle		5	Open Triangle		5	Open Triangle		5
82	A#4	A#5	Shaker			Shaker			Shaker			Shaker		
83	B4	B5	Jingle Bell			Jingle Bell			Jingle Bell			Jingle Bell		
84	C5	C6	Bell Tree			Bell Tree			Bell Tree			Bell Tree		
85	C#5	C#6	Castanets			Castanets			Castanets			Castanets		
86	D5	D6	Mute Surdo		6	Mute Surdo		6	Mute Surdo		6	Mute Surdo		6
87	D#5	D#6	Open Surdo		6	Open Surdo		6	Open Surdo		6	Open Surdo		6
88	E5	E6										Applause		●
89	F5	F6												
90	F#5	F#6												
91	G5	G6												

*1 Key Off: Keys marked "●" stop sounding the instant they are released.

*2 Alternate Group: Playing any instrument within a numbered group will immediately stop the sound of any other instrument in the same group of the same number.

Same as StandardSet No Sound

Kit Name			SFXSet		
MSB-LSB-PC# (1-128)			120-0-57		
MIDI		Keyboard Note	Full Name	Key Off (*1)	Alt Group (*2)
Note#	Note				
13	C#-1	C#0			
14	D-1	D0			
15	D#-1	D#0			
16	E-1	E0			
17	F-1	F0			
18	F#-1	F#0			
19	G-1	G0			
20	G#-1	G#0			
21	A-1	A0			
22	A#-1	A#0			
23	B-1	B0			
24	C0	C1			
25	C#0	C#1			
26	D0	D1			
27	D#0	D#1			
28	E0	E1			
29	F0	F1			
30	F#0	F#1			
31	G0	G1			
32	G#0	G#1			
33	A0	A1			
34	A#0	A#1			
35	B0	B1			
36	C1	C2			
37	C#1	C#2			
38	D1	D2			
39	D#1	D#2	High Q		
40	E1	E2	Slap		
41	F1	F2	Scratch Push		7
42	F#1	F#2	Scratch Pull		7
43	G1	G2	Sticks		
44	G#1	G#2	Square Click		
45	A1	A2	Metronome Click		
46	A#1	A#2	Metronome Bell		
47	B1	B2	Guitar Fret	●	
48	C2	C3	Guitar Cutting Noise Up	●	
49	C#2	C#3	Guitar Cutting Noise Down	●	
50	D2	D3	String Slap of Double Bass	●	
51	D#2	D#3	Fl.Key Click	●	
52	E2	E3	Laughing	●	
53	F2	F3	Scream	●	
54	F#2	F#3	Punch	●	
55	G2	G3	Heart Beat	●	
56	G#2	G#3	Footsteps 1	●	
57	A2	A3	Footsteps 2	●	
58	A#2	A#3	Applause	●	
59	B2	B3	Door Creaking	●	
60	C3	C4	Door	●	
61	C#3	C#4	Scratch	●	
62	D3	D4	Wind Chimes	●	
63	D#3	D#4	Car-Engine	●	
64	E3	E4	Car-Stop	●	
65	F3	F4	Car-Pass	●	
66	F#3	F#4	Car-Crash	●	
67	G3	G4	Siren	●	
68	G#3	G#4	Train	●	
69	A3	A4	Jetplane	●	
70	A#3	A#4	Helicopter	●	
71	B3	B4	Starship	●	
72	C4	C5	Gun Shot	●	
73	C#4	C#5	Machine Gun	●	
74	D4	D5	Lasergun	●	
75	D#4	D#5	Explosion	●	
76	E4	E5	Dog	●	
77	F4	F5	Horse-Gallop	●	
78	F#4	F#5	Birds	●	
79	G4	G5	Rain	●	
80	G#4	G#5	Thunder	●	
81	A4	A5	Wind	●	
82	A#4	A#5	Seashore	●	
83	B4	B5	Stream	●	
84	C5	C6	Bubble	●	
85	C#5	C#6			
86	D5	D6			
87	D#5	D#6			
88	E5	E6			
89	F5	F6			
90	F#5	F#6			
91	G5	G6			

*1 Key Off: Keys marked "●" stop sounding the instant they are released.

*2 Alternate Group: Playing any instrument within a numbered group will immediately stop the sound of any other instrument in the same group of the same number.

Same as StandardSet No Sound

Style List / Liste der Styles / Liste des styles / Lista de estilos

Category	Style Name	
Pop&Rock	80sPowerRock	
	80sPopRock	
	80sGuitarPop	
	90sRockBallad	
	BritRockPop	
	Cool8Beat	
	Live8Beat	
	Classic8Beat	
	Uptempo8Beat	
	80sPop	
	FunkPopRock	
	ContempRock	
	AcousticRock	
	HardRock	
	PowerRock	
	ChartPianoShfl	
	ChartRockShfl	
	ChartGuitarPop	
	RockShuffle	
	60sVintagePop	
	60sGuitarPop	
	60sPopRock	
	60sVintageRock	
	60s8Beat	
	70s8Beat	
	BubblegumPop	
	BritPop	
	BritPopSwing	
	VintageGtrPop	
	90sGuitarPop	
	8BeatModern	
	WestCoastPop	
	KoolShuffle	
	JazzPop	
	Unplugged	
	Ballad	ModernPopBld
		SoulR&B
		R&BSoulBallad
		8BeatBallad
		70sGlamPiano
		90sCoolBallad
		Chillout
		EasyBallad
		EPBallad
		EpicBallad
		PowerBallad
		OrganBallad
PianoBallad		
ClassicPianoBld		
80sEPBallad		
Modern16BtBld		
16BeatBallad		
ContempPopBld		
6-8SlowRock		
6-8Orchestral		
6-8Modern		
12-8Ballad		
LoveSong		
NewR&BBallad		
80sBoyBand		
PopWaltz		
GuitarSerenade		
Dance		ClubDJHouse
		MiamiHouse
		ElectricHouse
		GangsterHouse
		GrimeHouse
		PianoHouse
		ElectroStep
		EuroDance
		ProgressiveHouse
		FrenchClubHouse
	Electronica	
	FunkyHouse	
	Dancehall	
	Garage	

Category	Style Name	
Dance	Dubstep	
	ModernHipHop	
	MellowHipHop	
	NewHipHop	
	ClassicHipHop	
	USHipHop	
	FunkDisco	
	70sDisco	
	70sDiscoFunk	
	DiscoPhilly	
	80sSynthDisco	
	80sDisco	
	90sDisco	
	DiscoTeens	
	DiscoHouse	
	GlobalDJ's	
	Ibiza2010	
	ClubHouse	
	Clubdance	
	SynthPop	
	TrancePop	
	RetroPop	
	ChartPop	
	ModChartPop	
	EuroTrance	
	ClubBeat	
	6-8Trance	
	NewR&B	
	PopR&B	
	ChartR&B	
	Swing&Jazz	ModernBigBand
		ModBigBandShfl
		ModBigBandBld
		AfroCuban
		AcousticJazz
		JazzGuitarClub
		CoolJazzBallad
		InstrumentalJazz
		ModernJazzBld
		OrchBigBand
		OrchestraSwing
		DreamyBallad
		EasyListening
MidnightSwing		
MORSwing		
JazzWaltzMed		
JazzWaltzFast		
BigBandFast		
JumpJive		
OrganGroove		
FrenchJazz		
Five-Four		
Ragtime		
Charleston		
Dixieland		
MoonlightBallad		
Latin	BrazilianSamba	
	BossaNova	
	FastBossa	
	SlowBossa	
	OrchestralBossa	
	SheriffReggae	
	HappyReggae	
	Axe	
	SambaReggae	
	LatinPartyPop	
	Cumbia	
	Merengue	
	Bachata	
	Guajira	
	CubanSon	
	Danzon	
	Bomba	
Parranda		
Forro		
PopLatin		

Category	Style Name	
Latin	LatinDisco	
	PopBossa	
	RockChaCha	
	PopLatinBallad	
	Beguine	
	Salsa	
	RumbaFlamencos	
	Calypso	
	BoleroLento	
	Reggaeton	
	Rumbaisland	
	GuitarRumba	
	OrganBossa	
	World	Zeibekikos
		Tsifteteli
		Kalamatianos
		Syrtorumba
		Tsamikos
		Karsilamas
		Hasapiko
		5-8Greek
		Hasaposerviko
		Kamilieriko
		7-8Greek
Bagio		
ZitherPolka		
VienneseWaltz		
Flamenco		
PopFlamenco		
Sirtaki		
HighlandWaltz		
GermanWaltz		
FrenchWaltz		
ItalianWaltz		
EnglishWaltz		
MariachiWaltz		
ItalianMazurka		
ItalianPolka		
OberPolka		
OberWalzer		
Zouk		
Norteno		
FrenchMusette		
Duranguense		
Grupera		
Jig		
Reel		
ScottishPolka		
SpanishPaso		
USMarch		
GermanMarch		
6-8March		
Tarantella		
HullyGully		
Arabic	Saeidy1	
	ChaabiModern	
	Mahragan	
	SaidiDance	
	KatakofitiLeb	
	WehdeLeb	
	LaffSyria	
	LaffMaksoum	
	BaladiLeb	
	Saeidy2	
	Saeidy3	
	Baladi	
	Katakoufti	
	Maksoum	
	Karatchi	
	Laff1	
	Ayoub	
	WehdaSaghira	
	MaksoumSarih	
	ArabicEuro1	
ArabicEuro2		
Saeidy4		

Category	Style Name
Arabic	Saeidy5
	Ibrahimi
	Zaffah
	Hajaa
	6-8Soudasi
	WehdaKabira
	Wehda
	SaeidyDance
	KaratchiDance
	LaffDance1
	LaffDance2
	Laff2
	Laff3
Khaligi	Rumba
	Khaligi
	Jerk
	MasmoudiKabir
	Fox
	Valse
	10-8Samai
	Haiwa
	Georgina1
	RombaLive
	BandariSeeroos1
	Dosari
	Sowahli1
	Khebatilive
	Atbah
	BandariEmirates
	Khebaiti3-4
Khebaiti4-4	
RumbaKhaligi1	
RumbaKhaligi2	
RumbaKhaligi3	
Georgina2	
Iraqi2	
Yanbaawi	
Samri2	
Bastah	
Adaniat	
Laiwa	
Stati	
Sout4-4	
Sout6-4	
Adani	
Shakshaka	
Sowahli2	
Iraqi1	
BandariSeeroos2	
Muruba	
Dazza	
Samri1	
Tamburah	
Sharh	
Emarati1	
Samri3	
Ashori	
ShaabiEmirates	
Emarati2	
IraqiMix	
Maghrebi	BadouiWahrani
	HadiBerwali
	RayAlaoui
	LibiChaabi
	Aissawi
	Zayani6-8
	Chaabi
	KaratchiMaroc
	FazzaniTunisi
	Ghita
Souga	
Fazzani	
Iranian	6-8Pop
	6-8Looti
	6-8Rengi
	6-8Qeri

Category	Style Name
Iranian	6-8Modern1
	6-8Rap
	Bandari1
	BandariModern
	Bastaki
	Kermanshahi
	KordiPop
	BakhtiariMarch
	6-8AzariAtma
	Bandari2
	6-8Azari
	AzariLezgi
	6-8SlowAzari
	2-4Azari
	Qashgai1
	Qashgai2
	Qashgai3
	Qashgai4
	Qashgai5
	6-8Afqani
	2-4Irani
	Raghs1
	Raghs2
	Raghs3
	6-8Tomba1
	6-8IranianTomba
	6-8Dance
	KoocheBazaari
	IranianClub1
	IranianClub2
	IranianSonnati
	IranianClub3
	RengIranian
	3-4Irani
	AstaAzari
	ZarbStyle
	6-8Modern2
	IranGeri
	6-8Irani
	6-8Modern3
	6-8Bandari
	6-8Modern4
	6-8Tombak1
	6-8Tombak2
	6-8Tomba2
	IranianDance
	Turkish
TurkishSlow	
TurkishDance	
2-4Oyun	
Misket	
3-4Slow	
6-8Slow	
4-4Oriental	
10-8Tsm	
10-8Thm	
6-8Azeri	
7-8Turku	
7-8Karadeniz	
DoubleVahde	
9-8Roman	
Halay	
2-4&6-8Halay	
Ciftetelli1	
Harmandali	
9-4Zeybek	
6-8Tsm	
BossaNovaTR	
HoronKaradeniz	
SlowTR	
Vahde2	
Alternative	
5-8Horon	
RhumbaTR	
6-8Halay	
5-16Karadeniz	

Category	Style Name
Turkish	4-4Halk
	7-8Rumeli
	9-8Teke
	Ciftetelli2
	9-8Tsm
	TurkPop
	9-8Trance
	Ankara
	Payduska
	VahdeR&B
	2-4Dugun
	Cokertme
	TurkuPop
	AcousticLine
	VahdeKorfez
	9-8Disco
	Dansoz
	Davullu2Telli
	9-8EgeOyun
9-8Thm	

Multi Pad Bank List / Multi-Pad-Bank-Liste / Liste des banques multi-pads / Lista de bancos de Multi Pad

Category	Bank Name	
KeyboardPhrase	PianoArp8Beat	
	PianoArp16Beat	
	PianoGlissando	
	LatinKeys	
	BoogieLoops	
	OrganBlues	
	HeavenArpeggio	
TwinkleArpeggio		
GuitarPhrase	E.Gtr16BtCut1	
	E.Gtr16BtCut2	
	E.Gtr16BtCut3	
	FunkyGtr16Bt1	
	FunkyGtr16Bt2	
	FunkyGtr16Bt3	
	DiscoGuitar	
	E.Gtr16BtShfl1	
	E.Gtr16BtShfl2	
	E.Gtr16BtPick	
	E.Gtr8BtShfl	
	E.Guitar6-8	
	E.Gtr8BtStrm1	
	E.Gtr8BtStrm2	
	E.GtrRock1	
	E.GtrRock2	
	Steel8BtStrum1	
	Steel8BtStrum2	
	SteelBsChdSlow	
	SteelBsChdFast	
	SteelTriplet1	
	SteelTriplet2	
	SteelGuitar6-8	
	SteelGtrPick1	
	SteelGtrPick2	
	SteelGtrPick3	
	SteelGtrPick4	
	NylonGtrPick	
	NylonAccomp	
	NylonBossa1	
	NylonBossa2	
	FlamencoGtr	
	A.GtrAccomp	
	JazzGtrSwing	
	ArabicGuitar	
	TurkishGuitar	
	GreekChord	
	StringsPhrase	StringsArpeggio
		StringsBallad
		StringsLegato
BaroqueStrings		
StringsRun&Fall		
Classical		
OrchestraHit		
Harpeggio1		
Harpeggio2		
KanounChord		
BigBandSwing1		
BigBandSwing2		
BigBandSwing3		
BrassPhrase	BrassSwing	
	TrumpetSwing	
	Brass8Beat	
	BrassChords1	
	BrassChords2	
	BrassChords3	
	Falls	
	SynthBrassSlide	
	AttentionDuo	
	Fanfare	
	SynthPhrase	TranceSeq1
		TranceSeq2
		TechnoSeq1
TechnoSeq2		
TechnoSeq3		
Garage		
EuroDance		
DanceSynth		

Category	Bank Name
PercussionLoop	ArabicLoop1
	ArabicLoop2
	ArabicLoop3
	ArabicLoop4
	KhaligiLoop1
	KhaligiLoop2
	KhaligiLoop3
	KhaligiLoop4
	KhaligiLoop5
	LiwaLoop
	MaghrebiLoop
	IranianLoop1
	IranianLoop2
	IranianLoop3
	IranianLoop4
	IranianLoop5
	TurkishLoop1
	TurkishLoop2
	TurkishLoop3
	TurkishLoop4
	TurkishLoop5
	TurkishLoop6
	TurkishLoop7
	TurkishLoop8
	9-8TurkishLoop
	Oriental1
	Oriental2
	Oriental3
	Oriental4
	Oriental5
	Oriental6
	Oriental7
	Oriental8
	LatinPerc1
	LatinPerc2
	LatinPerc3
	LatinPerc4
LatinPerc5	
Conga&Bongo1	
CarnivalDeRio	
LatinPop	
Rumba&Soca	
SambaPerc	
Cajon1	
Cajon2	
Shaker&Tamb	
Timbales&Tom	
EthnicPerc	
PercussionOneshot	ArabicPerc1
	ArabicPerc2
	ArabicPerc3
	Tablah
	Riq
	SagatClap
	KhaligiPerc1
	KhaligiPerc2
	KhaligiPerc3
	KhaligiSagat
	Sout
	Tar
	Ray
IranianPerc1	
IranianPerc2	
Gong&Chime	
BigBells	
MagicBells	
LatinKit1	
LatinKit2	
LatinKit3	
Conga&Bongo2	
ChineseKit2	
DrumLoop	House1
	House2
	House3
	ElectroStep
	BigRoom

Category	Bank Name	
DrumLoop	Tribal	
	BreakBeatz	
	HipHop1	
	HipHop2	
	HeavyShuffle	
	NewR&B	
	SnarePlay1	
	SnarePlay2	
	DrumOneshot	PowerToms
		PowerSnares
CrashCymbals		
PowerKit1		
PowerKit2		
DrumEndings		
DanceKit		
DJ-BasicSet		
DJ-SFX		
ScratchBank		
DJ Phrase	ClubDJHouse A	
	ClubDJHouse B	
	ClubDJHouse C	
	ClubDJHouse D	
	MiamiHouse A	
	MiamiHouse B	
	MiamiHouse C	
	MiamiHouse D	
	ElectricHouse A	
	ElectricHouse B	
	ElectricHouse C	
	ElectricHouse D	
	GangsterHouse A	
	GangsterHouse B	
	GangsterHouse C	
	GangsterHouse D	
	GrimeHouse A	
	GrimeHouse B	
	GrimeHouse C	
	GrimeHouse D	
	PianoHouse A	
	PianoHouse B	
	PianoHouse C	
	PianoHouse D	
ElectroStep A		
ElectroStep B		
ElectroStep C		
ElectroStep D		
EuroDance A		
EuroDance B		
EuroDance C		
EuroDance D		
ProgressiveHouse A		
ProgressiveHouse B		
ProgressiveHouse C		
ProgressiveHouse D		
FrenchClubHouse A		
FrenchClubHouse B		
FrenchClubHouse C		
FrenchClubHouse D		
SFX	Wooshes1	
	Wooshes2	
	Breathing	
	Car SE	
	Day SE	
	Horror SE	
	Night SE	
Water SE		
Combination	EDM Kit1	
	EDM Kit2	
	DanceMix1	
	DanceMix2	
	DanceMix3	
	ReggaeAccomp	
	Comedy	
	XmasLoops	
IndianKit		
ChineseKit1		

Harmony/Arpeggio Type List / Liste der Harmony-/Arpeggiotypen / Liste des types d'harmonie/arpège / Lista de tipos de armonía/arpeggio

Category	Type	
Harmony	Standard Duet	
	Standard Trio	
	Full Chord	
	Rock Duet	
	Country Duet	
	Country Trio	
	Block	
	4-Way Close1	
	4-Way Close2	
	4-Way Open	
	1+5	
	Octave	
	Strum	
	Multi Assign	
	Echo	Echo4
		Echo6
		Echo8
Echo12		
Tremolo8		
Tremolo12		
Tremolo16		
Tremolo32		
Trill12		
Trill16		
Trill24		
Trill32		
Arp/Up&Down	Up Octave 1	
	Up Octave 2	
	Up Octave 3	
	Up Octave 4	
	Down Octave 1	
	Down Octave 2	
	Down Octave 3	
	Down Octave 4	
	Up&Down A Octave 1	
	Up&Down A Octave 2	
	Up&Down A Octave 3	
	Up&Down A Octave 4	
	Up&Down B Octave 1	
	Up&Down B Octave 2	
	Up&Down B Octave 3	
	Up&Down B Octave 4	
	2 Octave Up	
	4 Octave Up	
	Up&Down 1	
	Up&Down 2	
	Up&Down 3	
	Up&Down 4	
	Up&Random 1	
	Up&Random 2	
	Up&Random 3	
	Up&Random 4	
	Arp/Synth Sequence	Synth Sequence 1
Synth Sequence 2		
Synth Sequence 3		
Synth Sequence 4		
Synth Sequence 5		
Synth Sequence 6		
Synth Sequence 7		
Synth Sequence 8		
Synth Sequence 9		
Synth Sequence 10		
Synth Sequence 11		
Synth Sequence 12		
Synth Sequence 13		
Synth Sequence 14		
Synth Sequence 15		
Synth Sequence 16		
Synth Sequence 17		
Octave Sequence 1		
Octave Sequence 2		
Octave Sequence 3		
Octave Sequence 4		
Octave Sequence 5		
Octave Sequence 6		
Octave Sequence 7		

Category	Type
Arp/Synth Sequence	Octave Sequence 8
	Mute Arpeggio 1
	Mute Arpeggio 2
	Mute Arpeggio 3
	Sequence S&H1
	Sequence S&H2
	Poly Arpeggio 1
	Poly Arpeggio 2
	Syncopation 1
	Syncopation 2
	X-Sweep 1
	X-Sweep 2
	X-Sweep 3
	Random Octave 1
	Random Octave 2
	Random Octave 3
	Random Octave 4
Arp/Chord Sequence	Synth Chord 1
	Synth Chord 2
	Synth Chord 3
	Synth Chord 4
	Synth Chord 5
	Synth Chord 6
	Synth Chord 7
	Synth Chord 8
	Synth Chord 9
	Synth Chord 10
	Synth Chord 11
	Synth Chord 12
	Synth Chord 13
	Synth Chord 14
	Synth Chord 15
	Synth Chord 16
	Synth Chord 17
Arp/Electro	Trance 1
	Trance 2
	Trance 3
	Trance 4
	Trance 5
	Trance 6
	Trance 7
	Trance 8
	Trance 9
	Trance 10
	Trance 11
	Trance 12
	Dream Dance 1
	Dream Dance 2
	Techno
	Acid 1
	Acid 2
	Acid 3
	Electro 1
	Electro 2
Electro 3	
Electro 4	
Electro 5	
Electro 6	
Electro 7	
Electro 8	
Electro 9	
Electro 10	
Electro 11	
Electro 12	
Electro 13	
Arp/Keyboard	Piano Arpeggio 1
	Piano Arpeggio 2
	Piano Arpeggio 3
	Piano Arpeggio 4
	Piano Arpeggio 5
	Piano Arpeggio 6
	Piano Arpeggio 7
	Piano Arpeggio 8
	Piano Arpeggio 9
	Piano Arpeggio 10
	Piano Arpeggio 11

Category	Type
Arp/Keyboard	Piano Arpeggio 12
	Piano Arpeggio 13
	Piano Arpeggio 14
	Piano Arpeggio 15
	Piano Club 1
	Piano Club 2
	Slow Feel 1
	Slow Feel 2
	Analog Pop 1
	Analog Pop 2
	Analog Pop 3
	New Gospel 1
	New Gospel 2
	Clavi 1
	Clavi 2
Clavi 3	
House Organ 1	
House Organ 2	
House Organ 3	
Arp/Guitar	Overdrive Guitar
	Pop Guitar
	Rock Guitar
	Funk Guitar
	Spanish Guitar
Cutting Guitar	
Arp/Strings	Strings 1
	Strings 2
	Strings 3
	Strings 4
	Strings 5
	Strings 6
	Strings 7
	Strings 8
	Strings 9
	Strings 10
	Strings 11
	Strings 12
	Strings 13
Pizzicato	

Effect Type List / Liste der Effekttypen / Liste des types d'effet / Lista de tipos de efecto

Reverb Block

Category	Type	Description	MSB	LSB	Parameter List	
Reverb	Real Large Hall	Real reverb simulating the acoustics of a large sized hall.	1	32	REAL REVERB	
	Real Medium Hall	Real reverb simulating the acoustics of a medium sized hall.	1	33	REAL REVERB	
	Real Bright Hall	Real reverb simulating the acoustics of a bright sounding hall.	1	34	REAL REVERB	
	Basic Hall	Reverb simulating the acoustics of a hall. Standard setting.	1	21	REVERB1	
	Light Hall	Reverb simulating the acoustics of a hall. Light setting.	1	22	REVERB1	
	Ballad Hall	Reverb simulating the acoustics of a hall. For ballad type music.	1	19	REVERB2	
	Piano Hall	Reverb simulating the acoustics of a hall. For piano sound.	1	20	REVERB2	
	Hall 1	Reverb simulating the acoustics of a hall.	1	0	REVERB1	
	Hall 2		1	16	REVERB1	
	Hall 3		1	17	REVERB1	
	Hall 4		1	18	REVERB1	
	Hall 5		1	1	REVERB1	
	Vocal Hall 1	Reverb suitable for vocals.	1	27	REVERB1	
	Vocal Hall 2		1	28	REVERB1	
	Real Room	Real reverb simulating the acoustics of a room.	2	32	REAL REVERB	
	Real Power Room	Real reverb simulating the acoustics of a room with powerful room reflections.	2	33	REAL REVERB	
	Acoustic Room	Reverb simulating the acoustics of a room. Standard setting.	2	20	REVERB1	
	Drums Room	Reverb simulating the acoustics of a room. For drum sounds.	2	21	REVERB1	
	Stage	Reverb suitable for a solo instrument.	3	16	REVERB1	
	Real Large Plate	Real reverb simulating a large plate reverb unit.	4	32	REAL REVERB	
	Real Medium Plate	Real reverb simulating a medium sized plate reverb unit.	4	33	REAL REVERB	
	Real Rattle Plate	Real reverb simulating a plate reverb unit with spring rattle.	4	34	REAL REVERB	
	Plate	Reverb simulating a plate reverb unit.	4	16	REVERB1	
	Legacy	Hall M	Reverb simulating the acoustics of a hall.	1	6	REVERB1
		Hall L		1	7	REVERB1
		Atmosphere Hall	A unique long reverb with atmosphere.	1	23	REVERB1
Large Hall		Reverb simulating the acoustics of a hall.	1	2	REVERB2	
Medium Hall			1	3	REVERB2	
Percussion Room		Reverb simulating the acoustics of a room. For percussion sounds.	2	22	REVERB1	
Room 1		Reverb simulating the acoustics of a room.	2	16	REVERB1	
Room 2			2	17	REVERB1	
Room 3			2	18	REVERB1	
Room 4			2	19	REVERB1	
Room 5			2	0	REVERB1	
Room 6			2	1	REVERB1	
Room 7			2	2	REVERB1	
Room S			2	5	REVERB1	
Room M			2	6	REVERB1	
Room L			2	7	REVERB1	
Warm Room			Reverb simulating the acoustics of a warm room.	2	3	REVERB2
White Room			A unique short reverb with a bit of initial delay.	16	0	REVERB3
Woody Room			Reverb simulating the acoustics of a wood-built room.	2	4	REVERB2
Stage 2		Reverb suitable for a solo instrument.	3	17	REVERB1	
Stage 3			3	0	REVERB1	
Stage 4			3	1	REVERB1	
Plate 2		Reverb simulating a plate reverb unit.	4	17	REVERB1	
Plate 3			4	0	REVERB1	
GM Plate			4	7	REVERB1	
Rich Plate			4	1	REVERB2	
Tunnel		Simulates a cylindrical space expanding to left and right.	17	0	REVERB3	
Canyon		A hypothetical acoustic space which extends without limit.	18	0	REVERB3	
Basement		A bit of initial delay followed by reverb with a unique resonance.	19	0	REVERB3	
---		No Effect	No effect.	0	0	NO EFFECT

Chorus Block

Category	Type	Description	MSB	LSB	Parameter List	
Reverb	Hall 1	Reverb simulating the acoustics of a hall.	1	0	REVERB1	
	Hall 2		1	16	REVERB1	
	Hall 3		1	17	REVERB1	
	Hall 4		1	18	REVERB1	
	Hall 5		1	1	REVERB1	
	Acoustic Room	Reverb simulating the acoustics of a room. Standard setting.	2	20	REVERB1	
	Drums Room	Reverb simulating the acoustics of a room. For drum sounds.	2	21	REVERB1	
	Stage	Reverb suitable for a solo instrument.	3	16	REVERB1	
	Plate	Reverb simulating a plate reverb unit.	4	16	REVERB1	
Delay	Tempo Delay 1	Tempo-synchronized delay.	21	0	TEMPO DELAY	
	Tempo Delay 2		21	16	TEMPO DELAY	
	Tempo Echo	Tempo-synchronized echo.	21	8	TEMPO DELAY	
	Tempo Cross 1	Tempo-synchronized cross delay.	22	0	TEMPO CROSS DELAY	
	Tempo Cross 2		22	16	TEMPO CROSS DELAY	
	Tempo Cross 3		22	17	TEMPO CROSS DELAY	
	Tempo Cross 4		22	18	TEMPO CROSS DELAY	
Modulation	Chorus 1	Conventional chorus program with rich, warm choring.	66	17	CHORUS	
	Chorus 2		66	8	CHORUS	
	Symphonic	Adds more stages to the modulation of Celeste.	68	16	SYMPHONIC	
	Flanger	Creates a sound similar to that of a jet airplane.	67	8	FLANGER	
	Tempo Flanger	Tempo-synchronized flanger.	107	0	TEMPO FLANGER	
	Phaser	Cyclically modulates the phase to add modulation to the sound.	72	0	PHASER1	
	Tempo Phaser	Tempo-synchronized phaser.	108	0	TEMPO PHASER	
	E-Piano Phaser	Cyclically modulates the phase to add modulation to the sound. For electric piano.	72	17	PHASER1	
	Dual Rotary Speaker Bright	Simulates a rotary speaker.	99	16	ROTARY SPEAKER1	
	Dual Rotary Speaker Warm		99	17	ROTARY SPEAKER1	
	Rotary Speaker		69	16	ROTARY SPEAKER2	
	Tremolo	Rich Tremolo effect with both volume and pitch modulation.	70	16	TREMOLO	
	E-Piano Tremolo		70	18	TREMOLO	
	Tempo Tremolo	Tempo-synchronized rich Tremolo effect with both volume and pitch modulation.	120	0	TEMPO TREMOLO	
	Auto Pan	Several panning effects that automatically shift the sound position (left, right, front, back).	71	16	AUTO PAN1	
	Tempo Auto Pan	Tempo-synchronized auto pan.	121	0	TEMPO AUTO PAN1	
	Legacy	Hall M	Reverb simulating the acoustics of a hall.	1	6	REVERB1
Hall L		1		7	REVERB1	
Atmosphere Hall		A unique long reverb with atmosphere.	1	23	REVERB1	
Percussion Room		Reverb simulating the acoustics of a room. For percussion sounds.	2	22	REVERB1	
Room 1		Reverb simulating the acoustics of a room.	2	16	REVERB1	
Room 2			2	17	REVERB1	
Room 3			2	18	REVERB1	
Room 4			2	19	REVERB1	
Room 5			2	0	REVERB1	
Room 6			2	1	REVERB1	
Room 7			2	2	REVERB1	
Room S			2	5	REVERB1	
Room M			2	6	REVERB1	
Room L			2	7	REVERB1	
Stage 2			Reverb suitable for a solo instrument.	3	17	REVERB1
Stage 3				3	0	REVERB1
Stage 4				3	1	REVERB1
Plate 2			Reverb simulating a plate reverb unit.	4	17	REVERB1
Plate 3		4		0	REVERB1	
GM Plate		4		7	REVERB1	
Karaoke 1		Echo for karaoke.	20	0	KARAOKE	
Karaoke 2			20	1	KARAOKE	
Karaoke 3			20	2	KARAOKE	
Early Reflection 1		This effect isolates only the early reflection components of the reverb.	9	0	EARLY REFLECTION	
Early Reflection 2			9	1	EARLY REFLECTION	
Chorus 3		Conventional chorus program with rich, warm choring.	66	16	CHORUS	
Chorus 4			66	1	CHORUS	
Chorus 5			65	2	CHORUS	
Chorus 6			65	0	CHORUS	
Chorus 7			65	1	CHORUS	
Chorus 8			65	8	CHORUS	
Chorus Fast			65	16	CHORUS	
Chorus Lite			65	17	CHORUS	
GM Chorus 1			65	3	CHORUS	
GM Chorus 2			65	4	CHORUS	
GM Chorus 3			65	5	CHORUS	
GM Chorus 4			65	6	CHORUS	
Feedback Chorus			65	7	CHORUS	
Celeste 1			A 3-phase LFO adds modulation and spaciousness to the sound.	66	0	CHORUS
Celeste 2				66	2	CHORUS
Symphonic 2			Adds more stages to the modulation of Celeste.	68	0	SYMPHONIC

Effect Type List / Liste der Effektypen / Liste des types d'effet / Lista de tipos de efecto

Category	Type	Description	MSB	LSB	Parameter List	
Legacy	Ensemble Detune 1	Chorus effect without modulation, created by adding a slightly pitch-shifted sound.	87	0	ENSEMBLE DETUNE	
	Ensemble Detune 2		87	16	ENSEMBLE DETUNE	
	Flanger 2	Creates a sound similar to that of a jet airplane.	67	16	FLANGER	
	Flanger 3		67	17	FLANGER	
	Flanger 4		67	1	FLANGER	
	Flanger 5		67	0	FLANGER	
	GM Flanger		67	7	FLANGER	
	Phaser 2	Cyclically modulates the phase to add modulation to the sound.	72	8	PHASER2	
	Phaser 3		72	19	PHASER2	
	Tempo Phaser 2	Tempo-synchronized phaser.	108	16	TEMPO PHASER	
	E-Piano Phaser 2	Cyclically modulates the phase to add modulation to the sound. For electric piano.	72	18	PHASER1	
	E-Piano Phaser 3		72	16	PHASER1	
	Dual Rotary Speaker 1	Simulates a rotary speaker.	99	0	ROTARY SPEAKER1	
	Dual Rotary Speaker 2		99	1	ROTARY SPEAKER1	
	Rotary Speaker 2		71	17	AUTO PAN1	
	Rotary Speaker 3		71	18	AUTO PAN1	
	Rotary Speaker 4		70	17	TREMOLO	
	Rotary Speaker 5		66	18	CHORUS	
	Rotary Speaker 6		69	0	ROTARY SPEAKER2	
	Rotary Speaker 7		71	22	AUTO PAN1	
	2way Rotary Speaker		86	0	2WAY ROTARY SPEAKER	
	Tremolo 2		Rich Tremolo effect with both volume and pitch modulation.	71	19	AUTO PAN1
	Tremolo 3			70	0	TREMOLO
	Guitar Tremolo 1			71	20	AUTO PAN1
	Guitar Tremolo 2			70	19	TREMOLO
	Vibraphone Rotor	Vibraphone effect.	119	0	VIBE VIBRATE	
	Auto Pan 2	Several panning effects that automatically shift the sound position (left, right, front, back).	71	0	AUTO PAN1	
	Auto Pan 3		71	1	AUTO PAN2	
	E-Piano Auto Pan		71	21	AUTO PAN1	
	Tempo Auto Pan 2	Tempo-synchronized auto pan.	121	1	TEMPO AUTO PAN2	
	Pitch Change 1	Changes the pitch of the input signal.	80	16	PITCH CHANGE1	
	Pitch Change 2		80	0	PITCH CHANGE1	
	Pitch Change 3		80	1	PITCH CHANGE2	
---	No Effect	No effect.	0	0	NO EFFECT	

DSP1–4 Block

LCD Block Name	XG Block Name
DSP1	XG Variation Block
DSP2	XG Insertion1 Block
DSP3	XG Insertion2 Block
DSP4	XG Insertion3 Block

Category	Type	Description	MSB	LSB	Parameter List	
Reverb	Hall 1	Reverb simulating the acoustics of a hall.	1	0	REVERB1	
	Hall 2		1	16	REVERB1	
	Hall 3		1	17	REVERB1	
	Hall 4		1	18	REVERB1	
	Hall 5		1	1	REVERB1	
	Acoustic Room	Reverb simulating the acoustics of a room. Standard setting.	2	20	REVERB1	
	Drums Room	Reverb simulating the acoustics of a room. For drum sounds.	2	21	REVERB1	
	Stage	Reverb suitable for a solo instrument.	3	16	REVERB1	
	Plate	Reverb simulating a plate reverb unit.	4	16	REVERB1	
Delay	Delay LCR 1	Produces three delayed sounds: L, R and C (center).	5	16	DELAY LCR	
	Delay LCR 2		5	0	DELAY LCR	
	Delay LR	Produces two delayed sounds: L and R. Two feedback delays are provided.	6	0	DELAY LR	
	Echo	Two delayed sounds (L and R), and independent feedback delays for L and R.	7	0	ECHO	
	Cross Delay 1	The feedback of the two delayed sounds is crossed.	8	0	CROSS DELAY	
	Cross Delay 2		8	16	CROSS DELAY	
	Tempo Delay 1	Tempo-synchronized delay.	21	0	TEMPO DELAY	
	Tempo Delay 2		21	16	TEMPO DELAY	
	Tempo Echo	Tempo-synchronized echo.	21	8	TEMPO DELAY	
	Tempo Cross 1	Tempo-synchronized cross delay.	22	0	TEMPO CROSS DELAY	
	Tempo Cross 2		22	16	TEMPO CROSS DELAY	
	Tempo Cross 3		22	17	TEMPO CROSS DELAY	
	Tempo Cross 4		22	18	TEMPO CROSS DELAY	
Distortion	Multi FX Distortion Solo	Multi effector for guitar. Setting for guitar solo.	95	32	MULTI FX	
	Multi FX Distortion Basic	Multi effector for guitar. Setting for basic distortion.	95	33	MULTI FX	
	Multi FX Overdrive Chorus	Multi effector for guitar. Setting for overdrive & chorus.	95	34	MULTI FX	
	Multi FX Crunch Wah	Multi effector for guitar. Setting for crunch & wah.	95	35	MULTI FX	
	Multi FX Oldies Delay	Multi effector for guitar. Setting for vintage delay.	95	36	MULTI FX	
	Multi FX Vintage Echo	Multi effector for guitar. Setting for vintage echo.	95	37	MULTI FX	
	Small Stereo Distortion	Stereo distortion for guitar. Setting for distortion sound.	96	32	SMALL STEREO DIST	
	Small Stereo Overdrive	Stereo distortion for guitar. Setting for overdrive sound.	96	33	SMALL STEREO DIST	
	Small Stereo Vintage Amp	Stereo distortion for guitar. Setting for vintage sound.	96	34	SMALL STEREO DIST	
	Small Stereo Heavy Dist	Stereo distortion for guitar. Setting for heavy sound.	96	35	SMALL STEREO DIST	
	British Combo Classic	British combo amp simulator. Setting for classic sound.	97	32	BRITISH COMBO	
	British Combo Top Boost	British combo amp simulator. Setting for "TOP BOOST" sound.	97	33	BRITISH COMBO	
	British Combo Custom	British combo amp simulator. Setting for custom sound.	97	34	BRITISH COMBO	
	British Combo Heavy	British combo amp simulator. Setting for heavy sound.	97	35	BRITISH COMBO	
	British Legend Blues	British stack amp simulator. Setting for blues sound.	98	32	BRITISH LEGEND	
	British Legend Heavy1	British stack amp simulator. Setting for heavy sound 1.	98	33	BRITISH LEGEND	
	British Legend Heavy2	British stack amp simulator. Setting for heavy sound 2.	98	34	BRITISH LEGEND	
	British Legend Clean	British stack amp simulator. Setting for clean sound.	98	35	BRITISH LEGEND	
	British Legend Dirty Clean	British stack amp simulator. Setting for crunch sound.	98	36	BRITISH LEGEND	
	V Distortion Crunch	Distortion which simulates the sound of a vintage tube, fuzz effect, etc.	98	18	V DISTORTION	
	V Distortion Blues		98	21	V DISTORTION	
	Stereo Amp Sim Solid	Stereo amp simulator.	75	29	STEREO AMP SIMULATOR	
	Stereo Amp Sim Crunch		75	30	STEREO AMP SIMULATOR	
Stereo Amp Sim Blues	75		28	STEREO AMP SIMULATOR		
V Distortion Hard + Delay	V Distortion Hard and Delay are connected in series.	98	1	V DISTORTION DELAY		
EQ & Comp	Compressor Medium	Compressor with medium setting.	83	16	COMPRESSOR	
	Compressor Heavy	Compressor with heavy setting.	83	17	COMPRESSOR	
	Compressor Melody	Compressor for the Melody part.	105	16	MULTI BAND COMP	
	Compressor Bass	Compressor for the Bass part.	105	17	MULTI BAND COMP	
	EQ Telephone	Equalizer effect that cuts both high and low frequencies, to simulate the sound heard through a telephone receiver.	76	17	3BAND EQ	
	3Band EQ	A mono EQ with adjustable LOW, MID, and HIGH equalization.	76	0	3BAND EQ	
	Loop FX 1	Degrades the audio quality of the input signal. Ideal for drum sounds.	94	16	LO FI	
	Loop FX 2		94	17	LO FI	
	Lo-Fi Drum 1		94	18	LO FI	
	Lo-Fi Drum 2		94	19	LO FI	
	Lo-Fi Drum 3		76	19	3BAND EQ	
Lo-Fi Drum 4	76		20	3BAND EQ		
Modulation	Chorus 1		Conventional chorus program with rich, warm chorusing.	66	17	CHORUS
	Chorus 2			66	8	CHORUS
	Symphonic	Adds more stages to the modulation of Celeste.	68	16	SYMPHONIC	
	Flanger	Creates a sound similar to that of a jet airplane.	67	8	FLANGER	
	V Flanger	A simulation of an analog flanger effect. The LFO has a random setting.	104	0	V FLANGER	
	Tempo Flanger	Tempo-synchronized flanger.	107	0	TEMPO FLANGER	
	Phaser	Cyclically modulates the phase to add modulation to the sound.	72	0	PHASER1	

Effect Type List / Liste der Effektypen / Liste des types d'effet / Lista de tipos de efecto

Category	Type	Description	MSB	LSB	Parameter List	
Modulation	Tempo Phaser	Tempo-synchronized phaser.	108	0	TEMPO PHASER	
	E-Piano Phaser	Cyclically modulates the phase to add modulation to the sound. For electric piano.	72	17	PHASER1	
	Auto Wah	Cyclically modulates the center frequency of a wah filter.	78	16	AUTO WAH	
	Auto Wah + Distortion	Distortion can be applied to the output of Auto Wah.	78	17	AUTO WAH DISTORTION	
	Tempo Auto Wah	Tempo-synchronized Auto Wah.	79	0	TEMPO AUTO WAH1	
	Touch Wah	Changes the center frequency of a wah filter according to the input level.	82	0	TOUCH WAH1	
	Touch Wah + Distortion	Distortion can be applied to the output of Touch Wah.	82	16	TOUCH WAH1	
	Pedal Wah	Changes the center frequency of a wah filter according to "Pedal Control" parameter. (See Effect Parameter List.)	122	0	PEDAL WAH1	
	Pedal Wah + Distortion	Distortion can be applied to the output of Pedal Wah.	122	1	PEDAL WAH2	
	Dual Rotary Speaker Bright	Simulates a rotary speaker.	99	16	ROTARY SPEAKER1	
	Dual Rotary Speaker Warm		99	17	ROTARY SPEAKER1	
	Rotary Speaker		69	16	ROTARY SPEAKER2	
	Tremolo	Rich Tremolo effect with both volume and pitch modulation.	70	16	TREMOLO	
	E-Piano Tremolo		70	18	TREMOLO	
	Tempo Tremolo	Tempo-synchronized rich Tremolo effect with both volume and pitch modulation.	120	0	TEMPO TREMOLO	
Auto Pan	Several panning effects that automatically shift the sound position (left, right, front, back).	71	16	AUTO PAN1		
Tempo Auto Pan	Tempo-synchronized auto pan.	121	0	TEMPO AUTO PAN1		
Legacy	Hall M	Reverb simulating the acoustics of a hall.	1	6	REVERB1	
	Hall L		1	7	REVERB1	
	Atmosphere Hall	A unique long reverb with atmosphere.	1	23	REVERB1	
	Percussion Room	Reverb simulating the acoustics of a room. For percussion sounds.	2	22	REVERB1	
	Room 1	Reverb simulating the acoustics of a room.	2	16	REVERB1	
	Room 2		2	17	REVERB1	
	Room 3		2	18	REVERB1	
	Room 4		2	19	REVERB1	
	Room 5		2	0	REVERB1	
	Room 6		2	1	REVERB1	
	Room 7		2	2	REVERB1	
	Room S		2	5	REVERB1	
	Room M		2	6	REVERB1	
	Room L		2	7	REVERB1	
	White Room		A unique short reverb with a bit of initial delay.	16	0	REVERB3
	Stage 2		Reverb suitable for a solo instrument.	3	17	REVERB1
	Stage 3	3		0	REVERB1	
	Stage 4	3		1	REVERB1	
	Plate 2	Reverb simulating a plate reverb unit.	4	17	REVERB1	
	Plate 3		4	0	REVERB1	
	GM Plate		4	7	REVERB1	
	Tunnel	Simulates a cylindrical space expanding to left and right.	17	0	REVERB3	
	Canyon	A hypothetical acoustic space which extends without limit.	18	0	REVERB3	
Basement	A bit of initial delay followed by reverb with a unique resonance.	19	0	REVERB3		
Karaoke 1	Echo for karaoke.	20	0	KARAOKE		
Karaoke 2		20	1	KARAOKE		
Karaoke 3		20	2	KARAOKE		
Legacy	Early Reflection 1	This effect isolates only the early reflection components of the reverb.	9	0	EARLY REFLECTION	
	Early Reflection 2		9	1	EARLY REFLECTION	
	Gate Reverb 1	Simulation of gated reverb.	10	0	GATE REVERB	
	Gate Reverb 2		10	16	GATE REVERB	
	Reverse Gate	Simulation of gated reverb played back in reverse.	11	0	GATE REVERB	
	V Distortion Warm	Distortion which simulates the sound of a vintage tube, fuzz effect, etc.	98	22	V DISTORTION	
	V Distortion Classic Hard		98	23	V DISTORTION	
	V Distortion Classic Soft		98	20	V DISTORTION	
	V Distortion Metal		98	24	V DISTORTION	
	V Distortion Edgy		98	19	V DISTORTION	
	V Distortion Solid		98	25	V DISTORTION	
	V Distortion Clean 1		98	17	V DISTORTION	
	V Distortion Clean 2		98	26	V DISTORTION	
	V Distortion Twin		98	16	V DISTORTION	
	V Distortion Rockabilly		103	18	V DIST TEMPO DELAY	
	V Distortion Jazz Clean		98	27	V DISTORTION	
	V Distortion Fusion		103	19	V DIST TEMPO DELAY	
	V Distortion Hard		98	0	V DISTORTION	
	V Distortion Soft		98	2	V DISTORTION	
	Stereo Amp Sim Clean		Stereo amp simulator.	75	27	STEREO AMP SIMULATOR
	Stereo Amp Sim BluesHarp	75		31	STEREO AMP SIMULATOR	
	Distortion Hard 1	Hard-edge distortion.	75	16	AMP SIMULATOR1	
	Distortion Hard 2		75	22	AMP SIMULATOR1	
	Distortion Soft 1	Soft, warm distortion.	75	17	AMP SIMULATOR1	
	Distortion Soft 2		75	23	AMP SIMULATOR1	
	Distortion Heavy	Heavy distortion.	73	0	DISTORTION	
	Overdrive	Adds mild distortion to the sound.	74	0	DISTORTION	
	Stereo Distortion	Stereo distortion.	73	8	STEREO DISTORTION	
	Stereo Overdrive	Stereo overdrive.	74	8	STEREO DISTORTION	

Category	Type	Description	MSB	LSB	Parameter List
Legacy	Stereo Distortion Hard	Hard-edge stereo distortion.	75	18	STEREO AMP SIMULATOR
	Stereo Distortion Soft	Soft, warm soft distortion.	75	19	STEREO AMP SIMULATOR
	Amp Simulator 1	A simulation of a guitar amp.	75	0	AMP SIMULATOR1
	Amp Simulator 2		75	1	AMP SIMULATOR2
	Stereo Amp Simulator 1	Stereo amp simulator.	75	20	STEREO AMP SIMULATOR
	Stereo Amp Simulator 2		75	21	STEREO AMP SIMULATOR
	Stereo Amp Simulator 3		75	8	STEREO AMP SIMULATOR
	Stereo Amp Simulator 4		75	24	STEREO AMP SIMULATOR
	Stereo Amp Simulator 5		75	25	STEREO AMP SIMULATOR
	Stereo Amp Simulator 6		75	26	STEREO AMP SIMULATOR
	Distortion + Delay 1		Distortion and Delay are connected in series.	95	16
	Distortion + Delay 2	95		0	DISTORTION DELAY
	Overdrive + Delay 1	Overdrive and Delay are connected in series.	95	17	DISTORTION DELAY
	Overdrive + Delay 2		95	1	DISTORTION DELAY
	Comp + Dist + Delay 1	Compressor, Distortion and Delay are connected in series.	96	16	COMP DIST DELAY
	Comp + Dist + Delay 2		96	0	COMP DIST DELAY
	Comp + OD + Delay 1		96	17	COMP DIST DELAY
	Comp + OD + Delay 2		96	1	COMP DIST DELAY
	V Distortion Soft + Delay	V Distortion Soft and Delay are connected in series.	98	3	V DISTORTION DELAY
	V Dist Hard + Tmp Delay 1	V Distortion Hard and Tempo Delay are connected in series.	103	0	V DIST TEMPO DELAY
	V Dist Hard + Tmp Delay 2		103	17	V DIST TEMPO DELAY
	V Dist Soft + Tmp Delay 1	V Distortion Soft and Tempo Delay are connected in series.	103	1	V DIST TEMPO DELAY
	V Dist Soft + Tmp Delay 2		103	16	V DIST TEMPO DELAY
	Distortion + Tempo Delay	Distortion and Tempo Delay are connected in series.	100	0	DIST TEMPO DELAY
	Overdrive + Tempo Delay	Overdrive and Tempo Delay are connected in series.	100	1	DIST TEMPO DELAY
	Comp + Distortion 1	Since a Compressor is included in the first stage, steady distortion can be produced regardless of changes in input level.	73	16	COMP DISTORTION
	Comp + Distortion 2		73	1	COMP DISTORTION
	Comp + Dist + Tmp Delay	Compressor, Distortion and Tempo Delay are connected in series.	101	0	COMP DIST TEMPO DELAY
	Comp + OD + Tmp Delay 1	Compressor, Overdrive and Tempo Delay are connected in series.	101	1	COMP DIST TEMPO DELAY
	Comp + OD + Tmp Delay 2		101	16	COMP DIST TEMPO DELAY
	Comp + OD + Tmp Delay 3		101	17	COMP DIST TEMPO DELAY
	Comp + OD + Tmp Delay 4		101	18	COMP DIST TEMPO DELAY
	Comp + OD + Tmp Delay 5		101	19	COMP DIST TEMPO DELAY
	Comp + OD + Tmp Delay 6		101	20	COMP DIST TEMPO DELAY
	Multiband Compressor	Multi-band compressor that allows you to adjust the compression effect for individual frequency bands.	105	0	MULTI BAND COMP
	Compressor	Holds down the output level when a specified input level is exceeded. A sense of attack can also be added to the sound.	83	0	COMPRESSOR
	Noise Gate	Gates the input when the input signal falls below a specified level.	84	0	NOISE GATE
	EQ Disco	Equalizer effect that boosts both high and low frequencies, as is typical in most disco music.	76	16	3BAND EQ
	2Band EQ	A stereo EQ with adjustable LOW and HIGH. Ideal for drum Parts.	77	0	2BAND EQ
	Stereo 3Band EQ	A stereo EQ with adjustable LOW, MID, and HIGH equalization.	76	18	3BAND EQ
	Harmonic Enhancer 1	Adds new harmonics to the input signal to make the sound stand out.	81	16	HARMONIC ENHANCER
	Harmonic Enhancer 2		81	0	HARMONIC ENHANCER
	Isolator	Controls the level of a specified frequency band of the input signal.	115	0	ISOLATOR
	Chorus 3	Conventional chorus program with rich, warm choring.	66	16	CHORUS
	Chorus 4		66	1	CHORUS
	Chorus 5		65	2	CHORUS
	Chorus 6		65	0	CHORUS
	Chorus 7		65	1	CHORUS
	Chorus 8		65	8	CHORUS
	Chorus Fast		65	16	CHORUS
	Chorus Lite		65	17	CHORUS
	GM Chorus 1		65	3	CHORUS
	GM Chorus 2		65	4	CHORUS
	GM Chorus 3		65	5	CHORUS
	GM Chorus 4		65	6	CHORUS
	Feedback Chorus		65	7	CHORUS
Celeste 1	A 3-phase LFO adds modulation and spaciousness to the sound.		66	0	CHORUS
Celeste 2			66	2	CHORUS
Symphonic 2	Adds more stages to the modulation of Celeste.		68	0	SYMPHONIC
Ensemble Detune 1	Chorus effect without modulation, created by adding a slightly pitch-shifted sound.		87	0	ENSEMBLE DETUNE
Ensemble Detune 2		87	16	ENSEMBLE DETUNE	
Ambience Chorus	Chorus which added early reflection sound.	65	9	AMBIENCE CHORUS	
Ambience Celeste	Celeste which added early reflection sound.	66	9	AMBIENCE CHORUS	
Ambience Symphonic	Symphonic which added early reflection sound.	68	9	AMBIENCE SYMPHONIC	
Flanger 2	Creates a sound similar to that of a jet airplane.	67	16	FLANGER	
Flanger 3		67	17	FLANGER	
Flanger 4		67	1	FLANGER	
Flanger 5		67	0	FLANGER	
GM Flanger		67	7	FLANGER	
Dynamic Flanger		Dynamically controlled flanger.	110	0	DYNAMIC FLANGER
Ambience Flanger		Flanger which added early reflection sound.	67	9	AMBIENCE FLANGER
Phaser 2	Cyclically modulates the phase to add modulation to the sound.	72	8	PHASER2	
Phaser 3		72	19	PHASER2	
Tempo Phaser 2		Tempo-synchronized phaser.	108	16	TEMPO PHASER

Effect Type List / Liste der Effektypen / Liste des types d'effet / Lista de tipos de efecto

Category	Type	Description	MSB	LSB	Parameter List
Legacy	E-Piano Phaser 2	Cyclically modulates the phase to add modulation to the sound. For electric piano.	72	18	PHASER1
	E-Piano Phaser 3		72	16	PHASER1
	Dynamic Phaser	Dynamically controlled phaser.	111	0	DYNAMIC PHASER
	Auto Wah 2	Cyclically modulates the center frequency of a wah filter.	78	0	AUTO WAH
	Auto Wah + Distortion 2	Distortion can be applied to the output of Auto Wah.	78	1	AUTO WAH DISTORTION
	Auto Wah + Dist Hard		78	21	AUTO WAH DISTORTION
	Auto Wah + Dist Heavy		78	23	AUTO WAH DISTORTION
	Auto Wah + Dist Lite		78	25	AUTO WAH DISTORTION
	Auto Wah + Overdrive 1	Overdrive distortion can be applied to the output of Auto Wah.	78	18	AUTO WAH DISTORTION
	Auto Wah + Overdrive 2		78	2	AUTO WAH DISTORTION
	Auto Wah + OD Hard		78	22	AUTO WAH DISTORTION
	Auto Wah + OD Heavy		78	24	AUTO WAH DISTORTION
	Auto Wah + OD Lite		78	26	AUTO WAH DISTORTION
	Tmp AutoWah + Dist	Tempo-synchronized Auto Wah. Distortion can be applied to the output.	79	1	TEMPO AUTO WAH2
	Tmp AutoWah + Dist Hard		79	21	TEMPO AUTO WAH2
	Tmp AutoWah + Dist Heavy		79	23	TEMPO AUTO WAH2
	Tmp AutoWah + Dist Lite		79	25	TEMPO AUTO WAH2
	Tmp AutoWah + OD	Tempo-synchronized Auto Wah. Overdrive distortion can be applied to the output.	79	2	TEMPO AUTO WAH2
	Tmp AutoWah + OD Hard		79	22	TEMPO AUTO WAH2
	Tmp AutoWah + OD Heavy		79	24	TEMPO AUTO WAH2
	Tmp AutoWah + OD Lite		79	26	TEMPO AUTO WAH2
	Touch Wah 2	Changes the center frequency of a wah filter according to the input level.	82	8	TOUCH WAH2
	Touch Wah 3		82	20	TOUCH WAH2
	Touch Wah + Distortion 2	Distortion can be applied to the output of Touch Wah.	82	1	TOUCH WAH1
	Touch Wah + Dist Hard		82	21	TOUCH WAH2
	Touch Wah + Dist Heavy		82	23	TOUCH WAH2
	Touch Wah + Dist Lite		82	25	TOUCH WAH2
	Touch Wah + Overdrive 1	Overdrive distortion can be applied to the output of Touch Wah.	82	17	TOUCH WAH2
	Touch Wah + Overdrive 2		82	2	TOUCH WAH2
	Touch Wah + OD Hard		82	22	TOUCH WAH2
	Touch Wah + OD Heavy		82	24	TOUCH WAH2
	Touch Wah + OD Lite		82	26	TOUCH WAH2
	Wah + Dist + Delay 1	Wah, Distortion and Delay are connected in series.	97	16	WAH DISTORTION DELAY
	Wah + Dist + Delay 2		97	0	WAH DISTORTION DELAY
	Wah + Dist + Tmp Delay	Wah, Distortion and Tempo Delay are connected in series.	102	0	WAH DIST TEMPO DELAY
	Wah + Overdrive + Delay 1	Wah, Overdrive and Delay are connected in series.	97	17	WAH DISTORTION DELAY
	Wah + Overdrive + Delay 2		97	1	WAH DISTORTION DELAY
	Wah + OD + Tmp Delay 1	Wah, Overdrive and Tempo Delay are connected in series.	102	1	WAH DIST TEMPO DELAY
	Wah + OD + Tmp Delay 2		102	16	WAH DIST TEMPO DELAY
	Clavi Touch Wah	Clavinet Touch Wah	82	18	TOUCH WAH2
	EP Touch Wah	EP Touch Wah	82	19	TOUCH WAH2
	Pedal Wah + Dist Hard	Distortion can be applied to the output of Pedal Wah.	122	21	PEDAL WAH2
	Pedal Wah + Dist Heavy		122	23	PEDAL WAH2
	Pedal Wah + Dist Lite		122	25	PEDAL WAH2
	Pedal Wah + Overdrive	Overdrive distortion can be applied to the output of Pedal Wah.	122	2	PEDAL WAH2
	Pedal Wah + OD Hard		122	22	PEDAL WAH2
	Pedal Wah + OD Heavy		122	24	PEDAL WAH2
	Pedal Wah + OD Lite		122	26	PEDAL WAH2
	Dual Rotary Speaker 1	Simulates a rotary speaker.	99	0	ROTARY SPEAKER1
	Dual Rotary Speaker 2		99	1	ROTARY SPEAKER1
	Rotary Speaker 2		71	17	AUTO PAN1
	Rotary Speaker 3		71	18	AUTO PAN1
	Rotary Speaker 4		70	17	TREMOLO
	Rotary Speaker 5		66	18	CHORUS
	Rotary Speaker 6		69	0	ROTARY SPEAKER2
	Rotary Speaker 7		71	22	AUTO PAN1
	2way Rotary Speaker		86	0	2WAY ROTARY SPEAKER
	Dist + Rotary SP	Distortion and rotary speaker connected in series.	69	1	DIST ROTARY SPEAKER
	Dist + 2way Rotary SP	Distortion and 2-way rotary speaker connected in series.	86	1	DIST 2WAY ROTARY SP
	OD + Rotary SP	Overdrive and rotary speaker connected in series.	69	2	DIST ROTARY SPEAKER
	OD + 2way Rotary SP	Overdrive and 2-way rotary speaker connected in series.	86	2	DIST 2WAY ROTARY SP
	Amp Sim + Rotary SP	Amp simulator and rotary speaker connected in series.	69	3	AMP ROTARY SPEAKER
	Amp Sim + 2way Rotary SP	Amp simulator and 2-way rotary speaker connected in series.	86	3	AMP 2WAY ROTARY SP
	Tremolo 2	Rich Tremolo effect with both volume and pitch modulation.	71	19	AUTO PAN1
	Tremolo 3		70	0	TREMOLO
	Guitar Tremolo 1		71	20	AUTO PAN1
	Guitar Tremolo 2		70	19	TREMOLO
	Vibraphone Rotor	Vibraphone effect.	119	0	VIBE VIBRATE
	Auto Pan 2	Several panning effects that automatically shift the sound position (left, right, front, back).	71	0	AUTO PAN1
	Auto Pan 3		71	1	AUTO PAN2
	E-Piano Auto Pan		71	21	AUTO PAN1
	Tempo Auto Pan 2	Tempo-synchronized auto pan.	121	1	TEMPO AUTO PAN2
	Pitch Change 1	Changes the pitch of the input signal.	80	16	PITCH CHANGE1
	Pitch Change 2		80	0	PITCH CHANGE1
	Pitch Change 3		80	1	PITCH CHANGE2
	Voice Cancel	Attenuates the vocal part of a CD or other source.	85	0	VOICE CANCELAR

Category	Type	Description	MSB	LSB	Parameter List
Legacy	Ambience	Blurs the stereo positioning of the sound to add spatial width.	88	0	AMBIENCE
	Talking Modulation	Adds a vowel sound to the input signal.	93	0	TALKING MODULATION
	Lo-Fi	Degrades the audio quality of the input signal.	94	0	LO FI
	Dynamic Filter	Dynamically controlled filter.	109	0	DYNAMIC FILTER
	Dynamic Ring Modulator	Dynamically controlled Ring Modulator.	112	0	DYNAMIC RING MOD
	Ring Modulator	An effect that modifies the pitch by applying amplitude modulation to the frequency of the input.	113	0	RING MODULATOR
---	No Effect	No effect.	0	0	NO EFFECT
---	Through	Bypass without applying an effect.	64	0	THRU

Effect Parameter List / Liste der Effektparameter / Liste des paramètres d'effets / Lista de parámetros de efectos

- Parameters marked with a ● in the "Control" column can be controlled from an AC1 (assignable controller 1) etc. However, these only affect insertion type effects.
- Parameter 10 Dry/Wet only affects insertion type effects.

(*1) Reverb Block

(*2) Chorus Block, DSP1(Variation) Block and DSP2-4(Insertion) Block

REVERB

REAL REVERB

Block : Reverb

No.	Parameter	Display	Min	Max	Table	Control
1	Reverb Time	0.3s – 30.0s	0	69	Table#1	
2						
3	Initial Delay	0.1ms – 200.0ms	0	127	Table#2	
4	High Damp Frequency	1.0kHz – 18kHz, Thru	34	60	Table#3	
5						
6	High Ratio	0.0 – 1.0	0	10		
7						
8						
9						
10						
11						
12						
13	EQ Low Frequency	22Hz – 1.0kHz	1	34	Table#3	
14	EQ Low Gain	-12dB – 0dB – +12dB	52	76		
15	EQ High Frequency	500Hz – 18.0kHz	28	59	Table#3	
16	EQ High Gain	-12dB – 0dB – +12dB	52	76		

REVERB1

Block : Reverb, Chorus, DSP1(Variation), DSP2-4(Insertion)

No.	Parameter	Display	Min	Max	Table	Control
1	Reverb Time	0.3s – 30.0s	0	69	Table#1	
2	Diffusion	0 – 10	0	10		
3	Initial Delay	0.1ms – 200.0ms (*1) 0.1ms – 99.3ms (*2)	0	127 63	Table#2	
4	HPF Cutoff	Thru, 22Hz – 8.0kHz	0	52	Table#3	
5	LPF Cutoff	1.0kHz – 18kHz, Thru	34	60	Table#3	
6						
7						
8						
9						
10	Dry/Wet	D63>W – D=W – D<W63	1	127		●
11	Reverb Delay	0.1ms – 200.0ms (*1) 0.1ms – 99.3ms (*2)	0	127 63	Table#2	
12	Density	0 – 4	0	4		
13	ER/Reverb Balance	E63>R – E=R – E<R63	1	127		
14	High Damp	0.1 – 1.0	1	10		
15	Feedback Level	-63 – 0 – +63	1	127		
16						

REVERB2

Block : Reverb

No.	Parameter	Display	Min	Max	Table	Control
1	Reverb Time	0.3s – 30.0s	0	69	Table#1	
2	Diffusion	0 – 10	0	10		
3	Initial Delay	0.1ms – 200.0ms	0	127	Table#2	
4	HPF Cutoff	Thru, 22Hz – 8.0kHz	0	52	Table#3	
5	LPF Cutoff	1.0kHz – 18kHz, Thru	34	60	Table#3	
6						
7						
8						
9						
10						
11						
12						
13						
14	High Damp	0.1 – 1.0	1	10		
15						
16						

REVERB3

Block : Reverb, DSP1(Variation), DSP2-4(Insertion)

No.	Parameter	Display	Min	Max	Table	Control
1	Reverb Time	0.3s – 30.0s	0	69	Table#1	
2	Diffusion	0 – 10	0	10		
3	Initial Delay	0.1ms – 200.0ms (*1) 0.1ms – 99.3ms (*2)	0	127 63	Table#2	
4	HPF Cutoff	Thru, 22Hz – 8.0kHz	0	52	Table#3	
5	LPF Cutoff	1.0kHz – 18kHz, Thru	34	60	Table#3	
6	Width	0.5m – 30.2m (*1) 0.5m – 10.2m (*2)	0	104 37	Table#4	
7	Height	0.5m – 30.2m (*1) 0.5m – 20.2m (*2)	0	104 73	Table#4	
8	Depth	0.5m – 30.2m	0	104	Table#4	
9	Wall Vary	0 – 30	0	30		
10	Dry/Wet	D63>W – D=W – D<W63	1	127		●
11	Reverb Delay	0.1ms – 200.0ms (*1) 0.1ms – 99.3ms (*2)	0	127 63	Table#2	
12	Density	0 – 4	0	4		
13	ER/Reverb Balance	E63>R – E=R – E<R63	1	127		
14	High Damp	0.1 – 1.0	1	10		
15	Feedback Level	-63 – 0 – +63	1	127		
16						

DELAY

DELAY LCR

Block : DSP1(Variation), DSP2-4(Insertion)

No.	Parameter	Display	Min	Max	Table	Control
1	Lch Delay	0.1ms – 1638.3ms	1	16383		
2	Rch Delay	0.1ms – 1638.3ms	1	16383		
3	Cch Delay	0.1ms – 1638.3ms	1	16383		
4	Feedback Delay	0.1ms – 1638.3ms	1	16383		
5	Feedback Level	-63 – 0 – +63	1	127		
6	Cch Level	0 – 127	0	127		
7	High Damp	0.1 – 1.0	1	10		
8						
9						
10	Dry/Wet	D63>W – D=W – D<W63	1	127		●
11						
12						
13	EQ Low Frequency	32Hz – 2.0kHz	4	40	Table#3	
14	EQ Low Gain	-12dB – 0dB – +12dB	52	76		
15	EQ High Frequency	500Hz – 16.0kHz	28	58	Table#3	
16	EQ High Gain	-12dB – 0dB – +12dB	52	76		

DELAY LR

Block : DSP1(Variation), DSP2-4(Insertion)

No.	Parameter	Display	Min	Max	Table	Control
1	Lch Delay	0.1ms – 1638.3ms	1	16383		
2	Rch Delay	0.1ms – 1638.3ms	1	16383		
3	Feedback Delay 1	0.1ms – 1638.3ms	1	16383		
4	Feedback Delay 2	0.1ms – 1638.3ms	1	16383		
5	Feedback Level	-63 – 0 – +63	1	127		
6	High Damp	0.1 – 1.0	1	10		
7						
8						
9						
10	Dry/Wet	D63>W – D=W – D<W63	1	127		●
11						
12						
13	EQ Low Frequency	32Hz – 2.0kHz	4	40	Table#3	
14	EQ Low Gain	-12dB – 0dB – +12dB	52	76		
15	EQ High Frequency	500Hz – 16.0kHz	28	58	Table#3	
16	EQ High Gain	-12dB – 0dB – +12dB	52	76		

ECHO

Block : DSP1(Variation), DSP2-4(Insertion)

No.	Parameter	Display	Min	Max	Table	Control
1	Lch Delay1	0.1ms – 1486.0ms	1	14860		
2	Lch Feedback Level	-63 – 0 – +63	1	127		
3	Rch Delay1	0.1ms – 1486.0ms	1	14860		
4	Rch Feedback Level	-63 – 0 – +63	1	127		
5	High Damp	0.1 – 1.0	1	10		
6	Lch Delay2	0.1ms – 1486.0ms	1	14860		
7	Rch Delay2	0.1ms – 1486.0ms	1	14860		
8	Delay2 Level	0 – 127	0	127		
9						
10	Dry/Wet	D63>W – D=W – D<W63	1	127		●
11						
12						
13	EQ Low Frequency	32Hz – 2.0kHz	4	40	Table#3	
14	EQ Low Gain	-12dB – 0dB – +12dB	52	76		
15	EQ High Frequency	500Hz – 16.0kHz	28	58	Table#3	
16	EQ High Gain	-12dB – 0dB – +12dB	52	76		

CROSS DELAY

Block : DSP1(Variation), DSP2-4(Insertion)

No.	Parameter	Display	Min	Max	Table	Control
1	L->R Delay	0.1ms – 1486.0ms	1	14860		
2	R->L Delay	0.1ms – 1486.0ms	1	14860		
3	Feedback Level	-63 – 0 – +63	1	127		
4	Input Select	L, R, L&R	0	2		
5	High Damp	0.1 – 1.0	1	10		
6						
7						
8						
9						
10	Dry/Wet	D63>W – D=W – D<W63	1	127		●
11						
12						
13	EQ Low Frequency	32Hz – 2.0kHz	4	40	Table#3	
14	EQ Low Gain	-12dB – 0dB – +12dB	52	76		
15	EQ High Frequency	500Hz – 16.0kHz	28	58	Table#3	
16	EQ High Gain	-12dB – 0dB – +12dB	52	76		

TEMPO DELAY

Block : Chorus, DSP1(Variation), DSP2-4(Insertion)

No.	Parameter	Display	Min	Max	Table	Control
1	Delay Time	32nd/3 – 4thx6	0	19	Table#5	
2	Feedback Level	-63 – 0 – +63	1	127		
3	Feedback High Dump	0.1 – 1.0	1	10		
4	L/R Diffusion	-63ms – 0ms – 63ms	1	127		
5	Lag	-63ms – 0ms – 63ms	1	127		
6						
7						
8						
9						
10	Dry/Wet	D63>W – D=W – D<W63	1	127		●
11						
12						
13	EQ Low Frequency	32Hz – 2.0kHz	4	40		
14	EQ Low Gain	-12dB – 0dB – +12dB	52	76		
15	EQ High Frequency	500Hz – 16.0kHz	28	58		
16	EQ High Gain	-12dB – 0dB – +12dB	52	76		

TEMPO CROSS DELAY

Block : Chorus, DSP1(Variation), DSP2-4(Insertion)

No.	Parameter	Display	Min	Max	Table	Control
1	Delay Time L>R	32nd/3 – 4thx6	0	19	Table#5	
2	Delay Time R>L	32nd/3 – 4thx6	0	19	Table#5	
3	Feedback Level	-63 – 0 – +63	1	127		
4	Input Select	L, R, L&R	0	2		
5	Feedback High Dump	0.1 – 1.0	1	10		
6	Lag	-63ms – 0ms – 63ms	1	127		
7						
8						
9						
10	Dry/Wet	D63>W – D=W – D<W63	1	127		●
11						
12						
13	EQ Low Frequency	32Hz – 2.0kHz	4	40		
14	EQ Low Gain	-12dB – 0dB – +12dB	52	76		
15	EQ High Frequency	500Hz – 16.0kHz	28	58		
16	EQ High Gain	-12dB – 0dB – +12dB	52	76		

ER/KARAOKE

KARAOKE

Block : Chorus, DSP1(Variation), DSP2-4(Insertion)

No.	Parameter	Display	Min	Max	Table	Control
1	Delay Time	0.1ms – 400.0ms	0	127	Table#6	
2	Feedback Level	-63 – 0 – +63	1	127		
3	HPF Cutoff	Thru, 22Hz – 8.0kHz	0	52	Table#3	
4	LPF Cutoff	1.0kHz – 18kHz, Thru	34	60	Table#3	
5						
6						
7						
8						
9						
10	Dry/Wet	D63>W – D=W – D<W63	1	127		●
11	Density	0 – 3	0	3		
12						
13						
14						
15						
16						

EARLY REFLECTION

Block : DSP1(Variation), DSP2-4(Insertion)

No.	Parameter	Display	Min	Max	Table	Control
1	Type	S-H, L-H, Rdm, Rvs, Plt, Spr	0	5		
2	Room Size	0.1 – 20.0	0	127	Table#7	
3	Diffusion	0 – 10	0	10		
4	Initial Delay	0.1ms – 200.0ms	0	127	Table#2	
5	Feedback Level	-63 – 0 – +63	1	127		
6	HPF Cutoff	Thru, 22Hz – 8.0kHz	0	52	Table#3	
7	LPF Cutoff	1.0kHz – 18kHz, Thru	34	60	Table#3	
8						
9						
10	Dry/Wet	D63>W – D=W – D<W63	1	127		●
11	Liveness	0 – 10	0	10		
12	Density	0 – 3	0	3		
13	High Damp	0.1 – 1.0	1	10		
14						
15						
16						

GATE REVERB

Block : DSP1(Variation), DSP2-4(Insertion)

No.	Parameter	Display	Min	Max	Table	Control
1	Type	TypeA, TypeB	0	1		
2	Room Size	0.1 – 20.0	0	127	Table#7	
3	Diffusion	0 – 10	0	10		
4	Initial Delay	0.1ms – 200.0ms	0	127	Table#2	
5	Feedback Level	-63 – 0 – +63	1	127		
6	HPF Cutoff	Thru, 22Hz – 8.0kHz	0	52	Table#3	
7	LPF Cutoff	1.0kHz – 18kHz, Thru	34	60	Table#3	
8						
9						
10	Dry/Wet	D63>W – D=W – D<W63	1	127		●
11	Liveness	0 – 10	0	10		
12	Density	0 – 3	0	3		
13	High Damp	0.1 – 1.0	1	10		
14						
15						
16						

CHORUS

CHORUS
Block : Chorus, DSP1(Variation), DSP2-4(Insertion)

No.	Parameter	Display	Min	Max	Table	Control
1	LFO Frequency	0.00Hz – 39.7Hz	0	127	Table#8	
2	LFO Depth	0 – 127	0	127		
3	Feedback Level	-63 – 0 – +63	1	127		
4	Delay Offset	0.0ms – 50ms	0	127	Table#9	
5						
6	EQ Low Frequency	32Hz – 2.0kHz	4	40	Table#3	
7	EQ Low Gain	-12dB – 0dB – +12dB	52	76		
8	EQ High Frequency	500Hz – 16.0kHz	28	58	Table#3	
9	EQ High Gain	-12dB – 0dB – +12dB	52	76		
10	Dry/Wet	D63>W – D=W – D<W63	1	127		●
11	EQ Mid Frequency	100Hz – 10.0kHz	14	54	Table#3	
12	EQ Mid Gain	-12dB – 0dB – +12dB	52	76		
13	EQ Mid Width	0.1 – 12.0	1	120		
14						
15	Input Mode	Mono, Stereo	0	1		
16						

SYMPHONIC
Block : Chorus, DSP1(Variation), DSP2-4(Insertion)

No.	Parameter	Display	Min	Max	Table	Control
1	LFO Frequency	0.00Hz – 39.7Hz	0	127	Table#8	
2	LFO Depth	0 – 127	0	127		
3	Delay Offset	0.0ms – 50ms	0	127	Table#9	
4						
5						
6	EQ Low Frequency	32Hz – 2.0kHz	4	40	Table#3	
7	EQ Low Gain	-12dB – 0dB – +12dB	52	76		
8	EQ High Frequency	500Hz – 16.0kHz	28	58	Table#3	
9	EQ High Gain	-12dB – 0dB – +12dB	52	76		
10	Dry/Wet	D63>W – D=W – D<W63	1	127		●
11	EQ Mid Frequency	100Hz – 10.0kHz	14	54	Table#3	
12	EQ Mid Gain	-12dB – 0dB – +12dB	52	76		
13	EQ Mid Width	0.1 – 12.0	1	120		
14						
15						
16						

ENSEMBLE DETUNE
Block : Chorus, DSP1(Variation), DSP2-4(Insertion)

No.	Parameter	Display	Min	Max	Table	Control
1	Detune	-50cent – 0cent – +50cent	14	114		
2	Lch Initial Delay	0.0ms – 50ms	0	127	Table#9	
3	Rch Initial Delay	0.0ms – 50ms	0	127	Table#9	
4						
5						
6						
7						
8						
9						
10	Dry/Wet	D63>W – D=W – D<W63	1	127		●
11	EQ Low Frequency	32Hz – 2.0kHz	4	40	Table#3	
12	EQ Low Gain	-12dB – 0dB – +12dB	52	76		
13	EQ High Frequency	500Hz – 16.0kHz	28	58	Table#3	
14	EQ High Gain	-12dB – 0dB – +12dB	52	76		
15						
16						

AMBIENCE CHORUS
Block : DSP1(Variation), DSP2-4(Insertion)

No.	Parameter	Display	Min	Max	Table	Control
1	LFO Frequency	0.00Hz – 39.7Hz	0	127	Table#8	
2	LFO PMod Depth	0 – 127	0	127		
3	Feedback Level	-63 – 0 – +63	1	127		
4	Delay Offset	0.0ms – 50ms	0	127	Table#9	
5	LFO AMod Depth	0 – 127	0	127		
6						
7						
8						
9						
10	Dry/Wet	D63>W – D=W – D<W63	1	127		●
11						
12						
13						
14	Ambience	0 – 127	0	127		
15						
16	Connect Mode	Amb->Cho, Cho->Amb	0	1		

AMBIENCE SYMPHONIC
Block : DSP1(Variation), DSP2-4(Insertion)

No.	Parameter	Display	Min	Max	Table	Control
1	LFO Frequency	0.00Hz – 39.7Hz	0	127	Table#8	
2	LFO Depth	0 – 127	0	127		
3	Delay Offset	0.0ms – 50ms	0	127	Table#9	
4						
5						
6						
7						
8						
9						
10	Dry/Wet	D63>W – D=W – D<W63	1	127		●
11						
12						
13						
14	Ambience	0 – 127	0	127		
15						
16	Connect Mode	Amb->Sym, Sym->Amb	0	1		

FLANGER

FLANGER
Block : Chorus, DSP1(Variation), DSP2-4(Insertion)

No.	Parameter	Display	Min	Max	Table	Control
1	LFO Frequency	0.00Hz – 39.7Hz	0	127	Table#8	
2	LFO Depth	0 – 127	0	127		
3	Feedback Level	-63 – 0 – +63	1	127		
4	Delay Offset	0.0ms – 50ms	0	127	Table#9	
5						
6	EQ Low Frequency	32Hz – 2.0kHz	4	40	Table#3	
7	EQ Low Gain	-12dB – 0dB – +12dB	52	76		
8	EQ High Frequency	500Hz – 16.0kHz	28	58	Table#3	
9	EQ High Gain	-12dB – 0dB – +12dB	52	76		
10	Dry/Wet	D63>W – D=W – D<W63	1	127		●
11	EQ Mid Frequency	100Hz – 10.0kHz	14	54	Table#3	
12	EQ Mid Gain	-12dB – 0dB – +12dB	52	76		
13	EQ Mid Width	0.1 – 12.0	1	120		
14	LFO Phase Difference	-180deg – 0deg – +180deg(resolution=3deg.)	4	124		
15						
16						

V FLANGER
Block : DSP1(Variation), DSP2-4(Insertion)

No.	Parameter	Display	Min	Max	Table	Control
1	LFO Frequency	0.00Hz – 39.7Hz	0	127	Table#8	
2	LFO Depth	0 – 127	0	127		
3	LFO Wave	Triangle, Sine, Random	0	2		
4	Delay Offset	0.09ms – 36.21ms	0	139	Table#10	
5	Feedback Level	-100% – 0% – +100%	0	200		
6	EQ Low Frequency	32Hz – 2.0kHz	4	40	Table#3	
7	EQ Low Gain	-12dB – 0dB – +12dB	52	76		
8	EQ High Frequency	500Hz – 16.0kHz	28	58	Table#3	
9	EQ High Gain	-12dB – 0dB – +12dB	52	76		
10	Dry/Wet	D63>W – D=W – D<W63	1	127		●
11	EQ Mid Frequency	100Hz – 10.0kHz	14	54	Table#3	
12	EQ Mid Gain	-12dB – 0dB – +12dB	52	76		
13	EQ Mid Width	0.1 – 12.0	1	120		
14	Modulation Phase	-180deg – 0deg – +180deg	0	16	Table#11	
15	Feedback High Damp	0.1 – 1.0	1	10		
16	Analog Feel	0 – 10	0	10		

TEMPO FLANGER
Block : DSP1(Variation), DSP2-4(Insertion)

No.	Parameter	Display	Min	Max	Table	Control
1	LFO Frequency	16th – 4thx16	5	29	Table#5	
2	LFO Depth	0 – 127	0	127		
3	Feedback Level	-63 – 0 – +63	1	127		
4	Delay Offset	0.0ms – 50ms	0	127	Table#9	
5						
6	EQ Low Frequency	32Hz – 2.0kHz	4	40	Table#3	
7	EQ Low Gain	-12dB – 0dB – +12dB	52	76		
8	EQ High Frequency	500Hz – 16.0kHz	28	58	Table#3	
9	EQ High Gain	-12dB – 0dB – +12dB	52	76		
10	Dry/Wet	D63>W – D=W – D<W63	1	127		●
11	EQ Mid Frequency	100Hz – 10.0kHz	14	54	Table#3	
12	EQ Mid Gain	-12dB – 0dB – +12dB	52	76		
13	EQ Mid Width	0.1 – 12.0	1	120		
14	LFO Phase Difference	-180deg – 0deg – +180deg	4	124		
15						
16						

DYNAMIC FLANGER
Block : DSP1(Variation), DSP2-4(Insertion)

No.	Parameter	Display	Min	Max	Table	Control
1	Sensitivity	0 – 127	0	127		●
2	Delay Time Offset	0 – 127	0	127		
3	Feedback Level	-63 – 0 – +63	1	127		
4	Attack Time	0.3ms – 227ms	0	127	Table#12	
5	Release Time	2.6ms – 2171.4ms	0	127	Table#13	
6	Release Curve	0 – 127	0	127		
7	Direction	Up, Down	0	1		
8	Dyna Threshold Level	0 – 127	0	127		
9	Dyna Level Offset	0 – 127	0	127		
10	Dry/Wet	D63>W – D=W – D<W63	1	127		
11						
12						
13	EQ Low Frequency	32Hz – 2.0kHz	4	40	Table#3	
14	EQ Low Gain	-12dB – 0dB – +12dB	52	76		
15	EQ High Frequency	500Hz – 16.0kHz	28	58	Table#3	
16	EQ High Gain	-12dB – 0dB – +12dB	52	76		

PHASER2
Block : DSP1(Variation), DSP2-4(Insertion)

No.	Parameter	Display	Min	Max	Table	Control
1	LFO Frequency	0.00Hz – 39.7Hz	0	127	Table#8	
2	LFO Depth	0 – 127	0	127		
3	Phase Shift Offset	0 – 127	0	127		
4	Feedback Level	-63 – 0 – +63	1	127		
5						
6	EQ Low Frequency	32Hz – 2.0kHz	4	40	Table#3	
7	EQ Low Gain	-12dB – 0dB – +12dB	52	76		
8	EQ High Frequency	500Hz – 16.0kHz	28	58	Table#3	
9	EQ High Gain	-12dB – 0dB – +12dB	52	76		
10	Dry/Wet	D63>W – D=W – D<W63	1	127		●
11	Stage	3 – 11	3	11		
12						
13	LFO Phase Difference	-180deg – 0deg – +180deg(resolution=3deg.)	4	124		
14						
15						
16						

AMBIENCE FLANGER
Block : DSP1(Variation), DSP2-4(Insertion)

No.	Parameter	Display	Min	Max	Table	Control
1	LFO Frequency	0.00Hz – 39.7Hz	0	127	Table#8	
2	LFO Depth	0 – 127	0	127		
3	Feedback Level	-63 – 0 – +63	1	127		
4	Delay Offset	0.0ms – 50ms	0	127	Table#9	
5						
6						
7						
8						
9						
10	Dry/Wet	D63>W – D=W – D<W63	1	127		●
11						
12						
13						
14	LFO Phase Difference	-180deg – 0deg – +180deg(resolution=3deg.)	4	124		
15	Ambience	0 – 127	0	127		
16	Connect Mode	Amb->Flg, Flg->Amb	0	1		

TEMPO PHASER
Block : DSP1(Variation), DSP2-4(Insertion)

No.	Parameter	Display	Min	Max	Table	Control
1	LFO Frequency	16th – 4thx16	5	29	Table#5	
2	LFO Depth	0 – 127	0	127		
3	Phase Shift Offset	0 – 127	0	127		
4	Feedback Level	-63 – 0 – +63	1	127		
5						
6	EQ Low Frequency	32Hz – 2.0kHz	4	40	Table#3	
7	EQ Low Gain	-12dB – 0dB – +12dB	52	76		
8	EQ High Frequency	500Hz – 16.0kHz	28	58	Table#3	
9	EQ High Gain	-12dB – 0dB – +12dB	52	76		
10	Dry/Wet	D63>W – D=W – D<W63	1	127		●
11	Stage	3 – 11	3	11		
12						
13	LFO Phase Difference	-180deg – 0deg – +180deg	4	124		
14						
15						
16						

PHASER

PHASER1
Block : Chorus, DSP1(Variation), DSP2-4(Insertion)

No.	Parameter	Display	Min	Max	Table	Control
1	LFO Frequency	0.00Hz – 39.7Hz	0	127	Table#8	
2	LFO Depth	0 – 127	0	127		
3	Phase Shift Offset	0 – 127	0	127		
4	Feedback Level	-63 – 0 – +63	1	127		
5						
6	EQ Low Frequency	32Hz – 2.0kHz	4	40	Table#3	
7	EQ Low Gain	-12dB – 0dB – +12dB	52	76		
8	EQ High Frequency	500Hz – 16.0kHz	28	58	Table#3	
9	EQ High Gain	-12dB – 0dB – +12dB	52	76		
10	Dry/Wet	D63>W – D=W – D<W63	1	127		●
11	Stage	4 – 22	4	22		
12	Diffusion	Mono, Stereo	0	1		
13						
14						
15						
16						

DYNAMIC PHASER
Block : DSP1(Variation), DSP2-4(Insertion)

No.	Parameter	Display	Min	Max	Table	Control
1	Sensitivity	0 – 127	0	127		●
2	Dyna Level Offset	0 – 127	0	127		
3	Feedback Level	-63 – 0 – +63	1	127		
4	Attack Time	0.3ms – 227ms	0	127	Table#12	
5	Release Time	2.6ms – 2171.4ms	0	127	Table#13	
6	Release Curve	0 – 127	0	127		
7	Direction	Up, Down	0	1		
8	Dyna Threshold Level	0 – 127	0	127		
9						
10	Dry/Wet	D63>W – D=W – D<W63	1	127		
11	Stage	4, 5, 6	4	6		
12						
13	EQ Low Frequency	32Hz – 2.0kHz	4	40	Table#3	
14	EQ Low Gain	-12dB – 0dB – +12dB	52	76		
15	EQ High Frequency	500Hz – 16.0kHz	28	58	Table#3	
16	EQ High Gain	-12dB – 0dB – +12dB	52	76		

DISTORTION/AMP SIMULATOR

V DISTORTION
Block : DSP1(Variation), DSP2-4(Insertion)

No.	Parameter	Display	Min	Max	Table	Control
1	Overdrive	0% – 100%	0	100		
2	Device	Transistor, Vintage Tube, Dist1, Dist2, Fuzz	0	4		
3	Speaker Type	Flat, Stack, Combo, Twin, Radio, Megaphone	0	5		
4	Presence	0 – 20	0	20		
5	Output Level	0% – 100%	0	100		
6						
7						
8						
9						
10	Dry/Wet	D63>W – D=W – D<W63	1	127		●
11						
12						
13						
14						
15						
16						

V DIST TEMPO DELAY
Block : DSP1(Variation), DSP2-4(Insertion)

No.	Parameter	Display	Min	Max	Table	Control
1	Overdrive	0% – 100%	0	100		
2	Device	Transistor, Vintage Tube, Dist1, Dist2, Fuzz	0	4		
3	Speaker Type	Flat, Stack, Combo, Twin, Radio, Megaphone	0	5		
4	Presence	0 – 20	0	20		
5	Output Level	0% – 100%	0	100		
6	Delay Time	32nd/3 – 4thx6	0	19	Table#5	
7	Delay Feedback Level	-63 – 0 – +63	1	127		
8	L/R Diffusion	-63ms – 0ms – 63ms	1	127		
9	Lag	-63ms – 0ms – 63ms	1	127		
10	Dry/Wet	D63>W – D=W – D<W63	1	127		●
11	Delay Mix	0 – 127	0	127		
12	Feedback High Dump	0.1 – 1.0	1	10		
13						
14						
15						
16						

STEREO AMP SIMULATOR
Block : DSP1(Variation), DSP2-4(Insertion)

No.	Parameter	Display	Min	Max	Table	Control
1	Drive	0 – 127	0	127		●
2	AMP Type	Off, Stack, Combo, Tube	0	3		
3	LPF Cutoff	1.0kHz – 18kHz, Thru	34	60	Table#3	
4	Output Level	0 – 127	0	127		
5						
6						
7						
8						
9						
10	Dry/Wet	D63>W – D=W – D<W63	1	127		
11	Edge(Clip Curve)	0 – 127(mild – sharp)	0	127		
12						
13						
14						
15						
16						

AMP SIMULATOR1
Block : DSP1(Variation), DSP2-4(Insertion)

No.	Parameter	Display	Min	Max	Table	Control
1	Drive	0 – 127	0	127		●
2	AMP Type	Off, Stack, Combo, Tube	0	3		
3	LPF Cutoff	1.0kHz – 18kHz, Thru	34	60	Table#3	
4	Output Level	0 – 127	0	127		
5						
6						
7						
8						
9						
10	Dry/Wet	D63>W – D=W – D<W63	1	127		
11	Edge(Clip Curve)	0 – 127(mild – sharp)	0	127		
12						
13						
14						
15						
16						

DISTORTION
Block : DSP1(Variation), DSP2-4(Insertion)

No.	Parameter	Display	Min	Max	Table	Control
1	Drive	0 – 127	0	127		●
2	EQ Low Frequency	32Hz – 2.0kHz	4	40	Table#3	
3	EQ Low Gain	-12dB – 0dB – +12dB	52	76	Table#3	
4	LPF Cutoff	1.0kHz – 18kHz, Thru	34	60	Table#3	
5	Output Level	0 – 127	0	127		
6						
7	EQ Mid Frequency	100Hz – 10.0kHz	14	54	Table#3	
8	EQ Mid Gain	-12dB – 0dB – +12dB	52	76		
9	EQ Mid Width	0.1 – 12.0	1	120		
10	Dry/Wet	D63>W – D=W – D<W63	1	127		
11	Edge(Clip Curve)	0 – 127(mild – sharp)	0	127		
12						
13						
14						
15						
16						

STEREO DISTORTION
Block : DSP1(Variation), DSP2-4(Insertion)

No.	Parameter	Display	Min	Max	Table	Control
1	Drive	0 – 127	0	127		●
2	EQ Low Frequency	32Hz – 2.0kHz	4	40	Table#3	
3	EQ Low Gain	-12dB – 0dB – +12dB	52	76	Table#3	
4	LPF Cutoff	1.0kHz – 18kHz, Thru	34	60	Table#3	
5	Output Level	0 – 127	0	127		
6						
7	EQ Mid Frequency	100Hz – 10.0kHz	14	54	Table#3	
8	EQ Mid Gain	-12dB – 0dB – +12dB	52	76		
9	EQ Mid Width	0.1 – 12.0	1	120		
10	Dry/Wet	D63>W – D=W – D<W63	1	127		
11	Edge(Clip Curve)	0 – 127	0	127		
12						
13						
14						
15						
16						

AMP SIMULATOR2
Block : DSP1(Variation), DSP2-4(Insertion)

No.	Parameter	Display	Min	Max	Table	Control
1	Drive	0 – 127	0	127		●
2	AMP Type	Off, Stack, Combo, Tube, Crunch, Hi-Gain, British	0	6		
3	LPF Cutoff	1.0kHz – 18kHz, Thru	34	60	Table#3	
4	Output Level	0 – 127	0	127		
5						
6						
7						
8						
9						
10	Dry/Wet	D63>W – D=W – D<W63	1	127		
11						
12						
13						
14						
15						
16						

DISTORTION DELAY
Block : DSP1(Variation), DSP2-4(Insertion)

No.	Parameter	Display	Min	Max	Table	Control
1	Lch Delay Time	0.1ms – 1638.3ms	1	16383		
2	Rch Delay Time	0.1ms – 1638.3ms	1	16383		
3	Delay Feedback Time	0.1ms – 1638.3ms	1	16383		
4	Delay Feedback Level	-63 – 0 – +63	1	127		
5	Delay Mix	0 – 127	0	127		
6	Dist Drive	0 – 127	0	127		
7	Dist Output Level	0 – 127	0	127		
8	Dist EQ Low Gain	-12dB – 0dB – +12dB	52	76		
9	Dist EQ Mid Gain	-12dB – 0dB – +12dB	52	76		
10	Dry/Wet	D63>W – D=W – D<W63	1	127		●
11						
12						
13						
14						
15						
16						

COMP DISTORTION
Block : DSP1(Variation), DSP2-4(Insertion)

No.	Parameter	Display	Min	Max	Table	Control
1	Drive	0 – 127	0	127		●
2	EQ Low Frequency	32Hz – 2.0kHz	4	40	Table#3	
3	EQ Low Gain	-12dB – 0dB – +12dB	52	76	Table#3	
4	LPF Cutoff	1.0kHz – 18kHz, Thru	34	60	Table#3	
5	Output Level	0 – 127	0	127		
6						
7	EQ Mid Frequency	100Hz – 10.0kHz	14	54	Table#3	
8	EQ Mid Gain	-12dB – 0dB – +12dB	52	76		
9	EQ Mid Width	0.1 – 12.0	1	120		
10	Dry/Wet	D63>W – D=W – D<W63	1	127		
11	Edge(Clip Curve)	0 – 127(mild – sharp)	0	127		
12	Attack	1ms – 40ms	0	19	Table#14	
13	Release	10ms – 680ms	0	15	Table#15	
14	Threshold	-48dB – -6dB	79	121		
15	Ratio	1.0 – 20.0	0	7	Table#16	
16						

COMP DIST DELAY
Block : DSP1(Variation), DSP2-4(Insertion)

No.	Parameter	Display	Min	Max	Table	Control
1	Delay Time	0.1ms – 1638.3ms	1	16383		
2	Delay Feedback Level	-63 – 0 – +63	1	127		
3	Delay Mix	0 – 127	0	127		
4	Dist Drive	0 – 127	0	127		
5	Dist Output Level	0 – 127	0	127		
6	Dist EQ Low Gain	-12dB – 0dB – +12dB	52	76		
7	Dist EQ Mid Gain	-12dB – 0dB – +12dB	52	76		
8						
9						
10	Dry/Wet	D63>W – D=W – D<W63	1	127		●
11	Comp. Attack	1ms – 40ms	0	19	Table#14	
12	Comp. Release	10ms – 680ms	0	15	Table#15	
13	Comp. Threshold	-48dB – -6dB	79	121		
14	Comp. Ratio	1.0 – 20.0	0	7	Table#16	
15						
16						

COMP DIST TEMPO DELAY
Block : DSP1(Variation), DSP2-4(Insertion)

No.	Parameter	Display	Min	Max	Table	Control
1	Delay Time	32nd/3 – 4thx6	0	19	Table#5	
2	Delay Feedback Level	-63 – 0 – +63	1	127		
3	Delay Mix	0 – 127	0	127		
4	Dist Drive	0 – 127	0	127		
5	Dist Output Level	0 – 127	0	127		
6	Dist EQ Low Gain	-12dB – 0dB – +12dB	52	76		
7	Dist EQ Mid Gain	-12dB – 0dB – +12dB	52	76		
8	L/R Diffusion	-63ms – 0ms – 63ms	1	127		
9	Lag	-63ms – 0ms – 63ms	1	127		
10	Dry/Wet	D63>W – D=W – D<W63	1	127		●
11	Comp. Attack	1ms – 40ms	0	19	Table#14	
12	Comp. Release	10ms – 680ms	0	15	Table#15	
13	Comp. Threshold	-48dB – -6dB	79	121		
14	Comp. Ratio	1.0 – 20.0	0	7	Table#16	
15						
16						

V DISTORTION DELAY
Block : DSP1(Variation), DSP2-4(Insertion)

No.	Parameter	Display	Min	Max	Table	Control
1	Overdrive	0% – 100%	0	100		
2	Device	Transistor, Vintage Tube, Dist1, Dist2, Fuzz	0	4		
3	Speaker Type	Flat, Stack, Combo, Twin, Radio, Megaphone	0	5		
4	Presence	0 – 20	0	20		
5	Output Level	0% – 100%	0	100		
6	Delay Time L	0.1ms – 1638.3ms	1	16383		
7	Delay Time R	0.1ms – 1638.3ms	1	16383		
8	Delay Feedback Time	0.1ms – 1638.3ms	1	16383		
9	Delay Feedback Level	-63 – 0 – +63	1	127		
10	Dry/Wet	D63>W – D=W – D<W63	1	127		●
11	Delay Mix	0 – 127	0	127		
12	Feedback High Dump	0.1 – 1.0	1	10		
13						
14						
15						
16						

MULTI FX
Block : DSP1(Variation), DSP2-4(Insertion)

No.	Parameter	Display	Min	Max	Table	Control
1	Comp. Sustain	Off, 0.1 – 10.0	0	100		
2	Wah SW	Off, Wah Pedal, Auto+ Full, Auto+ Mid, Auto+ Light, Auto- Full, Auto- Mid, Auto-Light	0	7		
3	Wah Pedal	0 – 127	0	127		●
4	Dist SW	Off, Overdrive, Distortion1, Distortion2, Clean, Crunch, Hi-Gain, Modern	0	7		
5	Dist Drive	0.0 – 10.0	0	100		
6	Dist EQ	High Boost, Mid Boost, Mid Cut 1, Mid Cut 2, Mid Cut 3, Low Cut 1, Low Cut 2, High Cut, High/Low	0	8		
7	Dist Tone	0.0 – 10.0	0	100		
8	Dist Presence	0.0 – 10.0	0	100		
9	Output	0 – 127	0	127		
10						
11	Speaker Type	Off, Stack, Twin, Tweed, Oldies, Modern, Mean, Soft, Small, Dip1, Dip2, Metal, Light	0	12		
12	LFO Speed	0.1Hz – 9.925Hz	0	127	Table#17	
13	Phaser SW	Off, Standard, Wide, Vibe, Tremolo	0	4		
14	Delay SW	Off, Delay M, Echo1 M, Echo2 M, Chorus M, DI Chorus M, Flanger1 M, Flanger2 M, Flanger3 M, Delay St, Echo1 St, Echo2 St, Chorus St, DI Chorus St, Flanger1 St, Flanger2 St, Flanger3 St	0	16		
15	Delay Ctrl	0 – 127	0	127		
16	Delay Time	0 – 127	0	127		

DIST TEMPO DELAY
Block : DSP1(Variation), DSP2-4(Insertion)

No.	Parameter	Display	Min	Max	Table	Control
1	Delay Time	32nd/3 – 4thx6	0	19	Table#5	
2	Delay Feedback Level	-63 – 0 – +63	1	127		
3	Delay Mix	0 – 127	0	127		
4	Dist Drive	0 – 127	0	127		
5	Dist Output Level	0 – 127	0	127		
6	Dist EQ Low Gain	-12dB – 0dB – +12dB	52	76		
7	Dist EQ Mid Gain	-12dB – 0dB – +12dB	52	76		
8	L/R Diffusion	-63ms – 0ms – 63ms	1	127		
9	Lag	-63ms – 0ms – 63ms	1	127		
10	Dry/Wet	D63>W – D=W – D<W63	1	127		●
11						
12						
13						
14						
15						
16						

SMALL STEREO DIST
Block : DSP1(Variation), DSP2-4(Insertion)

No.	Parameter	Display	Min	Max	Table	Control
1	Comp. SW	Off, On	0	1		
2	Comp. Sustain	0.0 – 10.0	0	100		
3	Comp. Level	0.0 – 10.0	0	100		
4	Dist Type	Overdrive, Distortion1, Distortion2, Clean, Crunch, Hi-Gain, Modern	1	7		
5	Dist Drive	0.0 – 10.0	0	100		
6	Dist EQ	High Boost, Mid Boost, Mid Cut 1, Mid Cut 2, Mid Cut 3, Low Cut 1, Low Cut 2, High Cut, High/Low	0	8		
7	Dist Tone	0.0 – 10.0	0	100		
8	Dist Presence	0.0 – 10.0	0	100		
9	Output	0 – 127	0	127		●
10						
11	Speaker Type	Off, Stack, Twin, Tweed, Oldies, Modern, Mean, Soft, Small, Dip1, Dip2, Metal, Light	0	12		
12						
13						
14						
15						
16						

BRITISH COMBO
Block : DSP1(Variation), DSP2-4(Insertion)

No.	Parameter	Display	Min	Max	Table	Control
1	Mode	Bright, Top Boost	0	1		
2	Normal	0.0 – 10.0	0	100		
3	Brilliant	0.0 – 10.0	0	100		
4	Bass	0.0 – 10.0	0	100		
5						
6	Treble	0.0 – 10.0	0	100		
7	Cut	0.0 – 10.0	0	100		
8						
9	Output	0 – 127	0	127		●
10						
11	Speaker Type	Off, BS 4x12, AC 2x12, AC 1x12, AC 4x10, BC 2x12, AM 4x12, YC 4x12, JC 2x12, OC 2x12, OC 1x8	0	10		
12	Speaker Air	0 – 2	0	2		
13	Mic Position	Center, Edge	0	1		
14						
15						
16						

BRITISH LEGEND
Block : DSP1(Variation), DSP2-4(Insertion)

No.	Parameter	Display	Min	Max	Table	Control
1	Sensitivity	High, Low	0	1		
2	Preamp	0.0 – 10.0	0	100		
3						
4	Bass	0.0 – 10.0	0	100		
5	Middle	0.0 – 10.0	0	100		
6	Treble	0.0 – 10.0	0	100		
7	Presence	0.0 – 10.0	0	100		
8	Master Volume	0.0 – 10.0	0	100		
9	Output	0 – 127	0	127		●
10						
11	Speaker Type	Off, BS 4x12, AC 2x12, AC 1x12, AC 4x10, BC 2x12, AM 4x12, YC 4x12, JC 2x12, OC 2x12, OC 1x8	0	10		
12	Speaker Air	0 – 2	0	2		
13	Mic Position	Center, Edge	0	1		
14						
15						
16						

PITCH CHANGE

PITCH CHANGE1
Block : DSP1(Variation), DSP2-4(Insertion)

No.	Parameter	Display	Min	Max	Table	Control
1	Pitch	-24 – 0 – +24	40	88		
2	Initial Delay	0.1ms – 400.0ms	0	127	Table#6	
3	Fine 1	-50 – 0 – +50	14	114		
4	Fine 2	-50 – 0 – +50	14	114		
5	Feedback Level	-63 – 0 – +63	1	127		
6						
7						
8						
9						
10	Dry/Wet	D63>W – D=W – D<W63	1	127		●
11	Pan 1	L63 – C – R63	1	127		
12	Output Level 1	0 – 127	0	127		
13	Pan 2	L63 – C – R63	1	127		
14	Output Level 2	0 – 127	0	127		
15						
16						

PITCH CHANGE2
Block : DSP1(Variation), DSP2-4(Insertion)

No.	Parameter	Display	Min	Max	Table	Control
1	Pitch	-24 – 0 – +24	40	88		
2	Initial Delay	0.1ms – 400.0ms	0	127	Table#6	
3	Fine 1	-50cent – 0cent – +50cent	14	114		
4	Fine 2	-50cent – 0cent – +50cent	14	114		
5	Feedback Level	-63 – 0 – +63	1	127		
6						
7						
8						
9						
10	Dry/Wet	D63>W – D=W – D<W63	1	127		●
11	Pan 1	L63 – C – R63	1	127		
12	Output Level 1	0 – 127	0	127		
13	Pan 2	L63 – C – R63	1	127		
14	Output Level 2	0 – 127	0	127		
15						
16						

AUTO WAH

AUTO WAH
Block : DSP1(Variation), DSP2-4(Insertion)

No.	Parameter	Display	Min	Max	Table	Control
1	LFO Frequency	0.00Hz – 39.7Hz	0	127	Table#8	
2	LFO Depth	0 – 127	0	127		
3	Cutoff Frequency Offset	0 – 127	0	127		●
4	Resonance	1.0 – 12.0	10	120		
5						
6	EQ Low Frequency	32Hz – 2.0kHz	4	40	Table#3	
7	EQ Low Gain	-12dB – 0dB – +12dB	52	76		
8	EQ High Frequency	500Hz – 16.0kHz	28	58	Table#3	
9	EQ High Gain	-12dB – 0dB – +12dB	52	76		
10	Dry/Wet	D63>W – D=W – D<W63	1	127		
11	Drive	0 – 127	0	127		
12						
13						
14						
15						
16						

LO FI

Block : DSP1(Variation), DSP2-4(Insertion)

No.	Parameter	Display	Min	Max	Table	Control
1	Sampling Frequency Control	44.1kHz – 345Hz	0	127	Table#19	
2	Word Length	1 – 127	1	127		
3	Output Gain	-6dB – +36dB	0	42		
4	LPF Cutoff	63Hz – 18kHz, Thru	10	60	Table#3	
5	Filter Type	Thru, PowerBass, Radio, Tel, Clean, Low	0	5		
6	LPF Resonance	1.0 – 12.0	10	120		
7	Bit Assign	0 – 6	0	6		
8	Emphasis	Off, On	0	1		
9						
10	Dry/Wet	D63>W – D=W – D<W63	1	127		●
11						
12						
13						
14						
15	Input Mode	Mono, Stereo	0	1		
16						

DYNAMIC FILTER

Block : DSP1(Variation), DSP2-4(Insertion)

No.	Parameter	Display	Min	Max	Table	Control
1	Filter Type	LPF(12dB), LPF(18dB), LPF(24dB), HPF, BPF, BEF	0	5		●
2	Sensitivity	0 – 127	0	127		
3	Dyna Level Offset	0 – 127	0	127		
4	Resonance	-16 – +111	0	127		
5	Attack Time	0.3ms – 227ms	0	127	Table#12	
6	Release Time	2.6ms – 2171.4ms	0	127	Table#13	
7	Release Curve	0 – 127	0	127		
8	Direction	Up, Down	0	1		
9	Dyna Threshold Level	0 – 127	0	127		
10	Dry/Wet	D63>W – D=W – D<W63	1	127		
11						
12						
13	EQ Low Frequency	32Hz – 2.0kHz	4	40	Table#3	
14	EQ Low Gain	-12dB – 0dB – +12dB	52	76		
15	EQ High Frequency	500Hz – 16.0kHz	28	58	Table#3	
16	EQ High Gain	-12dB – 0dB – +12dB	52	76		

DYNAMIC RING MOD

Block : DSP1(Variation), DSP2-4(Insertion)

No.	Parameter	Display	Min	Max	Table	Control
1	Sensitivity	0 – 127	0	127		●
2	HPF Cutoff Frequency	Thru, 22Hz – 8.0kHz	0	52	Table#3	
3	LPF Cutoff Frequency	1.0kHz – 18kHz, Thru	34	60	Table#3	
4	Attack Time	0.3ms – 227ms	0	127	Table#12	
5	Release Time	2.6ms – 2171.4ms	0	127	Table#13	
6	Release Curve	0 – 127	0	127		
7	Direction	Up, Down	0	1		
8	Dyna Threshold Level	0 – 127	0	127		
9	Dyna Level Offset	0 – 127	0	127		
10	Dry/Wet	D63>W – D=W – D<W63	1	127		
11						
12						
13	EQ Low Frequency	32Hz – 2.0kHz	4	40	Table#3	
14	EQ Low Gain	-12dB – 0dB – +12dB	52	76		
15	EQ High Frequency	500Hz – 16.0kHz	28	58	Table#3	
16	EQ High Gain	-12dB – 0dB – +12dB	52	76		

RING MODULATOR

Block : DSP1(Variation), DSP2-4(Insertion)

No.	Parameter	Display	Min	Max	Table	Control
1	OSC Frequency Coarse	0.7Hz – 5002.6kHz	0	127	Table#20	●
2	OSC Frequency Fine	0 – 127	0	127		
3	LFO Wave	Triangle, Sine	0	1		
4	LFO Depth	0 – 127	0	127		
5	LFO Frequency	0.00Hz – 39.7Hz	0	127	Table#8	
6	HPF Cutoff Frequency	Thru, 22Hz – 8.0kHz	0	52	Table#3	
7	LPF Cutoff Frequency	1.0kHz – 18kHz, Thru	34	60	Table#3	
8						
9						
10	Dry/Wet	D63>W – D=W – D<W63	1	127		
11						
12						
13	EQ Low Frequency	32Hz – 2.0kHz	4	40	Table#3	
14	EQ Low Gain	-12dB – 0dB – +12dB	52	76		
15	EQ High Frequency	500Hz – 16.0kHz	28	58	Table#3	
16	EQ High Gain	-12dB – 0dB – +12dB	52	76		

ISOLATOR

Block : DSP1(Variation), DSP2-4(Insertion)

No.	Parameter	Display	Min	Max	Table	Control
1	On/Off SW	Off, On	0	1		●
2	Low Level	0 – 127	0	127		
3	Mid Level	0 – 127	0	127		
4	High Level	0 – 127	0	127		
5	Low Mute	Off, On	0	1		
6	Mid Mute	Off, On	0	1		
7	High Mute	Off, On	0	1		
8						
9						
10						
11						
12						
13						
14						
15						
16						

NO EFFECT

Block : Reverb, Chorus, DSP1(Variation)

No.	Parameter	Display	Min	Max	Table	Control
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						

THRU

Block : DSP1(Variation), DSP2-4(Insertion)

No.	Parameter	Display	Min	Max	Table	Control
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						

Parameter Chart / Parametertabelle / Tableau des paramètres / Gráfico de parâmetros

Parameter	System					Voice Set Group	Song			Style		Registration			Scale Tune	Parameter Lock Group	Note
	Setup	MIDI Setup	User Effect	Music Finder	VoiceSet		Song	Song Setup Group	Style Data	OTS	Multi Pad	Regist	Freeze Group				
Main																	
Song File	X	X	X	X	X	-	X	-	X	X	X	O	SONG	X	-		
Style File	X	X	X	O	X	-	X	-	X	X	X	O	STYLE	X	-		
Multi Pad File	X	X	X	X	X	-	O	KEYBOARD VOICE	X	O	X	O	MULTI PAD	X	-		
Part On/Off(Right1)	X	X	X	X	X	-	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-		
Part On/Off(Right2)	X	X	X	X	X	-	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-		
Part On/Off(Left)	X	X	X	X	X	-	O	KEYBOARD VOICE	X	O	X	O	STYLE	X	-		
Audio Player File	X	X	X	X	X	-	X	-	X	X	X	O	AUDIO	X	-		
Song																	
Track1,2 On/Off	X	X	X	X	X	-	O	GUIDE SETTING	X	X	X	O	SONG	X	-		
Extra Tracks On/Off	X	X	X	X	X	-	X	-	X	X	X	O	SONG	X	-		
Sync. Start	X	X	X	X	X	-	X	-	X	X	X	O	SONG	X	-		
Channel On/Off	X	X	X	X	X	-	X	-	X	X	X	O	SONG	X	-		
Function Menu>Song Setting																	
Guide/Channel																	
Guide Mode	O	X	X	X	X	-	O	GUIDE SETTING	X	X	X	X	-	X	-		
Track1 Channel	O	X	X	X	X	-	O	-	X	X	X	X	-	X	-		
Track2 Channel	O	X	X	X	X	-	O	-	X	X	X	X	-	X	-		
Auto Ch Set	O	X	X	X	X	-	X	-	X	X	X	X	-	X	-		
Others																	
Repeat Mode	O	X	X	X	X	-	X	-	X	X	X	X	-	X	-		
Fast Forward Type	O	X	X	X	X	-	X	-	X	X	X	X	-	X	-		
Lyrics Language	O	X	X	X	X	-	O	LYRICS SETTING	X	X	X	X	-	X	-		
Quick Start	O	X	X	X	X	-	X	-	X	X	X	X	-	X	-		
Tempo																	
Master Tempo	X	X	X	X	X	-	O	TEMPO	O	X	X	O	TEMPO	X	-		
Creator>Song Creator																	
Setup																	
Setup Select	O	X	X	X	X	-	X	-	X	X	X	X	-	X	-		
Channel>Chord/1-16/SysEx./Lyrics>Filter																	
Main Filter	O	X	X	X	X	-	X	-	X	X	X	X	-	X	-		
Control Change Filter	O	X	X	X	X	-	X	-	X	X	X	X	-	X	-		
Style Filter	O	X	X	X	X	-	X	-	X	X	X	X	-	X	-		
Lyrics/Text																	
Background	O	X	X	X	X	-	O	LYRICS SETTING	X	X	X	X	-	X	-		
Background(Panel Setting)	O	X	X	X	X	-	X	-	X	X	X	X	-	X	-		
Text File	X	X	X	X	X	-	X	-	X	X	X	O	TEXT	X	-		
Viewer Mode	O	X	X	X	X	-	X	-	X	X	X	X	-	X	-		
Score																	
Left On/Off	O	X	X	X	X	-	O	SCORE SETTING	X	X	X	X	-	X	-		
Right On/Off	O	X	X	X	X	-	O	SCORE SETTING	X	X	X	X	-	X	-		
Chord On/Off	O	X	X	X	X	-	O	SCORE SETTING	X	X	X	X	-	X	-		
Lyrics On/Off	O	X	X	X	X	-	O	SCORE SETTING	X	X	X	X	-	X	-		
Note Name On/Off	O	X	X	X	X	-	O	SCORE SETTING	X	X	X	X	-	X	-		
Color Note On/Off	O	X	X	X	X	-	O	SCORE SETTING	X	X	X	X	-	X	-		
Pedal On/Off	O	X	X	X	X	-	O	SCORE SETTING	X	X	X	X	-	X	-		
Fingering On/Off	O	X	X	X	X	-	O	SCORE SETTING	X	X	X	X	-	X	-		
Size	O	X	X	X	X	-	O	SCORE SETTING	X	X	X	X	-	X	-		
Left Ch	O	X	X	X	X	-	O	SCORE SETTING	X	X	X	X	-	X	-		
Right Ch	O	X	X	X	X	-	O	SCORE SETTING	X	X	X	X	-	X	-		
Key Signature	X	X	X	X	X	-	O	SCORE SETTING	X	X	X	X	-	X	-		
Quantize	O	X	X	X	X	-	O	SCORE SETTING	X	X	X	X	-	X	-		
Note Name	O	X	X	X	X	-	O	SCORE SETTING	X	X	X	X	-	X	-		
Style																	
Accompaniment On/Off	X	X	X	X	X	-	X	-	X	O(On)	X	O	STYLE	X	-		
OTS Link	X	X	X	O(On)	X	-	X	-	X	X	X	X	-	X	-		
Auto Fill In	O	X	X	X	X	-	X	-	X	X	X	X	-	X	-		
Section	X	X	X	X	X	-	X	-	X	X	X	O	STYLE	X	-		
Synchro Start	X	X	X	X	X	-	X	-	X	O(On)	X	O	STYLE	X	-		
Synchro Stop	X	X	X	X	X	-	X	-	X	X	X	O	STYLE	X	-		
Function Menu>Style Setting																	
Style Setting																	
Stop ACMP	O	X	X	X	X	-	X	-	X	X	X	O	STYLE	X	-		
Dynamics Control	O	X	X	X	X	-	X	-	X	X	X	X	-	X	-		
Synchro Stop Window	O	X	X	X	X	-	X	-	X	X	X	O	STYLE	X	-		
Section Set	O	X	X	X	X	-	X	-	X	X	X	X	-	X	-		
Tempo Hold	O	X	X	X	X	-	X	-	X	X	X	X	-	X	-		
Part On/Off	O	X	X	X	X	-	X	-	X	X	X	X	-	X	-		
Function Menu>Split Point/Chord Fingering																	
Split Point																	
Chord Detection Area	O	X	X	X	X	-	X	-	X	X	X	O	STYLE	X	-		
Manual Bass	O	X	X	X	X	-	X	-	X	X	X	O	STYLE	X	-		
Split Point(Left)	O	X	X	X	X	-	X	-	X	X	X	O	STYLE	X	SPLIT POINT		

Parameter	System					Voice Set Group	Song		Style		Registration			Scale Tune	Parameter Lock Group	Note
	Setup	MIDI Setup	User Effect	Music Finder	VoiceSet		Song	Song Setup Group	Style Data	OTS	Multi Pad	Regist	Freeze Group			
Split Point(Style)	O	X	X	X	X	-	O	GUIDE SETTING	X	X	X	O	STYLE	X	SPLIT POINT	
Chord Fingering																
Fingering Type	O	X	X	X	X	-	X	-	X	X	X	O	STYLE	X	FINGERING	
Creator>Style Creator																
Basic																
Pattern Length	X	X	X	X	X	-	X	-	O	X	X	X	-	X	-	
Tempo	X	X	X	X	X	-	X	-	O	X	X	X	-	X	-	
Beat	X	X	X	X	X	-	X	-	O	X	X	X	-	X	-	
Parameter																
Play Root	X	X	X	X	X	-	X	-	O	X	X	X	-	X	-	
Play Chord	X	X	X	X	X	-	X	-	O	X	X	X	-	X	-	
NTR	X	X	X	X	X	-	X	-	O	X	X	X	-	X	-	
NTT	X	X	X	X	X	-	X	-	O	X	X	X	-	X	-	
NTT BASS	X	X	X	X	X	-	X	-	O	X	X	X	-	X	-	
High Key	X	X	X	X	X	-	X	-	O	X	X	X	-	X	-	
Note Limit Low	X	X	X	X	X	-	X	-	O	X	X	X	-	X	-	
Note Limit High	X	X	X	X	X	-	X	-	O	X	X	X	-	X	-	
RTR	X	X	X	X	X	-	X	-	O	X	X	X	-	X	-	
Edit>Filter																
Main Filter	O	X	X	X	X	-	X	-	X	X	X	X	-	X	-	
Control Change Filter	O	X	X	X	X	-	X	-	X	X	X	X	-	X	-	
Music Finder																
Sort By	O	X	X	X	X	-	X	-	X	X	X	X	-	X	-	
Sort Order	O	X	X	X	X	-	X	-	X	X	X	X	-	X	-	
Style Tempo	O	X	X	X	X	-	X	-	X	X	X	X	-	X	-	
Information On/Off	O	X	X	X	X	-	X	-	X	X	X	X	-	X	-	
Search1/2 Display																
Search Result	X	X	X	O	X	-	X	-	X	X	X	X	-	X	-	
Record(=Property Setting)	X	X	X	O	X	-	X	-	X	X	X	X	-	X	-	
Multi Pad																
Sync Start	X	X	X	X	X	-	X	-	X	X	X	O	MULTI PAD	X	-	
Creator>Multi Pad Creator																
Edit>Filter																
Main Filter	O	X	X	X	X	-	X	-	X	X	X	X	-	X	-	
Control Change Filter	O	X	X	X	X	-	X	-	X	X	X	X	-	X	-	
Voice																
Left Hold	X	X	X	X	X	-	O	KEYBOARD VOICE	X	O	X	O	STYLE	X	-	
Voice Effect(On Panel)																
Touch Response	X	X	X	X	X	-	X	-	X	X	X	O	VOICE	X	-	
Harmony/Arpeggio On/Off	X	X	X	X	X	-	O	KEYBOARD VOICE	X	O	X	O	HARMONY/ARPEGGIO	X	-	
Poly/Mono(Right1)	X	X	X	X	O	Voice	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-	
Poly/Mono(Right2)	X	X	X	X	O	Voice	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-	
Poly/Mono(Left)	X	X	X	X	O	Voice	O	KEYBOARD VOICE	X	O	X	O	STYLE	X	-	
Panel Sustain	X	X	X	X	X	-	X	-	X	X	X	O	VOICE	X	-	
DSP(Right1)	X	X	X	X	O	Effect	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-	
DSP(Right2)	X	X	X	X	O	Effect	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-	
DSP(Left)	X	X	X	X	O	Effect	O	KEYBOARD VOICE	X	O	X	O	STYLE	X	-	
Variation(Right1)	X	X	X	X	O	Effect	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-	
Variation(Right2)	X	X	X	X	O	Effect	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-	
Variation(Left)	X	X	X	X	O	Effect	O	KEYBOARD VOICE	X	O	X	O	STYLE	X	-	
Voice Open/Save>Voice Set																
Voice(Right1)	X	X	X	X	O	-	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-	
Voice(Right2)	X	X	X	X	O	-	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-	
Voice(Left)	X	X	X	X	O	-	O	KEYBOARD VOICE	X	O	X	O	STYLE	X	-	
Common																
Volume for Balance(Right1)	X	X	X	X	O	Voice	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-	
Volume for Balance(Right2)	X	X	X	X	O	Voice	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-	
Volume for Balance(Left)	X	X	X	X	O	Voice	O	KEYBOARD VOICE	X	O	X	O	STYLE	X	-	
Touch Sense Depth(Right1)	X	X	X	X	O	Voice	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-	
Touch Sense Depth(Right2)	X	X	X	X	O	Voice	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-	
Touch Sense Depth(Left)	X	X	X	X	O	Voice	O	KEYBOARD VOICE	X	O	X	O	STYLE	X	-	
Touch Sense Offset(Right1)	X	X	X	X	O	Voice	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-	
Touch Sense Offset(Right2)	X	X	X	X	O	Voice	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-	
Touch Sense Offset(Left)	X	X	X	X	O	Voice	O	KEYBOARD VOICE	X	O	X	O	STYLE	X	-	
Part Octave for Right1/Right2	X	X	X	X	O	Voice	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-	
Part Octave for Left	X	X	X	X	O	Voice	O	KEYBOARD VOICE	X	O	X	O	STYLE	X	-	
Mono Type Right1	X	X	X	X	O	Voice	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-	
Mono Type Right2	X	X	X	X	O	Voice	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-	
Mono Type Left	X	X	X	X	O	Voice	O	KEYBOARD VOICE	X	O	X	O	STYLE	X	-	
Controller																
Modulation (+) Low Pass Filter Control(Right1)	X	X	X	X	O	Voice	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-	
Modulation (+) Low Pass Filter Control(Right2)	X	X	X	X	O	Voice	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-	

Parameter	System					Voice Set Group	Song		Style			Registration		Scale Tune	Parameter Lock Group	Note
	Setup	MIDI Setup	User Effect	Music Finder	VoiceSet		Song	Song Setup Group	Style Data	OTS	Multi Pad	Regist	Freeze Group			
Modulation (+) Low Pass Filter Control(Left)	X	X	X	X	O	Voice	O	KEYBOARD VOICE	X	O	X	O	STYLE	X	-	
Modulation (+) Amplitude Control(Right1)	X	X	X	X	O	Voice	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-	
Modulation (+) Amplitude Control(Right2)	X	X	X	X	O	Voice	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-	
Modulation (+) Amplitude Control(Left)	X	X	X	X	O	Voice	O	KEYBOARD VOICE	X	O	X	O	STYLE	X	-	
Modulation (+) LFO PMOD Depth(Right1)	X	X	X	X	O	Voice	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-	
Modulation (+) LFO PMOD Depth(Right2)	X	X	X	X	O	Voice	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-	
Modulation (+) LFO PMOD Depth(Left)	X	X	X	X	O	Voice	O	KEYBOARD VOICE	X	O	X	O	STYLE	X	-	
Modulation (+) LFO FMOD Depth(Right1)	X	X	X	X	O	Voice	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-	
Modulation (+) LFO FMOD Depth(Right2)	X	X	X	X	O	Voice	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-	
Modulation (+) LFO FMOD Depth(Left)	X	X	X	X	O	Voice	O	KEYBOARD VOICE	X	O	X	O	STYLE	X	-	
Modulation (+) LFO AMOD Depth(Right1)	X	X	X	X	O	Voice	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-	
Modulation (+) LFO AMOD Depth(Right2)	X	X	X	X	O	Voice	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-	
Modulation (+) LFO AMOD Depth(Left)	X	X	X	X	O	Voice	O	KEYBOARD VOICE	X	O	X	O	STYLE	X	-	
Modulation(-) Low Pass Filter Control(Right1)	X	X	X	X	O	Voice	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-	
Modulation(-) Low Pass Filter Control(Right2)	X	X	X	X	O	Voice	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-	
Modulation(-) Low Pass Filter Control(Left)	X	X	X	X	O	Voice	O	KEYBOARD VOICE	X	O	X	O	STYLE	X	-	
Modulation(-) Amplitude Control(Right1)	X	X	X	X	O	Voice	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-	
Modulation(-) Amplitude Control(Right2)	X	X	X	X	O	Voice	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-	
Modulation(-) Amplitude Control(Left)	X	X	X	X	O	Voice	O	KEYBOARD VOICE	X	O	X	O	STYLE	X	-	
Modulation(-) LFO PMOD Depth(Right1)	X	X	X	X	O	Voice	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-	
Modulation(-) LFO PMOD Depth(Right2)	X	X	X	X	O	Voice	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-	
Modulation(-) LFO PMOD Depth(Left)	X	X	X	X	O	Voice	O	KEYBOARD VOICE	X	O	X	O	STYLE	X	-	
Modulation(-) LFO FMOD Depth(Right1)	X	X	X	X	O	Voice	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-	
Modulation(-) LFO FMOD Depth(Right2)	X	X	X	X	O	Voice	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-	
Modulation(-) LFO FMOD Depth(Left)	X	X	X	X	O	Voice	O	KEYBOARD VOICE	X	O	X	O	STYLE	X	-	
Modulation(-) LFO AMOD Depth(Right1)	X	X	X	X	O	Voice	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-	
Modulation(-) LFO AMOD Depth(Right2)	X	X	X	X	O	Voice	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-	
Modulation(-) LFO AMOD Depth(Left)	X	X	X	X	O	Voice	O	KEYBOARD VOICE	X	O	X	O	STYLE	X	-	
Sound																
EG Attack(Right1)	X	X	X	X	O	Voice	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-	
EG Attack(Right2)	X	X	X	X	O	Voice	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-	
EG Attack(Left)	X	X	X	X	O	Voice	O	KEYBOARD VOICE	X	O	X	O	STYLE	X	-	
EG Decay(Right1)	X	X	X	X	O	Voice	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-	
EG Decay(Right2)	X	X	X	X	O	Voice	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-	
EG Decay(Left)	X	X	X	X	O	Voice	O	KEYBOARD VOICE	X	O	X	O	STYLE	X	-	
EG Release(Right1)	X	X	X	X	O	Voice	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-	
EG Release(Right2)	X	X	X	X	O	Voice	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-	
EG Release(Left)	X	X	X	X	O	Voice	O	KEYBOARD VOICE	X	O	X	O	STYLE	X	-	
Vibrato Depth(Right1)	X	X	X	X	O	Voice	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-	
Vibrato Depth(Right2)	X	X	X	X	O	Voice	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-	
Vibrato Depth(Left)	X	X	X	X	O	Voice	O	KEYBOARD VOICE	X	O	X	O	STYLE	X	-	
Vibrato Speed(Right1)	X	X	X	X	O	Voice	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-	
Vibrato Speed(Right2)	X	X	X	X	O	Voice	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-	
Vibrato Speed(Left)	X	X	X	X	O	Voice	O	KEYBOARD VOICE	X	O	X	O	STYLE	X	-	
Vibrato Delay(Right1)	X	X	X	X	O	Voice	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-	
Vibrato Delay(Right2)	X	X	X	X	O	Voice	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-	
Vibrato Delay(Left)	X	X	X	X	O	Voice	O	KEYBOARD VOICE	X	O	X	O	STYLE	X	-	
Effect/EQ																
Panel Sustain(Right1)	X	X	X	X	O	Voice	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-	
Panel Sustain(Right2)	X	X	X	X	O	Voice	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-	
Panel Sustain(Left)	X	X	X	X	O	Voice	O	KEYBOARD VOICE	X	O	X	O	STYLE	X	-	
DSP Type(Right1)	X	X	X	X	O	Effect	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-	
DSP Type(Right1) Effect Parameter	X	X	X	X	O	Effect	O	EFFECT	X	O	X	O	VOICE	X	-	
DSP Type(Right2)	X	X	X	X	O	Effect	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-	
DSP Type(Right2) Effect Parameter	X	X	X	X	O	Effect	O	EFFECT	X	O	X	O	VOICE	X	-	
DSP Type(Left)	X	X	X	X	O	Effect	O	KEYBOARD VOICE	X	O	X	O	STYLE	X	-	
DSP Type(Left) Effect Parameter	X	X	X	X	O	Effect	O	EFFECT	X	O	X	O	STYLE	X	-	
DSP Variation Value(Right1)	X	X	X	X	O	Effect	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-	
DSP Variation Value(Right2)	X	X	X	X	O	Effect	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-	
DSP Variation Value(Left)	X	X	X	X	O	Effect	O	KEYBOARD VOICE	X	O	X	O	STYLE	X	-	
EQ Low Freq(Right1)	X	X	X	X	O	EQ	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-	
EQ Low Freq(Right2)	X	X	X	X	O	EQ	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-	
EQ Low Freq(Left)	X	X	X	X	O	EQ	O	KEYBOARD VOICE	X	O	X	O	STYLE	X	-	
EQ High Freq(Right1)	X	X	X	X	O	EQ	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-	
EQ High Freq(Right2)	X	X	X	X	O	EQ	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-	
EQ High Freq(Left)	X	X	X	X	O	EQ	O	KEYBOARD VOICE	X	O	X	O	STYLE	X	-	
Organ Flute>Footage																
Organ Flutes Footage(Right1)	X	X	X	X	O	-	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-	
Organ Flutes Footage(Right2)	X	X	X	X	O	-	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-	
Organ Flutes Footage(Left)	X	X	X	X	O	-	O	KEYBOARD VOICE	X	O	X	O	STYLE	X	-	
Organ Flutes Type(Right1)	X	X	X	X	O	-	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-	
Organ Flutes Type(Right2)	X	X	X	X	O	-	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-	
Organ Flutes Type(Left)	X	X	X	X	O	-	O	KEYBOARD VOICE	X	O	X	O	STYLE	X	-	

Parameter	System					Voice Set Group	Song		Style			Registration		Scale Tune	Parameter Lock Group	Note
	Setup	MIDI Setup	User Effect	Music Finder	VoiceSet		Song	Song Setup Group	Style Data	OTS	Multi Pad	Regist	Freeze Group			
Organ Vibrato On/Off(Right1)	X	X	X	X	O	-	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-	
Organ Vibrato On/Off(Right2)	X	X	X	X	O	-	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-	
Organ Vibrato On/Off(Left)	X	X	X	X	O	-	O	KEYBOARD VOICE	X	O	X	O	STYLE	X	-	
Organ Vibrato Depth(Right1)	X	X	X	X	O	Voice	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-	
Organ Vibrato Depth(Right2)	X	X	X	X	O	Voice	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-	
Organ Vibrato Depth(Left)	X	X	X	X	O	Voice	O	KEYBOARD VOICE	X	O	X	O	STYLE	X	-	
Organ Flute>Volume/Attack																
Organ Vibrato Speed(Right1)	X	X	X	X	O	Voice	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-	
Organ Vibrato Speed(Right2)	X	X	X	X	O	Voice	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-	
Organ Vibrato Speed(Left)	X	X	X	X	O	Voice	O	KEYBOARD VOICE	X	O	X	O	STYLE	X	-	
Organ Flutes Attack Footage(Right1)	X	X	X	X	O	-	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-	
Organ Flutes Attack Footage(Right2)	X	X	X	X	O	-	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-	
Organ Flutes Attack Footage(Left)	X	X	X	X	O	-	O	KEYBOARD VOICE	X	O	X	O	STYLE	X	-	
Organ Flutes Attack Mode(Right1)	X	X	X	X	O	-	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-	
Organ Flutes Attack Mode(Right2)	X	X	X	X	O	-	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-	
Organ Flutes Attack Mode(Left)	X	X	X	X	O	-	O	KEYBOARD VOICE	X	O	X	O	STYLE	X	-	
Organ Flutes Attack Length(Right1)	X	X	X	X	O	-	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-	
Organ Flutes Attack Length(Right2)	X	X	X	X	O	-	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-	
Organ Flutes Attack Length(Left)	X	X	X	X	O	-	O	KEYBOARD VOICE	X	O	X	O	STYLE	X	-	
Organ Flutes Response(Right1)	X	X	X	X	O	-	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-	
Organ Flutes Response(Right2)	X	X	X	X	O	-	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-	
Organ Flutes Response(Left)	X	X	X	X	O	-	O	KEYBOARD VOICE	X	O	X	O	STYLE	X	-	
Organ Flutes Volume(Right1)	X	X	X	X	O	-	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-	
Organ Flutes Volume(Right2)	X	X	X	X	O	-	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-	
Organ Flutes Volume(Left)	X	X	X	X	O	-	O	KEYBOARD VOICE	X	O	X	O	STYLE	X	-	
Main>Mixing Console>Vol/Voice																
Volume																
Offset Volume Song	X	X	X	X	X	-	X	-	X	X	X	O	SONG	X	-	
Offset Volume Style	X	X	X	X	X	-	X	-	X	X	X	O	STYLE	X	-	
Volume Multi Pad	X	X	X	X	X	-	O	KEYBOARD VOICE	X	O	X	O	MULTI PAD	X	-	
Volume Left	X	X	X	X	X	-	O	KEYBOARD VOICE	X	O	X	O	STYLE	X	-	
Volume Right1	X	X	X	X	X	-	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-	
Volume Right2	X	X	X	X	X	-	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-	
Part Volume Song	X	X	X	X	X	-	O	VOLUME	X	X	X	X	-	X	-	
Part Volume Style	X	X	X	X	X	-	X	-	O	X	X	O	STYLE	X	-	
Keyboard Volume	X	X	X	X	X	-	X	-	X	X	X	O	VOICE	X	-	
WLAN Volume	O	X	X	X	X	-	X	-	X	X	X	X	-	X	-	
Audio Volume	O	X	X	X	X	-	X	-	X	X	X	O	AUDIO	X	-	
AUX In Volume	O	X	X	X	X	-	X	-	X	X	X	X	-	X	-	
PanPot																
Offset Pan Style	X	X	X	X	X	-	X	-	X	X	X	O	STYLE	X	-	
Pan Multi Pad	X	X	X	X	X	-	X	-	X	X	X	O	MULTI PAD	X	-	
Pan Left	X	X	X	X	X	-	O	KEYBOARD VOICE	X	O	X	O	STYLE	X	-	
Pan Right1	X	X	X	X	X	-	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-	
Pan Right2	X	X	X	X	X	-	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-	
Part Pan Song	X	X	X	X	X	-	O	PAN	X	X	X	X	-	X	-	
Part Pan Style	X	X	X	X	X	-	X	-	O	X	X	O	STYLE	X	-	
Voice																
Voice(Right1)	X	X	X	X	O	-	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-	
Voice(Right2)	X	X	X	X	O	-	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-	
Voice(Left)	X	X	X	X	O	-	O	KEYBOARD VOICE	X	O	X	O	STYLE	X	-	
Voice(Style Part)	X	X	X	X	X	-	X	-	O	X	X	O	STYLE	X	-	
Voice(Song Part)	X	X	X	X	X	-	O	VOICE	X	X	X	X	-	X	-	
Main>Mixing Console>Filter																
Brightness																
Brightness Song Part	X	X	X	X	X	-	O	FILTER	X	X	X	X	-	X	-	
Brightness Style Part	X	X	X	X	X	-	X	-	O	X	X	O	STYLE	X	-	
Brightness Right1	X	X	X	X	O	Voice	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-	
Brightness Right2	X	X	X	X	O	Voice	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-	
Brightness Left	X	X	X	X	O	Voice	O	KEYBOARD VOICE	X	O	X	O	STYLE	X	-	
Harmonic Content																
Harmonic Content Song Part	X	X	X	X	X	-	O	FILTER	X	X	X	X	-	X	-	
Harmonic Content Style Part	X	X	X	X	X	-	X	-	O	X	X	O	STYLE	X	-	
Harmonic Content Right1	X	X	X	X	O	Voice	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-	
Harmonic Content Right2	X	X	X	X	O	Voice	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-	
Harmonic Content Left	X	X	X	X	O	Voice	O	KEYBOARD VOICE	X	O	X	O	STYLE	X	-	
Main>Mixing Console>Tune																
Octave																
Octave Right1	X	X	X	X	O	Voice	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-	
Octave Right2	X	X	X	X	O	Voice	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-	
Octave Left	X	X	X	X	O	Voice	O	KEYBOARD VOICE	X	O	X	O	STYLE	X	-	
Tuning																
Tune Right1	X	X	X	X	X	-	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-	

Parameter	System					Voice Set Group	Song					Style			Registration		Scale Tune	Parameter Lock Group	Note
	Setup	MIDI Setup	User Effect	Music Finder	VoiceSet		Song	Song Setup Group	Style Data	OTS	Multi Pad	Regist	Freeze Group						
Tune Right2	X	X	X	X	X	-	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-				
Tune Left	X	X	X	X	X	-	O	KEYBOARD VOICE	X	O	X	O	STYLE	X	-				
Portamento Time																			
Portamento Time Right1	X	X	X	X	O	Voice	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-				
Portamento Time Right2	X	X	X	X	O	Voice	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-				
Portamento Time Left	X	X	X	X	O	Voice	O	KEYBOARD VOICE	X	O	X	O	STYLE	X	-				
Pitch Bend Range																			
Pitch Bend Range Right1	X	X	X	X	X	-	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-				
Pitch Bend Range Right2	X	X	X	X	X	-	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-				
Pitch Bend Range Left	X	X	X	X	X	-	O	KEYBOARD VOICE	X	O	X	O	STYLE	X	-				
Transpose																			
Master Transpose	X	X	X	X	X	-	X	-	X	X	X	O	TRANSPOSE	X	-				
Song Transpose	X	X	X	X	X	-	X	-	X	X	X	O	TRANSPOSE	X	-				
Keyboard Transpose	X	X	X	X	X	-	X	-	X	X	X	O	TRANSPOSE	X	-				
Main>Mixing Console>Master Compressor																			
Master Compressor Type	O	X	X	X	X	-	X	-	X	X	X	X	-	X	-				
Master Compressor Threshold Offset	X	X	O	X	X	-	X	-	X	X	X	X	-	X	-				
Master Compressor Ratio Offset	X	X	O	X	X	-	X	-	X	X	X	X	-	X	-				
Master Compressor Output Gain Offset	X	X	O	X	X	-	X	-	X	X	X	X	-	X	-				
Master Compressor On/Off	O	X	X	X	X	-	X	-	X	X	X	X	-	X	-				
Main>Mixing Console>MEQ																			
Master EQ Type	O	X	X	X	X	-	X	-	X	X	X	X	-	X	MASTER EQ				
Master EQ Parameter	X	X	O	X	X	-	X	-	X	X	X	X	-	X	MASTER EQ				
Main>Mixing Console>EQ																			
EQ Low Gain																			
EQ Low Gain Style Part	X	X	X	X	X	-	X	-	O	X	X	O	STYLE	X	-				
EQ Low Gain Song Part	X	X	X	X	X	-	O	EQ	X	X	X	X	-	X	-				
EQ Low Gain Multi Pad	X	X	X	X	X	-	X	-	X	X	X	O	MULTI PAD	X	-				
EQ Low Gain Right1	X	X	X	X	O	EQ	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-				
EQ Low Gain Right2	X	X	X	X	O	EQ	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-				
EQ Low Gain Left	X	X	X	X	O	EQ	O	KEYBOARD VOICE	X	O	X	O	STYLE	X	-				
EQ Low Gain Style(Offset)	X	X	X	X	X	-	X	-	X	X	X	O	STYLE	X	-				
EQ High Gain																			
EQ High Gain Style Part	X	X	X	X	X	-	X	-	O	X	X	O	STYLE	X	-				
EQ High Gain Song Part	X	X	X	X	X	-	O	EQ	X	X	X	X	-	X	-				
EQ High Gain Multi Pad	X	X	X	X	X	-	X	-	X	X	X	O	MULTI PAD	X	-				
EQ High Gain Right1	X	X	X	X	O	EQ	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-				
EQ High Gain Right2	X	X	X	X	O	EQ	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-				
EQ High Gain Left	X	X	X	X	O	EQ	O	KEYBOARD VOICE	X	O	X	O	STYLE	X	-				
EQ High Gain Style(Offset)	X	X	X	X	X	-	X	-	X	X	X	O	STYLE	X	-				
Main>Mixing Console>Effect																			
Reverb Type																			
Reverb Type	X	X	X	X	X	-	O	EFFECT	O	X	X	O	STYLE/SONG	X	REVERB TYPE				
Reverb Return Level	X	X	X	X	X	-	O	EFFECT	O	X	X	O	STYLE/SONG	X	REVERB RETURN LEVEL				
Reverb Depth																			
Reverb Depth Style Part	X	X	X	X	X	-	X	-	O	X	X	O	STYLE	X	-				
Reverb Depth Song Part	X	X	X	X	X	-	O	EFFECT	X	X	X	X	-	X	-				
Reverb Depth Multi Pad	X	X	X	X	X	-	X	-	X	X	X	O	MULTI PAD	X	-				
Reverb Depth Right1	X	X	X	X	O	Effect	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-				
Reverb Depth Right2	X	X	X	X	O	Effect	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-				
Reverb Depth Left	X	X	X	X	O	Effect	O	KEYBOARD VOICE	X	O	X	O	STYLE	X	-				
Reverb Depth Style(Offset)	X	X	X	X	X	-	X	-	X	X	X	O	STYLE	X	-				
Chorus Type																			
Chorus Type	X	X	X	X	X	-	O	EFFECT	O	X	X	O	STYLE/SONG	X	-				
Chorus Return Level	X	X	X	X	X	-	O	EFFECT	O	X	X	O	STYLE/SONG	X	CHORUS RETURN LEVEL				
Chorus Depth																			
Chorus Depth Style Part	X	X	X	X	X	-	X	-	O	X	X	O	STYLE	X	-				
Chorus Depth Song Part	X	X	X	X	X	-	O	EFFECT	X	X	X	X	-	X	-				
Chorus Depth Multi Pad	X	X	X	X	X	-	X	-	X	X	X	O	MULTI PAD	X	-				
Chorus Depth Right1	X	X	X	X	O	Effect	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-				
Chorus Depth Right2	X	X	X	X	O	Effect	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-				
Chorus Depth Left	X	X	X	X	O	Effect	O	KEYBOARD VOICE	X	O	X	O	STYLE	X	-				
Chorus Depth Style(Offset)	X	X	X	X	X	-	X	-	X	X	X	O	STYLE	X	-				
DSP Type																			
DSP1(Variation) Type	X	X	X	X	X	-	O	EFFECT	O	X	X	O	STYLE/SONG	X	-				
DSP1(Variation) Return Level	X	X	X	X	X	-	O	EFFECT	O	X	X	O	STYLE/SONG	X	DSP RETURN LEVEL				
DSP2Type	X	X	X	X	X	-	O	EFFECT	X	X	X	O	VOICE/STYLE/SONG	X	-				
DSP3Type	X	X	X	X	X	-	O	EFFECT	X	X	X	O	VOICE/STYLE/SONG	X	-				
DSP Depth																			
DSP Depth Style Part	X	X	X	X	X	-	X	-	O	X	X	O	STYLE	X	-				

Parameter	System					Voice Set Group	Song			Style		Registration		Scale Tune	Parameter Lock Group	Note
	Setup	MIDI Setup	User Effect	Music Finder	VoiceSet		Song	Song Setup Group	Style Data	OTS	Multi Pad	Regist	Freeze Group			
DSP Depth Song Part	X	X	X	X	X	-	O	EFFECT	X	X	X	X	-	X	-	
DSP Depth Right1	X	X	X	X	O	Effect	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-	
DSP Depth Right2	X	X	X	X	O	Effect	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-	
DSP Depth Left	X	X	X	X	O	Effect	O	KEYBOARD VOICE	X	O	X	O	STYLE	X	-	
Insertion Type(Right1)	X	X	X	X	O	Effect	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-	
Insertion Type(Right2)	X	X	X	X	O	Effect	O	KEYBOARD VOICE	X	O	X	O	VOICE	X	-	
Insertion Type(Left)	X	X	X	X	O	Effect	O	KEYBOARD VOICE	X	O	X	O	STYLE	X	-	
Insertion Type(Song)	X	X	X	X	X	-	O	EFFECT	X	X	X	X	-	X	-	
Effect Parameter(Reverb/Chorus/DSP1)	X	X	O	X	X	-	O	EFFECT	X	X	X	X	-	X	-	
Effect Parameter(Reverb/Chorus/DSP2-4)	X	X	O	X	X	-	O	EFFECT	X	O	X	O	VOICE/STYLE	X	-	
Main>Channel>Channel On/Off Popup																
Channel On/Off(Song)	X	X	X	X	X	-	X	-	X	X	X	O	SONG	X	-	
Channel On/Off(Style)	X	X	X	X	X	-	X	-	O	X	X	O	STYLE	X	-	
Function Menu>MIDI																
MIDI Template																
Template No.	O	X	X	X	X	-	X	-	X	X	X	X	-	X	-	
Preset Template Name	X	O	X	X	X	-	X	-	X	X	X	X	-	X	-	
Function Menu>MIDI>EDIT																
System																
Local Control	X	O	X	X	X	-	X	-	X	X	X	X	-	X	-	
Clock	X	O	X	X	X	-	X	-	X	X	X	X	-	X	-	
Transmit Clock	X	O	X	X	X	-	X	-	X	X	X	X	-	X	-	
Receive Transpose	X	O	X	X	X	-	X	-	X	X	X	X	-	X	-	
Receive Start/Stop	X	O	X	X	X	-	X	-	X	X	X	X	-	X	-	
SysEx Transmit	X	O	X	X	X	-	X	-	X	X	X	X	-	X	-	
SysEx Receive	X	O	X	X	X	-	X	-	X	X	X	X	-	X	-	
Chord SysEx Transmit	X	O	X	X	X	-	X	-	X	X	X	X	-	X	-	
Chord SysEx Receive	X	O	X	X	X	-	X	-	X	X	X	X	-	X	-	
Transmit																
Part Select	X	O	X	X	X	-	X	-	X	X	X	X	-	X	-	
Ch Select	X	O	X	X	X	-	X	-	X	X	X	X	-	X	-	
Filter(for each part)	X	O	X	X	X	-	X	-	X	X	X	X	-	X	-	
Receive																
Ch Select	X	O	X	X	X	-	X	-	X	X	X	X	-	X	-	
Part Select	X	O	X	X	X	-	X	-	X	X	X	X	-	X	-	
Filter(for each part)	X	O	X	X	X	-	X	-	X	X	X	X	-	X	-	
Bass(On Bass Note)																
Bass(On Bass Note)	X	O	X	X	X	-	X	-	X	X	X	X	-	X	-	
Chord Detect																
Chord Detect	X	O	X	X	X	-	X	-	X	X	X	X	-	X	-	
Function Menu>Mater Tune/Scale Tune																
Master Tune																
Master Tune	O	X	X	X	X	-	X	-	X	X	X	X	-	X	-	
Scale Tune																
Scale Type	X	X	X	X	X	-	X	-	X	X	X	O	SCALE	O	-	
Base Note	X	X	X	X	X	-	X	-	X	X	X	O	SCALE	O	-	
Tune	X	X	X	X	X	-	X	-	X	X	X	O	SCALE	O	-	
Part Select (Right1/Right2,Left,Style,Multi Pad)	X	X	X	X	X	-	X	-	X	X	X	O	SCALE	O	-	
Function Menu>Controller																
Live Control																
Live Control Assign Type	X	X	X	X	X	-	X	-	X	X	X	X	-	X	-	
Live Control Assign Set 1-1	O	X	X	X	X	-	X	-	X	X	X	X	-	X	-	
Live Control Assign Set 2-1	O	X	X	X	X	-	X	-	X	X	X	X	-	X	-	
Live Control Assign Set 3-1	O	X	X	X	X	-	X	-	X	X	X	X	-	X	-	
Live Control Assign Set 4-1	O	X	X	X	X	-	X	-	X	X	X	X	-	X	-	
Live Control Assign Set 5-1	O	X	X	X	X	-	X	-	X	X	X	X	-	X	-	
Live Control Assign Set 6-1	O	X	X	X	X	-	X	-	X	X	X	X	-	X	-	
Live Control Assign Set 7-1	O	X	X	X	X	-	X	-	X	X	X	X	-	X	-	
Live Control Assign Set 8-1	O	X	X	X	X	-	X	-	X	X	X	X	-	X	-	
Live Control Assign Set 1-2	O	X	X	X	X	-	X	-	X	X	X	X	-	X	-	
Live Control Assign Set 2-2	O	X	X	X	X	-	X	-	X	X	X	X	-	X	-	
Live Control Assign Set 3-2	O	X	X	X	X	-	X	-	X	X	X	X	-	X	-	
Live Control Assign Set 4-2	O	X	X	X	X	-	X	-	X	X	X	X	-	X	-	
Live Control Assign Set 5-2	O	X	X	X	X	-	X	-	X	X	X	X	-	X	-	
Live Control Assign Set 6-2	O	X	X	X	X	-	X	-	X	X	X	X	-	X	-	
Live Control Assign Set 7-2	O	X	X	X	X	-	X	-	X	X	X	X	-	X	-	
Live Control Assign Set 8-2	O	X	X	X	X	-	X	-	X	X	X	X	-	X	-	
Foot Pedal																
Pedal Function	X	X	X	X	X	-	X	-	X	X	X	O	PEDAL	X	-	
Pedal Settings	X	X	X	X	X	-	X	-	X	X	X	O	PEDAL	X	-	
Pedal Polarity	O	X	X	X	X	-	X	-	X	X	X	X	-	X	-	
Keyboard/Panel																
Touch Response	O	X	X	X	X	-	X	-	X	X	X	X	-	X	-	

Parameter	System					Voice Set Group	Song			Style		Registration			Scale Tune	Parameter Lock Group	Note
	Setup	MIDI Setup	User Effect	Music Finder	VoiceSet		Song	Song Setup Group	Style Data	OTS	Multi Pad	Regist	Freeze Group				
Initial Touch Off Level	X	X	X	X	X	-	X	-	X	X	X	O	VOICE	X	-		
Initial Touch Part On/Off	X	X	X	X	X	-	X	-	X	X	X	O	VOICE	X	-		
Modulation(+) Part On/Off	X	X	X	X	X	-	X	-	X	X	X	O	VOICE	X	-		
Modulation(-) Part On/Off	X	X	X	X	X	-	X	-	X	X	X	O	VOICE	X	-		
Transpose Assign	O	X	X	X	X	-	X	-	X	X	X	X	-	X	-		
Function Menu>Regist Sequence/Freeze																	
Regist Sequence																	
Regist Sequence Data	X	X	X	X	X	-	X	-	X	X	X	O	-	X	-		
Regist Sequence Enable	O	X	X	X	X	-	X	-	X	X	X	X	-	X	-		
Regist(+)Pedal	O	X	X	X	X	-	X	-	X	X	X	X	-	X	-		
Regist(-)Pedal	O	X	X	X	X	-	X	-	X	X	X	X	-	X	-		
Regist Sequence End	X	X	X	X	X	-	X	-	X	X	X	O	-	X	-		
Freeze Group																	
Freeze Group Setting	O	X	X	X	X	-	X	-	X	X	X	X	-	X	-		
Voice Set																	
Voice Set Group Right1 On/Off	O	X	X	X	X	-	X	-	X	X	X	X	-	X	-		
Voice Set Group Right2 On/Off	O	X	X	X	X	-	X	-	X	X	X	X	-	X	-		
Voice Set Group Left On/Off	O	X	X	X	X	-	X	-	X	X	X	X	-	X	-		
Function Menu>Harmony/Arpeggio																	
Type	X	X	X	X	O	Harmony/Arpeggio	O	KEYBOARD VOICE	X	O	X	O	HARMONY/ARPEGGIO	X	-		
Volume	X	X	X	X	O	Harmony/Arpeggio	O	KEYBOARD VOICE	X	O	X	O	HARMONY/ARPEGGIO	X	-		
Speed	X	X	X	X	O	Harmony/Arpeggio	O	KEYBOARD VOICE	X	O	X	O	HARMONY/ARPEGGIO	X	-		
Assign	X	X	X	X	O	Harmony/Arpeggio	O	KEYBOARD VOICE	X	O	X	O	HARMONY/ARPEGGIO	X	-		
Chord Note Only	X	X	X	X	O	Harmony/Arpeggio	O	KEYBOARD VOICE	X	O	X	O	HARMONY/ARPEGGIO	X	-		
Touch Limit	X	X	X	X	O	Harmony/Arpeggio	O	KEYBOARD VOICE	X	O	X	O	HARMONY/ARPEGGIO	X	-		
Function Menu>Utility																	
Configuration1																	
Fade In Time	O	X	X	X	X	-	X	-	X	X	X	X	-	X	-		
Fade Out Time	O	X	X	X	X	-	X	-	X	X	X	X	-	X	-		
Fade Out Hold Time	O	X	X	X	X	-	X	-	X	X	X	X	-	X	-		
Metronome Volume	O	X	X	X	X	-	X	-	X	X	X	X	-	X	-		
Metronome Sound	O	X	X	X	X	-	X	-	X	X	X	X	-	X	-		
Time Signature	X	X	X	X	X	-	O	-	O	X	X	X	-	X	-		
Tap Count Percussion	X	X	X	X	X	-	O	KEYBOARD VOICE	X	O	X	O	STYLE	X	-		
Tap Count Velocity	X	X	X	X	X	-	O	KEYBOARD VOICE	X	O	X	O	STYLE	X	-		
Auto Power Off	O	X	X	X	X	-	X	-	X	X	X	X	-	X	-		
Configuration2																	
Speaker	O	X	X	X	X	-	X	-	X	X	X	X	-	X	-		
Display Style Tempo	O	X	X	X	X	-	X	-	X	X	X	X	-	X	-		
Display Voice Number	O	X	X	X	X	-	X	-	X	X	X	X	-	X	-		
Display Time Stamp	O	X	X	X	X	-	X	-	X	X	X	X	-	X	-		
Voice Category Button Options	O	X	X	X	X	-	X	-	X	X	X	X	-	X	-		
Popup Display Time	O	X	X	X	X	-	X	-	X	X	X	X	-	X	-		
Arpeggio Quantize	O	X	X	X	X	-	X	-	X	X	X	X	-	X	-		
Arpeggio Hold Sw	O	X	X	X	X	-	X	-	X	X	X	X	-	X	-		
Parameter Lock																	
Parameter Lock	O	X	X	X	X	-	X	-	X	X	X	X	-	X	-		
USB																	
Song Auto Open	O	X	X	X	X	-	X	-	X	X	X	X	-	X	-		
Function Menu>System																	
Owner																	
Language	O	X	X	X	X	-	X	-	X	X	X	X	-	X	-	Cannot be reset with Factory Reset.	
Owner Name	O	X	X	X	X	-	X	-	X	X	X	X	-	X	-	Cannot be reset with Factory Reset.	
Main Picture	O	X	X	X	X	-	X	-	X	X	X	X	-	X	-	Cannot be reset with Factory Reset.	
Registration																	
Regist Memory Contents	O	X	X	X	X	-	X	-	X	X	X	X	-	X	-		
Regist Contents Name	X	X	X	X	X	-	X	-	X	X	X	O	-	X	-		
Transpose																	
Transpose	X	X	X	X	X	-	X	-	X	X	X	O	TRANSPOSE	X	-		
Upper Octave																	
Upper Octave	X	X	X	X	X	-	X	-	X	X	X	O	VOICE	X	-		
USB Audio Player																	
Audio Volume	O	X	X	X	X	-	X	-	X	X	X	O	AUDIO	X	-		
Audio Player Repeat Mode	O	X	X	X	X	-	X	-	X	X	X	X	-	X	-		

MIDI Data Format / MIDI-Datenformat / Format des données MIDI / Formato de datos MIDI

Many MIDI messages listed in the MIDI Data Format are expressed in decimal numbers, binary numbers and hexadecimal numbers. Hexa-decimal numbers may include the letter "H" as a suffix. Also, "n" can freely be defined as any whole number. To enter data/values, refer to the table below.

Decimal	Hexadecimal	Binary
0	00	0000 0000
1	01	0000 0001
2	02	0000 0010
3	03	0000 0011
4	04	0000 0100
5	05	0000 0101
6	06	0000 0110
7	07	0000 0111
8	08	0000 1000
9	09	0000 1001
10	0A	0000 1010
11	0B	0000 1011
12	0C	0000 1100
13	0D	0000 1101
14	0E	0000 1110
15	0F	0000 1111
16	10	0001 0000
17	11	0001 0001
18	12	0001 0010
19	13	0001 0011
20	14	0001 0100
21	15	0001 0101
22	16	0001 0110
23	17	0001 0111
24	18	0001 1000
25	19	0001 1001
26	1A	0001 1010
27	1B	0001 1011
28	1C	0001 1100
29	1D	0001 1101
30	1E	0001 1110
31	1F	0001 1111

Decimal	Hexadecimal	Binary
32	20	0010 0000
33	21	0010 0001
34	22	0010 0010
35	23	0010 0011
36	24	0010 0100
37	25	0010 0101
38	26	0010 0110
39	27	0010 0111
40	28	0010 1000
41	29	0010 1001
42	2A	0010 1010
43	2B	0010 1011
44	2C	0010 1100
45	2D	0010 1101
46	2E	0010 1110
47	2F	0010 1111
48	30	0011 0000
49	31	0011 0001
50	32	0011 0010
51	33	0011 0011
52	34	0011 0100
53	35	0011 0101
54	36	0011 0110
55	37	0011 0111
56	38	0011 1000
57	39	0011 1001
58	3A	0011 1010
59	3B	0011 1011
60	3C	0011 1100
61	3D	0011 1101
62	3E	0011 1110
63	3F	0011 1111

Decimal	Hexadecimal	Binary
64	40	0100 0000
65	41	0100 0001
66	42	0100 0010
67	43	0100 0011
68	44	0100 0100
69	45	0100 0101
70	46	0100 0110
71	47	0100 0111
72	48	0100 1000
73	49	0100 1001
74	4A	0100 1010
75	4B	0100 1011
76	4C	0100 1100
77	4D	0100 1101
78	4E	0100 1110
79	4F	0100 1111
80	50	0101 0000
81	51	0101 0001
82	52	0101 0010
83	53	0101 0011
84	54	0101 0100
85	55	0101 0101
86	56	0101 0110
87	57	0101 0111
88	58	0101 1000
89	59	0101 1001
90	5A	0101 1010
91	5B	0101 1011
92	5C	0101 1100
93	5D	0101 1101
94	5E	0101 1110
95	5F	0101 1111

Decimal	Hexadecimal	Binary
96	60	0110 0000
97	61	0110 0001
98	62	0110 0010
99	63	0110 0011
100	64	0110 0100
101	65	0110 0101
102	66	0110 0110
103	67	0110 0111
104	68	0110 1000
105	69	0110 1001
106	6A	0110 1010
107	6B	0110 1011
108	6C	0110 1100
109	6D	0110 1101
110	6E	0110 1110
111	6F	0110 1111
112	70	0111 0000
113	71	0111 0001
114	72	0111 0010
115	73	0111 0011
116	74	0111 0100
117	75	0111 0101
118	76	0111 0110
119	77	0111 0111
120	78	0111 1000
121	79	0111 1001
122	7A	0111 1010
123	7B	0111 1011
124	7C	0111 1100
125	7D	0111 1101
126	7E	0111 1110
127	7F	0111 1111

- Except the table above, for example 144–159 (decimal)/9nH/10010000–1001 1111 (binary) denotes the Note On Message for each channel (1–16). 176–191/BnH/1011 0000–1011 1111 denotes the Control Change Message for each channel (1–16). 192–207/CnH/1100 0000–1100 1111 denotes the Program Change Message for each channel (1–16). 240/F0H/1111 0000 denotes the start of a System Exclusive Message. 247/F7H/1111 0111 denotes the end of a System Exclusive Message.
- aaH (hexadecimal)/0aaaaaaa (binary) denotes the data address. The address contains High, Mid, and Low.
- bbH/0bbbbbbb denotes the byte count.
- ccH/0ccccccc denotes the check sum.
- ddH/0ddddddd denotes the data/value.

MIDI CHANNEL MESSAGE (1)

[GM1]...GM Required Parameter

[GM2]...GM Level2 Required Parameter

MIDI Events	Status byte		1st Data byte		2nd Data byte			Voice	[MIDI]					[Internal sequencer]						
	Status		Data (HEX)	Parameter	Data (HEX)	Parameter	Regular/Drum/Natural/Organ Voice		MIDI Reception					MIDI Transmission						
									Song	Right1/Right2/Left	Keyboard	Style	Extra	Right1/Right2/Left	M.Pad	Style	Song	Upper Lower	PLAY	REW
Key Off [GM1][GM2][GS]	8nH	(n:Channel Number)	kk	Key no. (0-127)	vv	Velocity(0-127)	0	0	0	0	0	0	X	X	X	0	X	0	X	X
Key On [GM1][GM2][GS]	9nH	(n:Channel Number)	kk	Key no. (0-127)	vv	Key On :vv=1-127 Key Off :vv=0	0	0	0	0	0	0	●	0	0	0	●	0	X	0
Control Change [GM2][GS]	BnH		0 (00H)	Bank Select MSB [GM2][GS]	0 (00H)	Normal SA Voice (00H) MegaVoice (08H) SA Voice (08H) SFX Voice (40H) Normal (68H) SA Voice (68H) GS Rhythm (76H) GS Normal (77H) GM2 Rhythm (78H) GM2 Normal (79H) SFX kit (7EH) Drum kit (7FH)	0	0	0	0	0	0	●	0	●	●	X	0	0	0
			1 (01H)	Modulation [GM1][GM2][GS]	0-127 (00H...7FH)	Data	0	0	0	0	0	0	●	0	0	0	●	0	0	0
			5 (05H)	Portamento Time [GM2][GS]	0-127 (00H...7FH)	Data	0	0	0	0	0	0	●	0	X	0	X	0	0	0
			6 (06H)	Data Entry MSB [GM2][GS]	0-127 (00H...7FH)	Data	0	0	0	0	0	0	●	0	0	0	X	0	X	0
			7 (07H)	Main Volume [GM1][GM2][GS]	0-127 (00H...7FH)	Data	0	0	0	0	0	0	●	●	●	●	X	0	0	0
			10 (0AH)	Panpot [GM1][GM2][GS]	0-127 (00H...7FH)	L64...C...R63	0	0	0	0	0	0	●	●	●	●	X	0	0	0
			11 (0BH)	Expression [GM1][GM2][GS]	0-127 (00H...7FH)	Data	0	0	0	0	0	0	●	●	●	●	●	0	0	0
			16 (10H)	General Purpose Controller	0-127 (00H...7FH)	Data	0	0	0	0	0	0	●	0	X	0	●	0	0	X
			32 (20H)	Bank Select LSB [GM2][GS]	0-127 (00H...7FH)	Data	0	0	0	0	0	0	●	0	●	●	X	0	0	0
			38 (26H)	Data Entry LSB [GM2][GS]	0-127 (00H...7FH)	Data	0	0	0	0	0	0	●	0	X	0	X	0	X	0
			64 (40H)	Sustain (Dampner) [GM1][GM2][GS]	0-127 (00H...7FH)	Data	0	0	0	0	0	0	●	0	X	0	●	0	0	0
			65 (41H)	Portamento [GM2][GS]	0-127 (00H...7FH)	0...63, 64...127 (OFF, ON)	0	0	0	0	0	0	●	0	X	0	●	0	0	0
			66 (42H)	Sostenuto [GM2][GS]	0-127 (00H...7FH)	0...63, 64...127 (OFF, ON)	0	0	0	0	0	0	●	0	X	0	●	0	0	0
			67 (43H)	Soft Pedal [GM2][GS]	0-127 (00H...7FH)	0...63, 64...127 (OFF, ON)	0	0	0	0	0	0	●	0	X	0	●	0	0	0
			71 (47H)	Harmonic Content [GM2]	0-127 (00H...7FH)	-64...0...+63	0	0	0	0	0	0	●	0	●	●	X	0	0	0
			72 (48H)	Release Time [GM2]	0-127 (00H...7FH)	-64...0...+63	0	0	0	0	0	0	●	0	0	0	X	0	0	0
			73 (49H)	Attack Time [GM2]	0-127 (00H...7FH)	-64...0...+63	0	0	0	0	0	0	●	0	0	0	X	0	0	0
			74 (4AH)	Brightness [GM2]	0-127 (00H...7FH)	-64...0...+63	0	0	0	0	0	0	●	0	●	●	X	0	0	0
			75 (4BH)	Decay Time [GM2]	0-127 (00H...7FH)	-64...0...+63	0	0	0	0	0	0	X	X	X	0	X	0	0	X
			76 (4CH)	Vibrato Rate [GM2]	0-127 (00H...7FH)	-64...0...+63	0	0	0	0	0	0	X	X	X	0	X	0	0	X
			77 (4DH)	Vibrato Depth [GM2]	0-127 (00H...7FH)	-64...0...+63	0	0	0	0	0	0	X	X	X	0	X	0	0	X
			78 (4EH)	Vibrato Delay [GM2]	0-127 (00H...7FH)	-64...0...+63	0	0	0	0	0	0	X	X	X	0	X	0	0	X
			80 (50H)	General Purpose Controller (Articuration 1)	0-127 (00H...7FH)	0: OFF 127: ON	0	0	X	X	X	X	X	X	0	0	X	0	0	0

MIDI Events	[MIDI]																	[Internal sequencer]				
	Status byte	1st Data byte		2nd Data byte		Voice	MIDI Reception					MIDI Transmission					PLAY		REC			
	Status	Data (HEX)	Parameter	Data (HEX)	Parameter	Regular/ Drum/ Natural/ Organ Voice	Song	Right1/ Right2/ Left	Keyboard	Style	Extra	Right1/ Right2/ Left	M.Pad	Style	Song	Upper Lower	PLAY	REW	From panel (Right1/ Right2/ Left)			
Control Change [GM2][GS]	BnH		81 (51H)	General Purpose Controller (Articulation 2)	0-127	(00H...7FH)	0: OFF 127:ON	X	O	X	X	X	X	O	O	X	O	O	O	O		
			84 (54H)	Portamento Control	0-127	(00H...7FH)	Key no. (0-127)	O	O	O	X	O	O	O	O	●	O	X	O	X	O	
			91 (5BH)	Effect1 Depth (Reverb Send Level) [GM2][GS]	0-127	(00H...7FH)	Data	O	O	O	O	O	O	●	●	●	●	X	O	O	O	O
			93 (5DH)	Effect3 Depth (Chorus Send Level) [GM2][GS]	0-127	(00H...7FH)	Data	O	O	O	O	O	O	●	●	●	●	X	O	O	O	O
			94 (5EH)	Effect4 Depth (Variation Send Level)	0-127	(00H...7FH)	Data	O	O	O	O	O	O	O	O	●	●	X	O	O	X	Multi Part Recording
			96 (60H)	RPN Increment	-	-	The data byte is ignored.	O	O	O	X	O	O	X	O	X	O	X	O	X	X	X
			97 (61H)	RPN Decrement	-	-	The data byte is ignored.	O	O	O	X	O	O	X	O	X	O	X	O	X	X	X
			98 (62H)	NRPN LSB [GS]	0-127	(00H...7FH)	Data	O	O	O	X	O	O	●	O	O	O	X	O	O	O	O
			99 (63H)	NRPN MSB [GS]	0-127	(00H...7FH)	Data	O	O	O	X	O	O	●	O	O	O	X	O	O	O	O
			100 (64H)	RPN LSB [GM2][GS]	0-127	(00H...7FH)	Data	O	O	O	O	O	O	●	O	O	O	X	O	O	O	O
101 (65H)	RPN MSB [GM2][GS]	0-127	(00H...7FH)	Data	O	O	O	O	O	O	●	O	O	O	X	O	O	O	O			
Mode Message	BnH	(n:Channel Number)	120 (78H)	All Sound Off [GM2][GS]	0	(00H)	Data	O	O	O	O	X	O	X	O	X	O	X	X			
			121 (79H)	Reset All Controllers [GM1][GM2][GS]	0	(00H)	Data	O	O	X	X	X	X	O	X	O	X	O	X	X		
			122 (7AH)	Local Control	0 127	(00H) (7FH)	OFF ON	-			O			X	X	X	X	X	X	X	X	
			123 (7BH)	All Note Off [GM1][GM2][GS]	0	(00H)	Data	O	O	O	O	O	X	O	X	O	X	O	X	X	X	
			124 (7CH)	Omni Off [GM2][GS]	0	(00H)	Data	O	O	X	X	X	X	O	X	O	X	O	X	X	X	
			125 (7DH)	Omni On [GM2][GS]	0	(00H)	Data	O	O	X	X	X	X	O	X	O	X	O	X	X	X	
			126 (7EH)	Mono [GM2][GS]	0-16	(00H...10H)	Data	O	O	X	X	X	X	O	X	O	X	O	X	X	X	
127 (7FH)	Poly [GM2][GS]	0	(00H)	Data	O	O	X	X	X	X	O	X	O	X	O	X	X	X				
Program Change [GM1][GM2][GS]	CnH	(n:Channel Number)	pp (00H...7FH)	Voice Number (0-127)	-	-	-	O	O	O	O	●	O	●	●	X	O	O	O			
Channel After Touch [GM1][GM2][GS]	DnH	(n:Channel Number)	vv (00H...7FH)	Data	-	-	-	O	O	O	O	X	O	X	O	X	O	X	O			
Polyphonic After Touch [GS]	AnH	(n:Channel Number)	kk (00H...7FH)	Key no. (0-127)	vv	(00H...7FH)	Data	O	O	X	X	X	X	X	O	X	O	X	X			
Pitch Bend Change [GM1][GM2][GS]	EnH	(n:Channel Number)	cc (00H...7FH)	LSB	dd	(00H...7FH)	MSB	O	O	O	O	●	O	O	O	●	O	O	O			
Realtime Message	F8H	MIDI Clock	-	-	-	-	-	-	O													
	FAH	Start	-	-	-	-	-	-	O													
	FBH	Continue	-	-	-	-	-	-	X													
	FCH	Stop	-	-	-	-	-	-	O													
	FEH	Active Sense [GM2]	-	-	-	-	-	-	O													
	FFH	System Reset	-	-	-	-	-	-	X													

● : Transmitted via panel operations and keyboard/controller performances. O : Available

*1: Same operation as when receiving All Note Off.

*2: Same operation as when receiving All Note Off. OMNI ON is not enabled.

MIDI CHANNEL MESSAGE (2)

[GM1]...GM Required Parameter

[GM2]...GM Level2 Required Parameter

NRPN (Non Registered Parameter Number)				[MIDI]												[Internal sequencer]				
MSB	LSB	Data Entry		Parameter	Data Range	Voice	MIDI Reception					MIDI Transmission					PLAY		REC	
		MSB	LSB				Regular/ Drum/ Natural/ Organ Voice	Song	Right/ Right2/ Left	Keyboard	Style	Extra	Right/ Right2/ Left	M.Pad	Style	Song	Upper Lower	PLAY		REW
01H	08H	mmH	--	Vibrato Rate [GS]	mm : 00H-40H-7FH (-64...0...+63)	○	○	○	○	○	○	●	○	○	○	○	○	○	○	○
01H	09H	mmH	--	Vibrato Depth [GS]	mm : 00H-40H-7FH (-64...0...+63)	○	○	○	○	○	○	●	○	○	○	○	○	○	○	○
01H	0AH	mmH	--	Vibrato Delay [GS]	mm : 00H-40H-7FH (-64...0...+63)	○	○	○	○	○	○	●	○	○	○	○	○	○	○	○
01H	20H	mmH	--	Low Pass Filter Cutoff Frequency [GS]	mm : 00H-40H-7FH (-64...0...+63)	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
01H	21H	mmH	--	Low Pass Filter Resonance [GS]	mm : 00H-40H-7FH (-64...0...+63)	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
01H	30H	mmH	--	EQ Bass Gain	mm : 00H-40H-7FH (-64...0...+63)	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
01H	31H	mmH	--	EQ Treble Gain	mm : 00H-40H-7FH (-64...0...+63)	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
01H	34H	mmH	--	EQ Bass Frequency	mm : 04H-28H (32..2.0k[Hz])	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
01H	35H	mmH	--	EQ Treble Frequency	mm : 1CH-3AH (500...16.0k[Hz])	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
01H	63H	mmH	--	EG Attack Time [GS]	mm : 00H-40H-7FH (-64...0...+63)	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
01H	64H	mmH	--	EG Decay Time [GS]	mm : 00H-40H-7FH (-64...0...+63)	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
01H	66H	mmH	--	EG Release [GS]	mm : 00H-40H-7FH (-64...0...+63)	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
14H	rrH	mmH	--	Drum Low Pass Filter Cutoff Frequency	rr : drum instrument note number mm : 00H-40H-7FH (-64...0...+63)	○ (Drum Only)	○	○	○	○	○	○	○	○	○	○	○	○	○	○
15H	rrH	mmH	--	Drum Low Pass Filter Resonance	rr : drum instrument note number mm : 00H-40H-7FH (-64...0...+63)	○ (Drum Only)	○	○	○	○	○	○	○	○	○	○	○	○	○	○
16H	rrH	mmH	--	Drum EG Attack Rate	rr : drum instrument note number mm : 00H-40H-7FH (-64...0...+63)	○ (Drum Only)	○	○	○	○	○	○	○	○	○	○	○	○	○	○
17H	rrH	mmH	--	Drum EG Decay Rate	rr : drum instrument note number mm : 00H-40H-7FH (-64...0...+63)	○ (Drum Only)	○	○	○	○	○	○	○	○	○	○	○	○	○	○
18H	rrH	mmH	--	Drum Pitch Coarse [GS]	rr : drum instrument note number mm : 00H-40H-7FH (-64...0...+63)	○ (Drum Only)	○	○	○	○	○	○	○	○	○	○	○	○	○	○
19H	rrH	mmH	--	Drum Pitch Fine	rr : drum instrument note number mm : 00H-40H-7FH (-64...0...+63)	○ (Drum Only)	○	○	○	○	○	○	○	○	○	○	○	○	○	○
1AH	rrH	mmH	--	Drum Level [GS]	rr : drum instrument note number mm : 00H-7FH (0...127)	○ (Drum Only)	○	○	○	○	○	○	○	○	○	○	○	○	○	○
1CH	rrH	mmH	--	Drum Pan [GS]	rr : drum instrument note number mm : 00H, 01H-40H-7FH (RND, L63..C..R63)	○ (Drum Only)	○	○	○	○	○	○	○	○	○	○	○	○	○	○
1DH	rrH	mmH	--	Drum Reverb Send Level [GS]	rr : drum instrument note number mm : 00H-7FH (0...127)	○ (Drum Only)	○	○	○	○	○	○	○	○	○	○	○	○	○	○
1EH	rrH	mmH	--	Drum Chorus Send Level [GS]	rr : drum instrument note number mm : 00H-7FH (0...127)	○ (Drum Only)	○	○	○	○	○	○	○	○	○	○	○	○	○	○
1FH	rrH	mmH	--	Drum Variation Send Level	rr : drum instrument note number mm : 00H-7FH (0...127) (Variation Connection = SYSTEM) mm : 00H, 01H-7FH (OFF, ON) (Variation Connection = INSERTION)	○ (Drum Only)	○	○	○	○	○	○	○	○	○	○	○	○	○	○
30H	rrH	mmH	--	Drum EQ Bass Gain	rr : drum instrument note number mm : 00H-7FH (0...127)	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
31H	rrH	mmH	--	Drum EQ Treble Gain	rr : drum instrument note number mm : 00H-7FH (0...127)	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
34H	rrH	mmH	--	Drum EQ Bass Frequency	rr : drum instrument note number mm : 04H-28H (32..2.0k[Hz])	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
35H	rrH	mmH	--	Drum EQ Treble Frequency	rr : drum instrument note number mm : 1CH-3AH (500...16.0k[Hz])	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○

● : Transmitted via panel operations and keyboard/controller performances. ○ : Available

NRPN MSB: 14H-35H (for drums) message is accepted as long as the channel is set with a drum voice.

Data Entry LSB: Ignored.

RPN (Registered Parameter Number)				[MIDI]												[Internal sequencer]					
MSB	LSB	Data Entry		Parameter	Data Range	Voice	MIDI Reception					MIDI Transmission					PLAY		REC		
		MSB	LSB				Regular/ Drum/ Natural/ Organ Voice	Song	Right/ Right2/ Left	Keyboard	Style	Extra	Right/ Right2/ Left	M.Pad	Style	Song	Upper Lower	PLAY		REW	From panel (Right1/ Right2/ Left)
00H	00H	mmH	--	Pitch Bend Sensitivity [GM1][GM2][GS]	mm : 00H-18H (0...+24[semitones])	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
00H	01H	mmH	llH	Fine Tune [GM1][GM2][GS]	mm ll : 00H 00H -100[cent] : 40H 00H 0[cent] : 7FH 7FH 100[cent]	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
00H	02H	mmH	--	Coarse Tune [GM1][GM2][GS]	mm : 28H-40H-58H (-24...0...+24[semitones])	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
00H	05H	mmH	llH	Modulation Sensitivity [GM2]	mm : Specified in semitone steps ll : Specified in 100/128 cent steps	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
7FH	7FH	--	--	Null [GM2][GS]	-	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○

● : Transmitted via panel operations and keyboard/controller performances. ○ : Available

XG PARAMETER CHANGE TABLE

* Not received when Receive System Exclusive Message Parameters is set to off.
 * Not transmitted when Transmit System Exclusive Message Parameters is set to off.

MIDI Parameter Change table (XG SYSTEM)

Address (H)	Size (H)	Data (H)	Parameter	Description	XG Default (H)	Voice	[MIDI]					[Internal sequencer]								
							MIDI Reception					MIDI Transmission					PLAY		REC	
							Regular/ Drum/ Natural/ Organ Voice	Song	Right1/ Right2/ Left	Keyboard	Style	Extra	Right1/ Right2/ Left	M.Pad	Style	Song	Upper Lower	PLAY	REW	From panel (Right1/ Right2/ Left)
00	00	00 01 02 03	4 00-0F 00-0F 00-0F 00-0F	MASTER TUNE	-102.4...0...+102.3[cent] 1st bit3-0 → bit15-12 2nd bit3-0 → bit11-8 3rd bit3-0 → bit7-4 4th bit3-0 → bit3-0	* Panel setting value	○		○						●			○	X	X
		04	1 00-7F	MASTER VOLUME	0...127	7F	○		○						○			○	○	X
		05	1 00-7F	MASTER ATTENUATOR	0...127	00	X		X						X			X	X	X
		06	1 28-58	TRANSCOPE	-24...0...+24[semitones]	40	○		○						○			○	○	X
		7D	1 N	DRUM SETUP RESET	N:Drum setup number	-	○		○						○			○	X	X
		7E	1 00	XG SYSTEM ON	00=XG system ON	-	○		○						○			○	X	○
		7F	1 00	ALL PARAMETER RESET	00=ON	-	○		○						○			○	X	X

TOTAL SIZE 07

● : Transmitted via panel operations ○ : Available

MIDI Parameter Change table (SYSTEM INFORMATION)

Address (H)	Size (H)	Data (H)	Parameter	Description	Voice	[MIDI]					[Internal sequencer]									
						MIDI Reception					MIDI Transmission					PLAY		REC		
						Regular/ Drum/ Natural/ Organ Voice	Song	Right1/ Right2/ Left	Keyboard	Style	Extra	Right1/ Right2/ Left	M.Pad	Style	Song	Upper Lower	PLAY	REW	From panel (Right1/ Right2/ Left)	
01	00	00 0D 0E 0F	E 20-7F : 0D 20-7F 1 NOT USED 1 NOT USED	Model Name 1 : Model Name 14 NOT USED NOT USED	32...127(ASCII CHARACTER) : 32...127(ASCII CHARACTER)	-									○			-	-	-

TOTAL SIZE 10

Transmitted in response to Dump Request. Not received.

MIDI Parameter Change table (EFFECT1)

Address (H)	Size (H)	Data (H)	Parameter	Description	XG Default (H)	Voice	[MIDI]					[Internal sequencer]								
							MIDI Reception					MIDI Transmission					PLAY		REC	
							Regular/ Drum/ Natural/ Organ Voice	Song	Right1/ Right2/ Left	Keyboard	Style	Extra	Right1/ Right2/ Left	M.Pad	Style	Song	Upper Lower	PLAY	REW	From panel (Right1/ Right2/ Left)
02	01	00	2 00-7F 00-7F	REVERB TYPE MSB Refer to Effect Parameter List	01(=HALL1) 00	○		○							●			○	○	○
		02	1 00-7F	REVERB PARAMETER 1	Refer to Effect Parameter List	Depends on Reverb Type	○		○						●			○	○	○
		03	1 00-7F	REVERB PARAMETER 2	Refer to Effect Parameter List	Depends on Reverb Type	○		○						●			○	○	○
		04	1 00-7F	REVERB PARAMETER 3	Refer to Effect Parameter List	Depends on Reverb Type	○		○						●			○	○	○
		05	1 00-7F	REVERB PARAMETER 4	Refer to Effect Parameter List	Depends on Reverb Type	○		○						●			○	○	○
		06	1 00-7F	REVERB PARAMETER 5	Refer to Effect Parameter List	Depends on Reverb Type	○		○						●			○	○	○
		07	1 00-7F	REVERB PARAMETER 6	Refer to Effect Parameter List	Depends on Reverb Type	○		○						●			○	○	○
		08	1 00-7F	REVERB PARAMETER 7	Refer to Effect Parameter List	Depends on Reverb Type	○		○						●			○	○	○
		09	1 00-7F	REVERB PARAMETER 8	Refer to Effect Parameter List	Depends on Reverb Type	○		○						●			○	○	○
		0A	1 00-7F	REVERB PARAMETER 9	Refer to Effect Parameter List	Depends on Reverb Type	○		○						●			○	○	○
		0B	1 00-7F	REVERB PARAMETER 10	Refer to Effect Parameter List	Depends on Reverb Type	○		○						●			○	○	○
		0C	1 00-7F	REVERB RETURN	--dB...0dB...+6dB(0...64...127)	40	○		○						●			○	○	○
		0D	1 01-7F	REVERB PAN	L63...C...R63	40	○		○						○			○	○	X

TOTAL SIZE 0E

02	01	10	1 00-7F	REVERB PARAMETER 11	Refer to Effect Parameter List	Depends on Reverb Type	○		○						●			○	○	○
		11	1 00-7F	REVERB PARAMETER 12	Refer to Effect Parameter List	Depends on Reverb Type	○		○						●			○	○	○
		12	1 00-7F	REVERB PARAMETER 13	Refer to Effect Parameter List	Depends on Reverb Type	○		○						●			○	○	○
		13	1 00-7F	REVERB PARAMETER 14	Refer to Effect Parameter List	Depends on Reverb Type	○		○						●			○	○	○
		14	1 00-7F	REVERB PARAMETER 15	Refer to Effect Parameter List	Depends on Reverb Type	○		○						●			○	○	○
		15	1 00-7F	REVERB PARAMETER 16	Refer to Effect Parameter List	Depends on Reverb Type	○		○						●			○	○	○

TOTAL SIZE 06

● : Transmitted via panel operations ○ : Available

										[MIDI]					[Internal sequencer]				
Address (H)	Size (H)	Data (H)	Parameter	Description	XG Default (H)	Voice	MIDI Reception					MIDI Transmission				PLAY		REC	
							Regular/ Drum/ Natural/ Organ Voice	Song	Right/ Right2/ Left	Keyboard	Style	Extra	Right1/ Right2/ Left	M.Pad	Style	Song	Upper Lower	PLAY	REW
02	01	20	2	00-7F 00-7F	CHORUS TYPE MSB CHORUS TYPE LSB	Refer to Effect Parameter List Refer to Effect Parameter List	41(=CHORUS1) 00	0											
		22	1	00-7F	CHORUS PARAMETER 1	Refer to Effect Parameter List	Depends on Chorus Type	0											
		23	1	00-7F	CHORUS PARAMETER 2	Refer to Effect Parameter List	Depends on Chorus Type	0											
		24	1	00-7F	CHORUS PARAMETER 3	Refer to Effect Parameter List	Depends on Chorus Type	0											
		25	1	00-7F	CHORUS PARAMETER 4	Refer to Effect Parameter List	Depends on Chorus Type	0											
		26	1	00-7F	CHORUS PARAMETER 5	Refer to Effect Parameter List	Depends on Chorus Type	0											
		27	1	00-7F	CHORUS PARAMETER 6	Refer to Effect Parameter List	Depends on Chorus Type	0											
		28	1	00-7F	CHORUS PARAMETER 7	Refer to Effect Parameter List	Depends on Chorus Type	0											
		29	1	00-7F	CHORUS PARAMETER 8	Refer to Effect Parameter List	Depends on Chorus Type	0											
		2A	1	00-7F	CHORUS PARAMETER 9	Refer to Effect Parameter List	Depends on Chorus Type	0											
		2B	1	00-7F	CHORUS PARAMETER 10	Refer to Effect Parameter List	Depends on Chorus Type	0											
		2C	1	00-7F	CHORUS RETURN	--dB...0dB...+6dB(0...64...127)	40	0											
		2D	1	01-7F	CHORUS PAN	L63...C...R63	40												X
		2E	1	00-7F	SEND CHORUS TO REVERB	--dB...0dB...+6dB(0...64...127)	00	0											X

TOTAL SIZE 0F

02	01	30	1	00-7F	CHORUS PARAMETER 11	Refer to Effect Parameter List	Depends on Chorus Type	0											
		31	1	00-7F	CHORUS PARAMETER 12	Refer to Effect Parameter List	Depends on Chorus Type	0											
		32	1	00-7F	CHORUS PARAMETER 13	Refer to Effect Parameter List	Depends on Chorus Type	0											
		33	1	00-7F	CHORUS PARAMETER 14	Refer to Effect Parameter List	Depends on Chorus Type	0											
		34	1	00-7F	CHORUS PARAMETER 15	Refer to Effect Parameter List	Depends on Chorus Type	0											
		35	1	00-7F	CHORUS PARAMETER 16	Refer to Effect Parameter List	Depends on Chorus Type	0											

TOTAL SIZE 06

										[MIDI]					[Internal sequencer]				
Address (H)	Size (H)	Data (H)	Parameter	Description	XG Default (H)	Voice	MIDI Reception					MIDI Transmission				PLAY		REC	
							Regular/ Drum/ Natural/ Organ Voice	Song	Right/ Right2/ Left	Keyboard	Style	Extra	Right1/ Right2/ Left	M.Pad	Style	Song	Upper Lower	PLAY	REW
02	01	40	2	00-7F 00-7F	VARIATION TYPE MSB VARIATION TYPE LSB	Refer to Effect Parameter List Refer to Effect Parameter List	05(=DELAY L,C,R) 00	0											
		42	2	00-7F 00-7F	VARIATION PARAMETER 1 MSB VARIATION PARAMETER 1 LSB	Refer to Effect Parameter List Refer to Effect Parameter List	Depends on Variation Type	0											
		44	2	00-7F 00-7F	VARIATION PARAMETER 2 MSB VARIATION PARAMETER 2 LSB	Refer to Effect Parameter List Refer to Effect Parameter List	Depends on Variation Type	0											
		46	2	00-7F 00-7F	VARIATION PARAMETER 3 MSB VARIATION PARAMETER 3 LSB	Refer to Effect Parameter List Refer to Effect Parameter List	Depends on Variation Type	0											
		48	2	00-7F 00-7F	VARIATION PARAMETER 4 MSB VARIATION PARAMETER 4 LSB	Refer to Effect Parameter List Refer to Effect Parameter List	Depends on Variation Type	0											
		4A	2	00-7F 00-7F	VARIATION PARAMETER 5 MSB VARIATION PARAMETER 5 LSB	Refer to Effect Parameter List Refer to Effect Parameter List	Depends on Variation Type	0											
		4C	2	00-7F 00-7F	VARIATION PARAMETER 6 MSB VARIATION PARAMETER 6 LSB	Refer to Effect Parameter List Refer to Effect Parameter List	Depends on Variation Type	0											
		4E	2	00-7F 00-7F	VARIATION PARAMETER 7 MSB VARIATION PARAMETER 7 LSB	Refer to Effect Parameter List Refer to Effect Parameter List	Depends on Variation Type	0											
		50	2	00-7F 00-7F	VARIATION PARAMETER 8 MSB VARIATION PARAMETER 8 LSB	Refer to Effect Parameter List Refer to Effect Parameter List	Depends on Variation Type	0											
		52	2	00-7F 00-7F	VARIATION PARAMETER 9 MSB VARIATION PARAMETER 9 LSB	Refer to Effect Parameter List Refer to Effect Parameter List	Depends on Variation Type	0											
		54	2	00-7F 00-7F	VARIATION PARAMETER 10 MSB VARIATION PARAMETER 10 LSB	Refer to Effect Parameter List Refer to Effect Parameter List	Depends on Variation Type	0											
		56	1	00-7F	VARIATION RETURN	--dB...0dB...+6dB(0...64...127)	40	0											
		57	1	01-7F	VARIATION PAN	L63...C...R63	40	0											X
		58	1	00-7F	SEND VARIATION TO REVERB	--dB...0dB...+6dB(0...64...127)	00	0											X
		59	1	00-7F	SEND VARIATION TO CHORUS	--dB...0dB...+6dB(0...64...127)	00	0											X
		5A	1	00-01	VARIATION CONNECTION	INSERTION, SYSTEM	00	0											
		5B	1	00-7F	VARIATION PART NUMBER	Reception: Part1...16(0...15) Transmission: Part1...16(0...15) AD(64) OFF(127)	7F	0											
		5C	1	00-7F	MW VARIATION CONTROL DEPTH	-64...0...+63	40	0											X
		5D	1	00-7F	BEND VARIATION CONTROL DEPTH	-64...0...+63	40	0											X
		5E	1	00-7F	CAT VARIATION CONTROL DEPTH	-64...0...+63	40	0											X
		5F	1	00-7F	AC1 VARIATION CONTROL DEPTH	-64...0...+63	40	0											X
		60	1	00-7F	AC2 VARIATION CONTROL DEPTH	-64...0...+63	40	0											X

TOTAL SIZE 21

02	01	70	1	00-7F	VARIATION PARAMETER 11	Refer to Effect Parameter List	Depends on Variation Type	○	○	●	○	○	○
		71	1	00-7F	VARIATION PARAMETER 12	Refer to Effect Parameter List	Depends on Variation Type	○	○	●	○	○	○
		72	1	00-7F	VARIATION PARAMETER 13	Refer to Effect Parameter List	Depends on Variation Type	○	○	●	○	○	○
		73	1	00-7F	VARIATION PARAMETER 14	Refer to Effect Parameter List	Depends on Variation Type	○	○	●	○	○	○
		74	1	00-7F	VARIATION PARAMETER 15	Refer to Effect Parameter List	Depends on Variation Type	○	○	●	○	○	○
		75	1	00-7F	VARIATION PARAMETER 16	Refer to Effect Parameter List	Depends on Variation Type	○	○	●	○	○	○

TOTAL SIZE 06

● : Transmitted via panel operations ○ : Available

MIDI Parameter Change table (MULTI EQ)

Address (H)	Size (H)	Data (H)	Parameter	Description * The MULTI EQ Parameter cannot be reset to its factory setting with XG SYSTEM ON.	[MIDI]						[Internal sequencer]						
					Voice	MIDI Reception			MIDI Transmission			PLAY		REC			
						Regular/ Drum/ Natural/ Organ Voice	Song	Right/ Right2/ Left	Keyboard	Style	Extra	Right1/ Right2/ Left	M.Pad	Style	Song	Upper Lower	PLAY
02	40	00	1	00-04	EQ TYPE	flat, jazz, pops, rock, classic	○	○	○	○	○	○	○	○	○	X	X
		01	1	34-4C	EQ GAIN1	-12...0...+12[dB]	○	○	○	○	○	●	○	○	○	X	X
		02	1	04-2B	EQ FREQUENCY1	32...2.0k[Hz]	○	○	○	○	○	●	○	○	○	X	X
		03	1	01-78	EQ Q1	0.1...12.0	○	○	○	○	○	○	○	○	○	X	X
		04	1	00-01	EQ SHAPE1	shelving, peaking	○	○	○	○	○	○	○	○	○	X	X
		05	1	34-4C	EQ GAIN2	-12...0...+12[dB]	○	○	○	○	○	●	○	○	○	X	X
		06	1	0E-36	EQ FREQUENCY2	100...10.0k[Hz]	○	○	○	○	○	●	○	○	○	X	X
		07	1	01-78	EQ Q2	0.1...12.0	○	○	○	○	○	○	○	○	○	X	X
		08	1		NOT USED	-	-	-	-	-	-	-	-	-	-	-	-
		09	1	34-4C	EQ GAIN3	-12...0...+12[dB]	○	○	○	○	○	●	○	○	○	X	X
		0A	1	0E-36	EQ FREQUENCY3	100...10.0k[Hz]	○	○	○	○	○	●	○	○	○	X	X
		0B	1	01-78	EQ Q3	0.1...12.0	○	○	○	○	○	○	○	○	○	X	X
		0C	1		NOT USED	-	-	-	-	-	-	-	-	-	-	-	-
		0D	1	34-4C	EQ GAIN4	-12...0...+12[dB]	○	○	○	○	○	●	○	○	○	X	X
		0E	1	0E-36	EQ FREQUENCY4	100...10.0k[Hz]	○	○	○	○	○	○	○	○	○	X	X
		0F	1	01-78	EQ Q4	0.1...12.0	○	○	○	○	○	○	○	○	○	X	X
		10	1		NOT USED	-	-	-	-	-	-	-	-	-	-	-	-
		11	1	34-4C	EQ GAIN5	-12...0...+12[dB]	○	○	○	○	○	○	○	○	○	X	X
		12	1	1C-3A	EQ FREQUENCY5	0.5k...16.0k[Hz]	○	○	○	○	○	○	○	○	○	X	X
		13	1	01-78	EQ Q5	0.1...12.0	○	○	○	○	○	○	○	○	○	X	X
		14	1	00-01	EQ SHAPE5	shelving, peaking	○	○	○	○	○	○	○	○	○	X	X

TOTAL SIZE 15

● : Transmitted via panel operations ○ : Available

		20	1	34 - 4C	EQ GAIN6	-12 - +12[dB]	○	○	○	○	○	○	○	○	○	X	X
		21	1	0E - 36	EQ FREQUENCY6	100-10.0[kHz]	○	○	○	○	○	○	○	○	○	X	X
		22	1	01 - 78	EQ Q6	0.1-12.0	○	○	○	○	○	○	○	○	○	X	X
		23	1		NOT USED	-	-	-	-	-	-	-	-	-	-	-	-
		24	1	34 - 4C	EQ GAIN7	-12 - +12[dB]	○	○	○	○	○	○	○	○	○	X	X
		25	1	0E - 36	EQ FREQUENCY7	100-10.0[kHz]	○	○	○	○	○	○	○	○	○	X	X
		26	1	01 - 78	EQ Q7	0.1-12.0	○	○	○	○	○	○	○	○	○	X	X
		27	1		NOT USED	-	-	-	-	-	-	-	-	-	-	-	-
		28	1	34 - 4C	EQ GAIN8	-12 - +12[dB]	○	○	○	○	○	○	○	○	○	X	X
		29	1	0E - 36	EQ FREQUENCY8	100-10.0[kHz]	○	○	○	○	○	○	○	○	○	X	X
		2A	1	01 - 78	EQ Q8	0.1-12.0	○	○	○	○	○	○	○	○	○	X	X
		2B	1		NOT USED	-	-	-	-	-	-	-	-	-	-	-	-
		2C	1	34 - 4C	EQ GAIN9	-12 - +12[dB]	○	○	○	○	○	○	○	○	○	X	X
		2D	1	0E - 36	EQ FREQUENCY9	100-10.0[kHz]	○	○	○	○	○	○	○	○	○	X	X
		2E	1	01 - 78	EQ Q9	0.1-12.0	○	○	○	○	○	○	○	○	○	X	X
		2F	1		NOT USED	-	-	-	-	-	-	-	-	-	-	-	-
		30	1	34 - 4C	EQ GAIN10	-12 - +12[dB]	○	○	○	○	○	○	○	○	○	X	X
		31	1	0E - 36	EQ FREQUENCY10	100-10.0[kHz]	○	○	○	○	○	○	○	○	○	X	X
		32	1	01 - 78	EQ Q10	0.1-12.0	○	○	○	○	○	○	○	○	○	X	X
		33	1		NOT USED	-	-	-	-	-	-	-	-	-	-	-	-

TOTAL SIZE 14

● : Transmitted via panel operations ○ : Available

MIDI Parameter Change table (EFFECT2)

Address (H)	Size (H)	Data (H)	Parameter	Description * The EFFECT2 Parameter cannot be reset to its factory setting with XG SYSTEM ON.	[MIDI]						[Internal sequencer]						
					Voice	MIDI Reception			MIDI Transmission			PLAY		REC			
						Regular/ Drum/ Natural/ Organ Voice	Song	Right/ Right2/ Left	Keyboard	Style	Extra	Right1/ Right2/ Left	M.Pad	Style	Song	Upper Lower	PLAY
03	n	00	2	00-7F	INSERTION EFFECT TYPE MSB	Refer to Effect Parameter List	○	○	○	○	○	○	○	○	○	○	○
		00-7F		INSERTION EFFECT TYPE LSB	Refer to Effect Parameter List	○	○	○	○	○	○	○	○	○	○	○	○
		02	1	00-7F	INSERTION EFFECT PARAMETER 1	Refer to Effect Parameter List	○	○	○	○	○	○	○	○	○	○	○
		03	1	00-7F	INSERTION EFFECT PARAMETER 2	Refer to Effect Parameter List	○	○	○	○	○	○	○	○	○	○	○
		04	1	00-7F	INSERTION EFFECT PARAMETER 3	Refer to Effect Parameter List	○	○	○	○	○	○	○	○	○	○	○
		05	1	00-7F	INSERTION EFFECT PARAMETER 4	Refer to Effect Parameter List	○	○	○	○	○	○	○	○	○	○	○
		06	1	00-7F	INSERTION EFFECT PARAMETER 5	Refer to Effect Parameter List	○	○	○	○	○	○	○	○	○	○	○

Address (H)	Size (H)	Data (H)	Parameter	Description * The EFFECT2 Parameter cannot be reset to its factory setting with XG SYSTEM ON.	[MIDI]										[Internal sequencer]			
					Voice	MIDI Reception					MIDI Transmission					PLAY		REC
						Regular/ Drum/ Natural/ Organ Voice	Song	Right/ Right2/ Left	Keyboard	Style	Extra	Right1/ Right2/ Left	M.Pad	Style	Song	Upper Lower	PLAY	REW
	07	1	00-7F	INSERTION EFFECT PARAMETER 6	Refer to Effect Parameter List	○			○				●			○	○	○
	08	1	00-7F	INSERTION EFFECT PARAMETER 7	Refer to Effect Parameter List	○			○				●			○	○	○
	09	1	00-7F	INSERTION EFFECT PARAMETER 8	Refer to Effect Parameter List	○			○				●			○	○	○
	0A	1	00-7F	INSERTION EFFECT PARAMETER 9	Refer to Effect Parameter List	○			○				●			○	○	○
	0B	1	00-7F	INSERTION EFFECT PARAMETER 10	Refer to Effect Parameter List	○			○				●			○	○	○
	0C	1	00-7F	INSERTION EFFECT PART NUMBER	Reception: Part1...16(0...15) Transmission: Part1...16(0...15) AD(64) OFF(127)	○			○				●			○	○	○
	0D	1	00-7F	MW INSERTION CONTROL DEPTH	-64...0...+63	○			○				○			○	○	X
	0E	1	00-7F	BEND INSERTION CONTROL DEPTH	-64...0...+63	○			○				○			○	○	X
	0F	1	00-7F	CAT INSERTION CONTROL DEPTH	-64...0...+63	○			○				○			○	○	X
	10	1	00-7F	AC1 INSERTION CONTROL DEPTH	-64...0...+63	○			○				○			○	○	X
	11	1	00-7F	AC2 INSERTION CONTROL DEPTH	-64...0...+63	○			○				○			○	○	○

TOTAL SIZE 12

	20	1	00-7F	INSERTION EFFECT PARAMETER 11	Refer to Effect Parameter List	○			○				●			○	○	○
	21	1	00-7F	INSERTION EFFECT PARAMETER 12	Refer to Effect Parameter List	○			○				●			○	○	○
	22	1	00-7F	INSERTION EFFECT PARAMETER 13	Refer to Effect Parameter List	○			○				●			○	○	○
	23	1	00-7F	INSERTION EFFECT PARAMETER 14	Refer to Effect Parameter List	○			○				●			○	○	○
	24	1	00-7F	INSERTION EFFECT PARAMETER 15	Refer to Effect Parameter List	○			○				●			○	○	○
	25	1	00-7F	INSERTION EFFECT PARAMETER 16	Refer to Effect Parameter List	○			○				●			○	○	○

TOTAL SIZE 6

	30	2	00-7F 00-7F	INSERTION EFFECT PARAMETER 1 MSB INSERTION EFFECT PARAMETER 1 LSB	Refer to Effect Parameter List Refer to Effect Parameter List	○			○				●			○	○	○
	32	2	00-7F 00-7F	INSERTION EFFECT PARAMETER 2 MSB INSERTION EFFECT PARAMETER 2 LSB	Refer to Effect Parameter List Refer to Effect Parameter List	○			○				●			○	○	○
	34	2	00-7F 00-7F	INSERTION EFFECT PARAMETER 3 MSB INSERTION EFFECT PARAMETER 3 LSB	Refer to Effect Parameter List Refer to Effect Parameter List	○			○				●			○	○	○
	36	2	00-7F 00-7F	INSERTION EFFECT PARAMETER 4 MSB INSERTION EFFECT PARAMETER 4 LSB	Refer to Effect Parameter List Refer to Effect Parameter List	○			○				●			○	○	○
	38	2	00-7F 00-7F	INSERTION EFFECT PARAMETER 5 MSB INSERTION EFFECT PARAMETER 5 LSB	Refer to Effect Parameter List Refer to Effect Parameter List	○			○				●			○	○	○
	3A	2	00-7F 00-7F	INSERTION EFFECT PARAMETER 6 MSB INSERTION EFFECT PARAMETER 6 LSB	Refer to Effect Parameter List Refer to Effect Parameter List	○			○				●			○	○	○
	3C	2	00-7F 00-7F	INSERTION EFFECT PARAMETER 7 MSB INSERTION EFFECT PARAMETER 7 LSB	Refer to Effect Parameter List Refer to Effect Parameter List	○			○				●			○	○	○
	3E	2	00-7F 00-7F	INSERTION EFFECT PARAMETER 8 MSB INSERTION EFFECT PARAMETER 8 LSB	Refer to Effect Parameter List Refer to Effect Parameter List	○			○				●			○	○	○
	40	2	00-7F 00-7F	INSERTION EFFECT PARAMETER 9 MSB INSERTION EFFECT PARAMETER 9 LSB	Refer to Effect Parameter List Refer to Effect Parameter List	○			○				●			○	○	○
	42	2	00-7F 00-7F	INSERTION EFFECT PARAMETER 10 MSB INSERTION EFFECT PARAMETER 10 LSB	Refer to Effect Parameter List Refer to Effect Parameter List	○			○				●			○	○	○

TOTAL SIZE 14

● : Transmitted via panel operations ○ : Available

The second byte of the address is considered as an Insertion effect number.

n : insertion effect number (n = 0-2)

For effect types that do not require MSB, the Parameters for Address 02-0B will be received and the Parameters for Address 30-42 will not be received.

For effect types that require MSB, the Parameters for Address 30-42 will be received and the Parameters for Address 02-0B will not be received.

Type MSB of the effect types that require Parameter MSB are: 5, 6, 7, 8, 95, 96, 97, 98, 104.

When Bulk Dumps that include Effect Type data are transmitted, the Parameters for Address 02-0B will always be transmitted. But, effects that require MSB, when the bulk dump is received the Parameters for Address 02-0B will not be received.

MIDI Parameter Change table (DRUM SETUP)

Address (H)		Size (H)	Data (H)	Parameter	Description	XG Default (H)	Voice	[MIDI]					[Internal sequencer]							
								MIDI Reception					MIDI Transmission					PLAY		REC
								Song	Right/ Right2/ Left	Keyboard	Style	Extra	Right/ Right2/ Left	M.Pad	Style	Song	Upper Lower	PLAY	REW	From panel (Right1/ Right2/ Left)
Regular/ Drum/ Natural/ Organ Voice																				
3n	rr	00	1	00-7F	PITCH COARSE	-64...0...+63	40	0 (Drum Only)		0 (Available only for song parts)					0	X	X			
		01	1	00-7F	PITCH FINE	-64...0...+63[cent]	40	0 (Drum Only)		0 (Available only for song parts)					0	X	X			
		02	1	00-7F	LEVEL	0...127	Depends on the note	0 (Drum Only)		0 (Available only for song parts)					0	X	X			
		03	1	00-7F	ALTERNATE GROUP	OFF, 1...127	Depends on the note	0 (Drum Only)		0 (Available only for song parts)					0	X	X			
		04	1	00-7F	PAN	RND, L63...C...R63	Depends on the note	0 (Drum Only)		0 (Available only for song parts)					0	X	X			
		05	1	00-7F	REVERB SEND	0...127	Depends on the note	0 (Drum Only)		0 (Available only for song parts)					0	X	X			
		06	1	00-7F	CHORUS SEND	0...127	Depends on the note	0 (Drum Only)		0 (Available only for song parts)					0	X	X			
		07	1	00-7F	VARIATION SEND	0...127	7F	0 (Drum Only)		0 (Available only for song parts)					0	X	X			
		08	1	00-01	KEY ASSIGN	SINGLE, MULTI	00	0 (Drum Only)		0 (Available only for song parts)					0	X	X			
		09	1	00-01	Rcv NOTE OFF	OFF, ON	Depends on the note	0 (Drum Only)		0 (Available only for song parts)					0	X	X			
		0A	1	00-01	Rcv NOTE ON	OFF, ON	01	0 (Drum Only)		0 (Available only for song parts)					0	X	X			
		0B	1	00-7F	LOW PASS FILTER CUTOFF FREQUENCY	-64...0...+63	40	0 (Drum Only)		0 (Available only for song parts)					0	X	X			
		0C	1	00-7F	LOW PASS FILTER RESONANCE	-64...0...+63	40	0 (Drum Only)		0 (Available only for song parts)					0	X	X			
		0D	1	00-7F	EG ATTACK RATE	-64...0...+63	40	0 (Drum Only)		0 (Available only for song parts)					0	X	X			
		0E	1	00-7F	EG DECAY1 RATE	-64...0...+63	40	0 (Drum Only)		0 (Available only for song parts)					0	X	X			
		0F	1	00-7F	EG DECAY2 RATE	-64...0...+63	40	0 (Drum Only)		0 (Available only for song parts)					0	X	X			
TOTAL SIZE						10														

		20	1	00-7F	EQ BASS GAIN	-12...+12[dB]	40	X		X				0		X	X	X
		21	1	00-7F	EQ TREBLE GAIN	-12...+12[dB]	40	X		X				0		X	X	X
		22	1		NOT USED		-	-		-				-	-	-	-	-
		23	1		NOT USED		-	-		-				-	-	-	-	-
		24	1	04-2B	EQ BASS FREQUENCY	32...2.0k[Hz]	0C	X		X				0		X	X	X
		25	1	1C-3A	EQ TREBLE FREQUENCY	500...16.0k[Hz]	36	X		X				0		X	X	X
		26	1		NOT USED		-	-		-				-	-	-	-	-
		27	1		NOT USED		-	-		-				-	-	-	-	-
		28	1		NOT USED		-	-		-				-	-	-	-	-
		29	1		NOT USED		-	-		-				-	-	-	-	-
		2A	1		NOT USED		-	-		-				-	-	-	-	-
		2B	1		NOT USED		-	-		-				-	-	-	-	-
		2C	1		NOT USED		-	-		-				-	-	-	-	-
		2D	1		NOT USED		-	-		-				-	-	-	-	-
TOTAL SIZE						0E												

		70	4	00-7F	SOURCE DRUM KIT (Bank Select MSB)	0...127	Depends on the note	0 (Drum Only)		0 (Available only for song parts)				0		X	X	X
				00-7F	SOURCE DRUM KIT (Bank Select LSB)	0...127	Depends on the note	0 (Drum Only)		0 (Available only for song parts)				0		X	X	X
				00-7F	SOURCE DRUM KIT (Program Number)	0...127	Depends on the note	0 (Drum Only)		0 (Available only for song parts)				0		X	X	X
				0D-5B	SOURCE DRUM KIT (Note Number)	C-1...G5	Depends on the note	0 (Drum Only)		0 (Available only for song parts)				0		X	X	X
TOTAL SIZE						04												

n: Drum Setup Number (0-1)
rr: note number(0D-5B)

- In the following cases, the instrument will initialize all Drum Setups.
- XG SYSTEM ON received
 - GM SYSTEM ON received
 - GM LEVEL2 SYSTEM ON received
 - GS RESET received
 - DRUM SETUP RESET received (only when in XG mode)

[Note]

When a part to which a Drum Setup is assigned receives a program change, the assigned Drum Setup will be initialized.
If the same Drum Setup is assigned to two or more parts, changes in Drum Setup parameters (including program changes) will apply to all parts to which it is assigned.

System Exclusive Messages (1)

[GM1]...GM Required Parameter
 [GM2]...GM Level2 Required Parameter

- Not received when Receive System Exclusive Message Parameters is set to off.
- Not transmitted when Transmit System Exclusive Message Parameters is set to off.

System Exclusive Messages (Universal Real Time Messages)

MIDI Event	Data Format	[MIDI]											[Internal sequencer]																				
		Voice	MIDI Reception					MIDI Transmission					PLAY		REC																		
			Regular/ Drum/ Natural/ Organ Voice	Song	Right1/ Right2/ Left	Keyboard	Style	Extra	Right1/ Right2/ Left	M.Pad	Style	Song	Upper Lower	PLAY	REW	From panel (Right1/ Right2/ Left)																	
Master Volume [GM2]	F0 7F XN 04 01 SS TT F7 11110000 F0 = Exclusive status 01111111 7F = Universal Real Time 0xxxxnnn XN = When N is received N=0-F,whichever is received. X=ignored 00000100 04 = Sub-ID #1=Device Control Message 00000001 01 = Sub-ID #2=Master Volume 0sssssss SS = Volume LSB 0ttttttt TT = Volume MSB 11110111 F7 = End of Exclusive	0											0	0	X																		
Master Fine Tuning [GM2]	F0 7F XN 04 03 SS TT F7 11110000 F0 = Exclusive status 01111111 7F = Universal Real Time 0xxxxnnn XN = When N is received N=0-F,whichever is received. X=ignored 00000100 04 = Sub-ID #1=Device Control Message 00000011 03 = Sub-ID #2=Master Fine Tuning 0sssssss SS = Fine Tuning LSB 0ttttttt TT = Fine Tuning MSB 11110111 F7 = End of Exclusive	0											0	X	X																		
Master Coarse Tuning [GM2]	F0 7F XN 04 04 00 TT F7 11110000 F0 = Exclusive status 01111111 7F = Universal Real Time 0xxxxnnn XN = When N is received N=0-F,whichever is received. X=ignored 00000100 04 = Sub-ID #1=Device Control Message 00000100 04 = Sub-ID #2=Master Coarse Tuning 00000000 00 0ttttttt TT = Coarse Tuning MSB 11110111 F7 = End of Exclusive	0											0	X	X																		
Reverb Parameter [GM2]	F0 7F XN 04 05 01 01 01 01 PP VV ... F7 11110000 F0 = Exclusive status 01111111 7F = Universal Real Time 0xxxxnnn XN = When N is received N=0-F,whichever is received. X=ignored 00000100 04 = Sub-ID #1=Device Control Message 00000101 05 = Sub-ID #2=Global Parameter Control 00000001 01 = Slot path length = 1 00000001 01 = Parameter ID width = 1 00000001 01 = Value width = 1 00000001 01 = Slot path MSB = 1 00000001 01 = Slot path LSB = 1 (Reverb) 0ppppppp PP = Parameter to be controlled. 0vvvvvvv VV = Value for the Parameter. : : 11110111 F7 = End of Exclusive <table border="0"> <tr> <td>Parameter(pp)</td> <td>Value(vv)</td> <td>Display</td> </tr> <tr> <td>pp=0 Reverb</td> <td>Type0..8</td> <td>0:RoomS 1:RoomM 2:RoomL 3:HallM 4:HallL(default) 8:GM Plate</td> </tr> <tr> <td>pp=1 Reverb</td> <td>Time0..127</td> <td>0..11.0s</td> </tr> </table>	Parameter(pp)	Value(vv)	Display	pp=0 Reverb	Type0..8	0:RoomS 1:RoomM 2:RoomL 3:HallM 4:HallL(default) 8:GM Plate	pp=1 Reverb	Time0..127	0..11.0s	0										0	0	X										
Parameter(pp)	Value(vv)	Display																															
pp=0 Reverb	Type0..8	0:RoomS 1:RoomM 2:RoomL 3:HallM 4:HallL(default) 8:GM Plate																															
pp=1 Reverb	Time0..127	0..11.0s																															
Chorus Parameter [GM2]	F0 7F XN 04 05 01 01 01 02 PP VV ... F7 11110000 F0 = Exclusive status 01111111 7F = Universal Real Time 0xxxxnnn XN = When N is received N=0-F,whichever is received. X=ignored 00000100 04 = Sub-ID #1=Device Control Message 00000101 05 = Sub-ID #2=Global Parameter Control 00000001 01 = Slot path length = 1 00000001 01 = Parameter ID width = 1 00000001 01 = Value width = 1 00000001 01 = Slot path MSB = 1 00000010 02 = Slot path LSB = 2 (Chorus) 0ppppppp PP = Parameter to be controlled. 0vvvvvvv VV = Value for the Parameter. : : 11110111 F7 = End of Exclusive <table border="0"> <tr> <td>Parameter(pp)</td> <td>Value(vv)</td> <td>Display</td> </tr> <tr> <td>pp=0 Chorus</td> <td>Type0..5</td> <td>0:GM Chorus1 1:GM Chorus2 2:GM Chorus3(default) 3:GM Chorus4 4:FB Chorus 5:GM Flanger</td> </tr> <tr> <td>pp=1 Mod Rate</td> <td>0..127</td> <td>0..15.5Hz</td> </tr> <tr> <td>pp=2 Mod Depth</td> <td>0..127</td> <td></td> </tr> <tr> <td>pp=3 Feedback</td> <td>0..127</td> <td></td> </tr> <tr> <td>pp=4 Send to Reverb</td> <td>0..127</td> <td></td> </tr> </table>	Parameter(pp)	Value(vv)	Display	pp=0 Chorus	Type0..5	0:GM Chorus1 1:GM Chorus2 2:GM Chorus3(default) 3:GM Chorus4 4:FB Chorus 5:GM Flanger	pp=1 Mod Rate	0..127	0..15.5Hz	pp=2 Mod Depth	0..127		pp=3 Feedback	0..127		pp=4 Send to Reverb	0..127		0											0	0	X
Parameter(pp)	Value(vv)	Display																															
pp=0 Chorus	Type0..5	0:GM Chorus1 1:GM Chorus2 2:GM Chorus3(default) 3:GM Chorus4 4:FB Chorus 5:GM Flanger																															
pp=1 Mod Rate	0..127	0..15.5Hz																															
pp=2 Mod Depth	0..127																																
pp=3 Feedback	0..127																																
pp=4 Send to Reverb	0..127																																

MIDI Event	Data Format	[MIDI]											[Internal sequencer]																														
		Voice	MIDI Reception					MIDI Transmission					PLAY	REC																													
		Regular/ Drum/ Natural/ Organ Voice	Song	Right1/ Right2/ Left	Keyboard	Style	Extra	Right1/ Right2/ Left	M.Pad	Style	Song	Upper Lower	PLAY	REW	From panel (Right1/ Right2/ Left)																												
Channel Pressure (Aftertouch) [GM2]	<p>F0 7F XN 09 01 0M PP RR ... F7</p> <p>11110000 F0 = Exclusive status 01111111 7F = Universal Real Time 0xxxxnnn XN = When N is received N=0-F,whichever is received. X=ignored 00001001 09 = Sub-ID #1=Controller Destination Setting 00000001 01 = Sub-ID #2=Controller Type:01(Channel Pressure) 0000mmmm OM = MIDI Channel (00-0F) 0pppppppp PP = Controlled Parameter 0rrrrrrr RR = Data : : 11110111 F7 = End of Exclusive</p> <p>Make sure to set both the controlled parameter and the range. Parameters not set will be restored to their default values.</p> <table border="1"> <thead> <tr> <th>Control Parameter(pp)</th> <th>Data(RR)</th> <th>Description</th> <th>Default Value</th> </tr> </thead> <tbody> <tr> <td>pp=00 Pitch Control</td> <td>28H-58H</td> <td>-24...0...+24semitones</td> <td>40H</td> </tr> <tr> <td>pp=01 Filter Cutoff Control</td> <td>00H-7FH</td> <td>-9600...0...+9450cents</td> <td>40H</td> </tr> <tr> <td>pp=02 Amplitude Control</td> <td>00H-7FH</td> <td>-100...0...+100%</td> <td>40H</td> </tr> <tr> <td>pp=03 LFO Pitch Depth</td> <td>00H-7FH</td> <td>0...127</td> <td>00H</td> </tr> <tr> <td>pp=04 LFO Filter Depth</td> <td>00H-7FH</td> <td>0...127</td> <td>00H</td> </tr> <tr> <td>pp=05 LFO Amplitude Depth</td> <td>00H-7FH</td> <td>0...127</td> <td>00H</td> </tr> </tbody> </table>	Control Parameter(pp)	Data(RR)	Description	Default Value	pp=00 Pitch Control	28H-58H	-24...0...+24semitones	40H	pp=01 Filter Cutoff Control	00H-7FH	-9600...0...+9450cents	40H	pp=02 Amplitude Control	00H-7FH	-100...0...+100%	40H	pp=03 LFO Pitch Depth	00H-7FH	0...127	00H	pp=04 LFO Filter Depth	00H-7FH	0...127	00H	pp=05 LFO Amplitude Depth	00H-7FH	0...127	00H	O	O	X	X	X	X	X	X	X	O	X	O	X	X
Control Parameter(pp)	Data(RR)	Description	Default Value																																								
pp=00 Pitch Control	28H-58H	-24...0...+24semitones	40H																																								
pp=01 Filter Cutoff Control	00H-7FH	-9600...0...+9450cents	40H																																								
pp=02 Amplitude Control	00H-7FH	-100...0...+100%	40H																																								
pp=03 LFO Pitch Depth	00H-7FH	0...127	00H																																								
pp=04 LFO Filter Depth	00H-7FH	0...127	00H																																								
pp=05 LFO Amplitude Depth	00H-7FH	0...127	00H																																								
Controller (Control Change) [GM2]	<p>F0 7F XN 09 03 0M CC PP RR ... F7</p> <p>11110000 F0 = Exclusive status 01111111 7F = Universal Real Time 0xxxxnnn XN = When N is received N=0-F,whichever is received. X=ignored 00001001 09 = Sub-ID #1=Controller Destination Setting 00000011 03 = Sub-ID #2=Controller Type:03(Control Change) 0000mmmm OM = MIDI Channel (00-0F) 0ccccccc CC = Controller Number (01H-1FH, 40H-5FH) 0pppppppp PP = Controlled Parameter 0rrrrrrr RR = Range : : 11110111 F7 = End of Exclusive</p> <p>Make sure to set both the controlled parameter and the range. Parameters not set will be restored to their default values.</p> <table border="1"> <thead> <tr> <th>Control Parameter(pp)</th> <th>Data(RR)</th> <th>Description</th> <th>Default Value</th> </tr> </thead> <tbody> <tr> <td>pp=00 Pitch Control</td> <td>28H-58H</td> <td>-24...0...+24semitones</td> <td>40H</td> </tr> <tr> <td>pp=01 Filter Cutoff Control</td> <td>00H-7FH</td> <td>-9600...0...+9450cents</td> <td>40H</td> </tr> <tr> <td>pp=02 Amplitude Control</td> <td>00H-7FH</td> <td>-100...0...+100%</td> <td>40H</td> </tr> <tr> <td>pp=03 LFO Pitch Depth</td> <td>00H-7FH</td> <td>0...127</td> <td>00H</td> </tr> <tr> <td>pp=04 LFO Filter Depth</td> <td>00H-7FH</td> <td>0...127</td> <td>00H</td> </tr> <tr> <td>pp=05 LFO Amplitude Depth</td> <td>00H-7FH</td> <td>0...127</td> <td>00H</td> </tr> </tbody> </table>	Control Parameter(pp)	Data(RR)	Description	Default Value	pp=00 Pitch Control	28H-58H	-24...0...+24semitones	40H	pp=01 Filter Cutoff Control	00H-7FH	-9600...0...+9450cents	40H	pp=02 Amplitude Control	00H-7FH	-100...0...+100%	40H	pp=03 LFO Pitch Depth	00H-7FH	0...127	00H	pp=04 LFO Filter Depth	00H-7FH	0...127	00H	pp=05 LFO Amplitude Depth	00H-7FH	0...127	00H	O	O	X	X	X	X	X	X	X	O	X	O	X	X
Control Parameter(pp)	Data(RR)	Description	Default Value																																								
pp=00 Pitch Control	28H-58H	-24...0...+24semitones	40H																																								
pp=01 Filter Cutoff Control	00H-7FH	-9600...0...+9450cents	40H																																								
pp=02 Amplitude Control	00H-7FH	-100...0...+100%	40H																																								
pp=03 LFO Pitch Depth	00H-7FH	0...127	00H																																								
pp=04 LFO Filter Depth	00H-7FH	0...127	00H																																								
pp=05 LFO Amplitude Depth	00H-7FH	0...127	00H																																								
Key-Based Instrument Control [GM2]	<p>F0 7F XN 0A 01 0M KK CC VV ... F7</p> <p>11110000 F0 = Exclusive status 01111111 7F = Universal Real Time 0xxxxnnn XN = When N is received N=0-F,whichever is received. X=ignored 00001010 0A = Sub-ID #1=Key-Based Instrument Control 00000001 01 = Sub-ID #2=Controller 0000mmmm OM = MIDI Channel (00-0F) 0kkkkkkk KK = Key Number 0ccccccc CC = Controller Number 0vvvvvvv VV = Value : : 11110111 F7 = End of Exclusive</p> <p>Make sure to set both the controlled number and the value.</p> <table border="1"> <thead> <tr> <th>Control Number(CC)</th> <th>Value(VV)</th> <th>Description</th> <th>Default Value</th> </tr> </thead> <tbody> <tr> <td>CC=07H Volume</td> <td>00H-7FH</td> <td>-100...0...+100%</td> <td>40H</td> </tr> <tr> <td>CC=0AH Pan</td> <td>00H-7FH</td> <td>L63...C...R63 (absolute)</td> <td>(Preset value)</td> </tr> <tr> <td>CC=5BH Reverb Send Level</td> <td>00H-7FH</td> <td>0...Max (absolute)</td> <td>(Preset value)</td> </tr> <tr> <td>CC=5DH Chorus Send Level</td> <td>00H-7FH</td> <td>0...Max (absolute)</td> <td>(Preset value)</td> </tr> </tbody> </table>	Control Number(CC)	Value(VV)	Description	Default Value	CC=07H Volume	00H-7FH	-100...0...+100%	40H	CC=0AH Pan	00H-7FH	L63...C...R63 (absolute)	(Preset value)	CC=5BH Reverb Send Level	00H-7FH	0...Max (absolute)	(Preset value)	CC=5DH Chorus Send Level	00H-7FH	0...Max (absolute)	(Preset value)	O (Drum Only)	O	X	X	X	X	X	X	X	O	X	O	X	X								
Control Number(CC)	Value(VV)	Description	Default Value																																								
CC=07H Volume	00H-7FH	-100...0...+100%	40H																																								
CC=0AH Pan	00H-7FH	L63...C...R63 (absolute)	(Preset value)																																								
CC=5BH Reverb Send Level	00H-7FH	0...Max (absolute)	(Preset value)																																								
CC=5DH Chorus Send Level	00H-7FH	0...Max (absolute)	(Preset value)																																								

System Exclusive Messages (Universal Non-Real Time Messages)

MIDI Event	Data Format	[MIDI]										[Internal sequencer]			
		Voice	MIDI Reception					MIDI Transmission					PLAY		REC
		Regular/ Drum/ Natural/ Organ Voice	Song	Right1/ Right2/ Left	Keyboard	Style	Extra	Right1/ Right2/ Left	M.Pad	Style	Song	Upper Lower	PLAY	REW	From panel (Right1/ Right2/ Left)
GM1 System On [GM1][GM2]	F0 7E XN 09 01 F7 11110000 F0 = Exclusive status 01111110 7E = Universal Non-Real Time 0xxxxnnn XN = When N is received N=0-F,whichever is received. X=ignored 00001001 09 = Sub-ID #1=General MIDI Message 00000001 01 = Sub-ID #2=General MIDI On 11110111 F7 = End of Exclusive	0	0 (Available for extra parts and Song)					0					0	X	0
GM2 System On [GM2]	F0 7E XN 09 03 F7 11110000 F0 = Exclusive status 01111110 7E = Universal Non-Real Time 0xxxxnnn XN = When N is received N=0-F,whichever is received. X=ignored 00001001 09 = Sub-ID #1=General MIDI Message 00000011 03 = Sub-ID #2=General MIDI2 On 11110111 F7 = End of Exclusive	0	0 (Available for extra parts and Song)					0					0	X	X
General MIDI System Off [GM1][GM2]	F0 7E XN 09 02 F7 11110000 F0 = Exclusive status 01111110 7E = Universal Non-Real Time 0xxxxnnn XN = When N is received N=0-F,whichever is received. X=ignored 00001001 09 = Sub-ID #1=General MIDI Message 00000010 02 = Sub-ID #2=General MIDI Off 11110111 F7 = End of Exclusive	0	0 (Available for extra parts and Song)					0					0	X	X
Scale/Octave Tuning [GM2]	F0 7E XN 08 08 JJ GG MM SS ... F7 11110000 F0 = Exclusive status 01111110 7E = Universal Non-Real Time 0xxxxnnn XN = When N is received N=0-F,whichever is received. X=ignored 00001000 08 = Sub-ID #1=MIDI Tuning Standard 00001000 08 = Sub-ID #2=scale/octave tuning 1byte form 0jjjjjjj JJ = Channel/option byte1 bits 0 to 1 = channel 15 to 16 bits 2 to 6 = reserved 0ggggggg GG = Channel byte2 - bits0 to 6 = channel 8 to 14 0mmmmmmmm MM = Channel byte2 - bits0 to 6 = channel 1 to 7 0sssssss SS = 12byte tuning offset of 12 semitones from C to B 00H means -64cent 40H means 0cent 7FH means +63cent : : 11110111 F7 = End of Exclusive	0	0 (Available for extra parts and Song)					0					0	X	X

System Exclusive Messages (2)

- Not received when Receive System Exclusive Message Parameters is set to off.
- Not transmitted when Transmit System Exclusive Message Parameters is set to off.

System Exclusive Messages (Style)

[MIDI]

MIDI Event	Data Format	Voice										
		Regular/ Drum/ Natural/ Organ Voice	Song	Right1/ Right2/ Left	Keyboard	Style	Extra	Right1/ Right2/ Left	M.Pad	Style	Song	Upper Lower
Section Control	<p>F0 43 7E 00 ss dd F7</p> <p>11110000 F0 = Exclusive status 01000011 43 = YAMAHA ID 01111110 7E = Style 00000000 00 = 0sssssss ss = Switch No.</p> <p>00H INTRO 1 01H INTRO 2 02H INTRO 3 03H INTRO 4 08H MAIN A 09H MAIN B 0AH MAIN C 0BH MAIN D 10H FILL IN AA 11H FILL IN BB 12H FILL IN CC 13H FILL IN DD 18H BREAK FILL 20H ENDING 1 21H ENDING 2 22H ENDING 3 23H ENDING 4</p> <p>0ddddd dd = Switch On/Off 00H(Off) 7FH(On)</p> <p>11110111 F7 = End of Exclusive</p>	-										•
Tempo Control	<p>F0 43 7E 01 t4 t3 t2 t1 F7</p> <p>11110000 F0 = Exclusive status 01000011 43 = YAMAHA ID 01111110 7E = Style 00000001 01 = 0ttttttt t4 = tempo4 0ttttttt t3 = tempo3 0ttttttt t2 = tempo2 0ttttttt t1 = tempo1</p> <p>11110111</p>	-										•
Chord Control	<p>F0 43 7E tt d1 d2 d3 d4 F7</p> <p>Type1 (tt=02)</p> <p>11110000 F0 = Exclusive status 01000011 43 = YAMAHA ID 01111110 7E = Style 00000010 02 = type 1 0ddddd d1 = chord root(cr) 0ddddd d2 = chord type(ct) 0ddddd d3 = bass note(bn) 0ddddd d4 = bass type(bt) 11110111 F7 = End of Exclusive</p> <p>cr : Chord Root 0fffnnnn fff: b or #, nnnn: note(root) 000nnnn 0n bbb 0fff0000 x0 reserved 0001nnnn 1n bb 0fff0001 x1 C 0010nnnn 2n b 0fff0010 x2 D 0011nnnn 3n natural 0fff0011 x3 E 0100nnnn 4n # 0fff0100 x4 F 0101nnnn 5n ## 0fff0101 x5 G 0110nnnn 6n ### 0fff0110 x6 A 0fff0111 x7 B</p> <p>ct : Chord Type 0 - 34,127 0000000 00 0 Maj 00010010 12 18 dim7 0000001 01 1 Maj6 00010011 13 19 7th 0000010 02 2 Maj7 00010100 14 20 7sus4 0000011 03 3 Maj7(#11) 00010101 15 21 7b5 0000100 04 4 Maj(9) 00010110 16 22 7(9) 0000101 05 5 Maj7(9) 00010111 17 23 7(#11) 0000110 06 6 Maj6(9) 00011000 18 24 7(13) 0000111 07 7 aug 00011001 19 25 7(b9) 0001000 08 8 min 00011010 1A 26 7(b13) 0001001 09 9 min6 00011011 1B 27 7(#9) 0001010 0A 11 min7 00011100 1C 28 Maj7aug 0001011 0B 11 min7b5 00011101 1D 29 7aug 0001100 0C 12 min(9) 00011110 1E 30 1+8 0001101 0D 13 min7(9) 00011111 1F 31 1+5 0001110 0E 14 min7(11) 00100000 20 32 sus4 0001111 0F 15 minMaj7 00100001 21 33 1+2+5 0001000 10 16 minMaj7(9) 00100010 22 34 cc 0001001 11 17 dim</p> <p>bn : On Bass Note Same as Chord root 127.No bass chord bt : Bass Chord Same as Chord type 127.No bass chord</p> <p>* Not received when Receive Chord System Exclusive Message Parameters is set to off. * Not transmitted when Transmit Chord System Exclusive Message Parameters is set to off.</p>	-										•
	<p>Type2 (tt=03)</p> <p>11110000 F0 = Exclusive status 01000011 43 = YAMAHA ID 01111110 7E = Style 00000011 03 = type 2 0ddddd dd = note1 0ddddd dd = note2 0ddddd dd = note3 : : 0ddddd dd = note10 11110111 F7 = End of Exclusive</p>	-										X

• : Transmitted via panel operations ○ : Available

System Exclusive Messages (XG)

(MIDI)

MIDI Event	Data Format	Voice	MIDI Reception					MIDI Transmission					
			Regular/ Drum/ Natural/ Organ Voice	Song	Right/ Right/ Left	Keyboard	Style	Extra	Right1/ Right2/ Left	M.Pad	Style	Song	Upper Lower
XG Parameter Changes	F0 43 1n 4C hh mm ll dd ... F7 11110000 F0 = Exclusive status 01000011 43 = YAMAHA ID 0001nnnn 1n = Device Number n=always 0(when transmit), n=0-F(when receive) 01001100 4C = Model ID 0hhhhhhh hh = Address High 0mmmmmmm mm = Address Mid 0llllllll ll = Address Low 0ddddd dd = Data : : 11110111 F7 = End of Exclusive	* Refer to XG Parameter Change Table.		O						O			
XG Bulk Dump	F0 43 0n 4C aa bb hh mm ll dd ... dd cc F7 11110000 F0 = Exclusive status 01000011 43 = YAMAHA ID 0000nnnn 0n = Device Number n=always 0(when transmit), n=0-F(when receive) 01001100 4C = Model ID 0aaaaaaaa aa = Byte Count MSB 0bbbbbbb bb = Byte Count LSB 0hhhhhhh hh = Address High 0mmmmmmm mm = Address Mid 0llllllll ll = Address Low 0ddddd dd = Data : : 0ddddd dd = Data 0ccccccc cc = Checksum 11110111 F7 = End of Exclusive	* Refer to XG Parameter Change Table.		O						O			
XG Parameter Request	F0 43 3n 4C hh mm ll F7 11110000 F0 = Exclusive status 01000011 43 = YAMAHA ID 0011nnnn 3n = Device Number n=always 0(when transmit), n=0-F(when receive) 01001100 4C = Model ID 0hhhhhhh hh = Address High 0mmmmmmm mm = Address Mid 0llllllll ll = Address Low 11110111 F7 = End of Exclusive	-		O						O			
XG Dump Request	F0 43 2n 4C hh mm ll F7 11110000 F0 = Exclusive status 01000011 43 = YAMAHA ID 0010nnnn 2n = Device Number n=always 0(when transmit), n=0-F(when receive) 01001100 4C = Model ID 0hhhhhhh hh = Address High 0mmmmmmm mm = Address Mid 0llllllll ll = Address Low 11110111 F7 = End of Exclusive	-		O						O			

System Exclusive Messages (Others)

11110000	F0 = Exclusive status
01000011	43 = YAMAHA ID
01110011	73 = Clavinova ID
:	:
11110111	F7 = End of Exclusive

[MIDI]

MIDI Event	Data Format	Voice	MIDI Reception					MIDI Transmission					
			Regular/ Drum/ Natural/ Organ Voice	Song	Right1/ Right2/ Left	Keyboard	Style	Extra	Right1/ Right2/ Left	M.Pad	Style	Song	Upper Lower
Internal Clock (Clavinova compliance)	F0 43 73 01 02 F7 00000001 01 = Model ID (Clavinova common ID) 00000010 02 = Internal Clock Substatus	-			O							X	
External Clock (Clavinova compliance)	F0 43 73 01 03 F7 00000001 01 = Model ID (Clavinova common ID) 00000011 03 = External Clock Substatus	-			O							X	
Organ Flutes data Bulk Dump (Clavinova compliance)	F0 43 73 01 06 0B 00 00 01 06 0n [Bulk Data] sum F7 01H Model ID (Clavinova common ID) 06H Bulk ID 0BH Bulk No. (Organ Flutes data Bulk Dump) 00H,00H,01H,06H Data Length :16bytes 1st Channel No. 0nH 2nd Footage [1] 00 - 08H 3rd [1 1/3] 00 - 08H 4th [1 3/5] 00 - 08H 5th [2] 00 - 08H 6th [2 2/3] 00 - 08H 7th [4] 00 - 08H 8th [5 1/3] 00 - 08H 9th [8] 00 - 08H 10th [16] 00 - 08H 11th [Attack 2] 00 - 08H 12th [Attack 2 2/3] 00 - 08H 13th [Attack 4] 00 - 08H 14th Settings [Attack Length] 00 - 08H 15th [Response] 00 - 08H 16th [Attack Mode] 00 - 01H 00H: Each, 01H: First 17th [Wave Variation] 00 - 02H 00H: Sine, 01H: Vintage, 02H Euro 18th [Volume] 01 - 09H 19th [aux] 00H 20th [aux] 00H 21th [aux] 00H 22th [aux] 00H sum Check Sum = 0-sum(BULK DATA) Wave Variation: Euro	O (Organ Flute)	O	O	X	X	O	●	X	X	O	X	
Display open/close (Clavinova compliance)	F0 43 73 01 51 00 00 02 05 A1 A2 A3 A4 dd F7 00000001 01 = Model ID (Clavinova common ID) 01010001 51 = PK/CL common variable length data 00000000 00 = 00000000 00 = Panel 00000001 02 = Display open/close 00000011 05 = Size A1 = Display address1 A2 = Display address2 A3 = Display address3 A4 = Display address4 dd = 00 → Display is opened at the time of starting and closed at the time of stopping. * This message is effective only for playback from an internal sequencer. Display address Score display Lyrics display A1 00H 00H A2 00H 00H A3 00H 01H A4 00H 00H	X			X							X	
MIDI Master Tuning	F0 43 1n 27 30 00 00 0m 0l cc F7 11110000 F0 = Exclusive status 01000011 43 = YAMAHA ID 0001nnnn 1n n= always 0(when transmit), n=0-F(when receive) 00100111 27 = Model ID of TG100 00110000 30 = Address High 00000000 00 = Address Mid 00000000 00 = Address Low 0000mmmm 0m = Master Tune MSB 00001111 0l = Master Tune LSB 0ccccccc cc = don't care 11110111 F7 = End of Exclusive	O			O							X	
Guide ON	F0 43 73 01 1F 00 cc dd F7 00000001 01 = Model ID (Clavinova common ID) 00011111 1F = Guide On Substatus 00000000 00 = 0ccccccc cc = Part Select Number (1/Right, 2/Left) cc 1/Right 2/Left 00 On On 01 Off On 02 On Off 03 Off Off 0ddddd dd = Mode 00:Off, 01:Follow Lights, 02:Any Key, 03:Karao Key, 04:Vocal Cue Time 06=YourTempo 11110111 F7 = End of Exclusive	-			O							X	

● : Transmitted via panel operations O : Available

Song System Exclusive Message List / Liste der System-Exclusive-Meldungen der Songs / Liste des messages exclusifs au système de morceaux / Lista de mensajes exclusivos del sistema de canciones

Data Format	Parameter	Description	Note
-------------	-----------	-------------	------

Guide

FO 43 73 01 1F 00 cc dd F7	Guide Mode	ccH = Part Select No 00H (TRACK1=ON, TRACK2=ON) 01H (TRACK1=OFF, TRACK2=ON) 02H (TRACK1=ON, TRACK2=OFF) 03H (TRACK1=OFF, TRACK2=OFF) ddH = Mode 00H=Guide OFF 01H=Follow Lights 02H=Any Key 03H=Karao-Key 06=Your Tempo	Entered to the song from the [SONG CREATOR] → SETUP display.
----------------------------	------------	---	--

Score

FO 43 73 01 50 12 00 00 dd F7	Left Part indication On/Off	00H: OFF, 7FH:ON	Entered to the song from the [SONG CREATOR] → SETUP display.
FO 43 73 01 50 12 00 01 dd F7	Right Part indication On/Off	00H: OFF, 7FH:ON	
FO 43 73 01 50 12 00 02 dd F7	Lyrics indication On/Off	00H: OFF, 7FH:ON	
FO 43 73 01 50 12 00 03 dd F7	Chord indication On/Off	00H: OFF, 7FH:ON	
FO 43 73 01 50 12 00 04 dd F7	N.Name indication On/Off	00H: OFF, 7FH:ON	
FO 43 73 01 50 12 00 05 dd F7	Size designation	00H: SMALL, 01H:MIDDLE, 02H:LARGE, 03H:X-LARGE	
FO 43 73 01 50 12 00 06 dd F7	Left Ch	00H – 0FH=CH, 7EH=OFF, 7FH=AUTO	
FO 43 73 01 50 12 00 07 dd F7	Right Ch	00H – 0FH=CH, 7EH=OFF, 7FH=AUTO	
FO 43 73 01 50 12 00 08 dd F7	Quantize triplet On/Off	(00H:TripletOFF, 7FH:TripletON)	
FO 43 73 01 50 12 00 09 dd F7	Quantize	00H: quarter, 01H: eighth, 02H: sixteenth, 03H: thirty-second	
FO 43 73 01 50 12 00 0A dd F7	NoteName	00H:ABC, 01H:FixedDo, 02H:MovableDo	
FO 43 73 01 50 12 00 0B dd F7	Color Note	00H: OFF, 7FH:ON	

Style

FO 43 73 01 51 00 00 03 10 00 dd F7	STYLE SPLIT POINT	dd=STYLE SPLIT POINT (Note Number)	Entered to the song from the [SONG CREATOR] → SETUP display.
FO 43 73 01 51 05 00 03 04 00 00 dd dd F7	Style No.	dd dd = Style No.	Entered when recording.
FO 43 7E 00 ss dd F7	Section Control	Refer to the MIDI Data Format.	Entered when recording.

Song Meta Event List / Liste der Meta-Events der Songs / Liste des métaévénements des morceaux / Lista de meta-eventos de canciones

Data Format	Parameter	Description	Note
-------------	-----------	-------------	------

FF 05 len [Data]	Lyrics	len=Data length, [Data]=Lyrics Data	-
FF 51 03 t1 t2 t3	Set Tempo	t1 t2 t3 =Tempo value B7 1B 00 – 01 D4 C0 (Tempo 5 – 500)	Entered when recording.
FF 58 04 nn dd cc bb	Beat	nn=Numerator, dd=Denominator (2n) cc=MIDI clock per metronome click, bb=Number of thirty-second notes in MIDI quarter note	Entered when recording.
FF 59 02 sf mi	Key Signature	sf=7 – 7 mi=0: Major key, 1: minor key	Entered from the [Score] → SETUP display.

YAMAHA META EVENT

FF 7F 06 43 73 0A 00 07 dd	Score Start Bar	ddH: Start from this measure dd= -100 – 1, 1 – 100	Same as ScBar entered from the [SONG CREATOR] → SYS/EX. Display
FF 7F len 43 73 0D 01 [Data]	Keyboard Voice	Voice settings for the RIGHT1 – 3 and LEFT	Entered to the song from the [SONG CREATOR] → SETUP display.

YAMAHA XF META EVENT

FF 7F 07 43 7B 01 cr ct bn bt	Chord Name	Refer to "Chord Control" in the MIDI Data Format (System Exclusive Messages)	Entered when recording.
FF 7F 05 43 7B 03 20 08	Phrase Mark	Used as a marker for each phrase when executing Phrase Mark repeat playback.	Used when performing the Phrase Mark repeat playback.
FF 7F 04 43 7B 04 dd	Phrase Max	Maximum Phrase Number	Used when performing the Phrase Mark repeat playback.
FF 7F 05 43 7B 0C rr ll	Guide Track Flag	Sets the TRACK1 and TRACK2 parameters on the [FUNCTION] → [SONG SETTING] display. rr = RIGHT CH (0: OFF, 1 – 16CH) ll = LEFT CH (0: OFF, 1 – 16CH)	Entered when recording.
FF 7F len 43 7B 21 00 pp [Data]	Lyrics Bitmap	Specifies the background picture of the Lyrics display. pp=Display type (0: Center, 1: Tile) [Data]=File Path	Entered to the song from the [SONG CREATOR] → SETUP display.

MIDI Implementation Chart / MIDI-Implementierungstabelle / Tableau d'implémentation MIDI / Gráfico de implementación MIDI

Yamaha [Digital Keyboard]
Model PSR-A3000

MIDI Implementation Chart

Date:17-Jun-2015
Version : 1.0

Function...	Transmitted	Recognized	Remarks
Basic Default Channel Changed	1 - 16 1 - 16	1 - 16 1 - 16	
Mode Default Messages Altered	3 x *****	3 x x	
Note Number : True voice	0 - 127 *****	0 - 127 0 - 127	
Velocity Note ON Note OFF	o 9nH,v=1-127 x 9nH,v=0	o 9nH,v=1-127 x	
After Key's Touch Ch's	x x	o o	
Pitch Bend	o	o 0 - 24 semi	
Control Change	0,32 o 1,5,7,10,11 o 16 o 6,38 o 64,65,66,67 o 71,72,73,74 o 80,81 o 84 o 91,93,94 o 96,97 x 98,99 o 100,101 o	o o o o o o o o o o o o	Bank Select General Purpose Controller Data Entry Sound Controller Portamento Cntrl Effect Depth RPN Inc,Dec NRPN LSB,MSB RPN LSB,MSB
Prog Change : True #	o 0 - 127 *****	o 0 - 127	
System Exclusive	o	o	
Common : Song Pos. : Song Sel. : Tune	x x x	x x x	
System :Clock Real Time:Commands	o o	o o	
Aux :All Sound Off :Reset All Cntrls :Local ON/OFF Mes- :All Notes Off sages:Active Sense :Reset	x x x x o x	o (120,126,127) o (121) o (122) o (123 - 125) o x	

Notes:

Mode 1 : OMNI ON , POLY Mode 2 : OMNI ON , MONO o : Yes
Mode 3 : OMNI OFF, POLY Mode 4 : OMNI OFF, MONO x : No