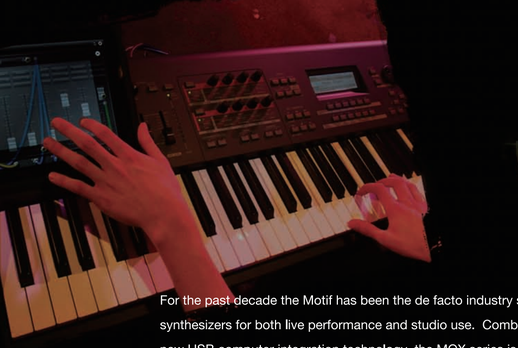

For the past decade the Motif has been the de facto industry standard in music production synthesizers for both live performance and studio use. Combining Motif technology with new USB computer integration technology, the MOX series is the most powerful, mobile and affordable Yamaha music workstation ever. They are destined to bring Motif music production power to a whole new generation of players.

Specifications

Model	MOX6/8	
Keyboard	MOX6	61 keys, semi-weighted keyboard (Initial Touch)
	MOX8	88 keys, GHS Keyboard (Initial Touch)
Tone Generator Block	Tone Generator	AWM2+Expanded Articulation
	Maximum Polyphony	64 notes
	Multi Timbral Capacity	16 internal parts + Audio input (A/D input)
	Wave memory	355MB (16-bit linear)
	Waveform	2570
	Voice	Preset :1024normal voice + 64 drum kits, GM:128 normal voice + 1 drum kit, User 128×3 normal voice 32 drum kits
	Performance	User 128×2 (up to 4 parts)
	Filter	18 types
	Effects	Insertion A/B ×54 types×3 part, Vocoder ×1, Reverb ×9, Chorus ×22, Master Effect×9, Master EQ 5 band, Part EQ 3 band stereo
Sequencer	Note Capacity	Approx. 226,000 notes
	Note Resolution	480 ppq (parts per quarter note)
	Maximum Polyphony	124 notes
	Tempo	5-300
	Recording Type	Real time replace, Real time overdub (with the exception of the Pattern Chain), Real time punch in/out (Song only), Step (with the exception of the Pattern Chain)
	Tracks	Pattern: 16 Phrase tracks, Pattern Chain: Pattern track, Tempo track, Scene track Song: 16 sequence tracks (Loop on/off can be set for each track), Tempo track, Scene track
	Patterns	64 Patterns (x 16 sections) Measures: 256 maximum
	Phrases	User Phrases: 256 per Pattern
	Songs	64 Songs, Mixing voices: 16 Voices per Song and up to 256 Voices for all Patterns, Mixing Templates: 32 for all Songs and Patterns
	Arpeggio	Preset 8720 type, User 256 type
	Scene Memory	5 per song
	Sequence format	MOX original format SMF format 0,1(Format 1 load only)
Others	Master	User 128
	Sequence Software compatible with the Remote Control function	For Windows®: Cubase 5.5, SONAR 8 For Macintosh®: Cubase 5.5, Logic 9, Digital Performer 6, 7
	Controllers	Pitch Bend wheel, Modulation wheel, Assignable Knob x 8, Assignable Function button x 2, [DATA] dial x 1
	Display	240 x 64 dot, backlit LCD
	Connections	OUTPUT L/MONO, R (standard phone jack), A/D INPUT L/R (standard phone jack) PHONES (standard stereo phone jack), FOOT CONTROLLER, FOOT SWITCH x 2 (SUSTAIN ASSIGNABLE), MIDI IN/OUT/THRU, USB (TO HOST, TO DEVICE)
	Power Consumption	10W
	Dimensions	MOX6: 1030 (W) ×358 (D) ×125 (H)mm, MOX8: 1320 (W) ×405 (D) ×168 (H) mm
	Weight	MOX6: 7kg (15.4lbs), MOX8: 14.8kg (32.6lb)
	Accessories	AC Adaptor (PA-150), USB Cable, DVD ROM (Containing DAW Software), Activation code for softsynth Prologue, YC-SB*, Owner's Manual, On-line Manual CD-ROM

* Prologue and YC-SB will not be supplied with installing CD-ROM. Customers can download the softwares from http://www.yamahasynth.com and activate it using the activation code included in the MOX carton box.
*Colors shown in this catalog may not be represented exactly as the original colors due to printing processes involved. *Specifications are subject to change without notice.

MUSIC PRODUCTION SYNTHESIZER MOX8

MUSIC PRODUCTION SYNTHESIZER MOX6

YAMAHA
YAMAHA CORPORATION
P.O.BOX1,Hamamatsu Japan
http://www.yamahasynth.com/
Printed in Japan

P10023258

LCK-1102

PRINTED WITH SOY INK
This document is printed on chlorine-free (ECF) paper with soy ink.

YAMAHA

MUSIC PRODUCTION SYNTHESIZER MOX6/MOX8

BE MOVED

Inspiration meets Integration

GET MOVING

Connectivity meets Mobility

MOX, THE MOBILE MOTIF

The new MOX combines a MOTIF XS sound engine (with 355MB of Wave ROM, over 6000 arpeggiator patterns, and VCM effects), a MIDI keyboard controller (with AI knobs and extensive DAW/VST control), and advanced multi-channel USB audio computer integration together in one convenient package. Add to that, the built-in direct performance recording, song/pattern sequencing and the included Cubase AI software plus two unique VST instruments packed into lightweight bodies, and you get pound-for-pound the most powerful, mobile and affordable Yamaha music workstation ever.

MAIN FEATURES

- 1217 Voices and 355 MB of waveforms taken directly from the Motif XS
- XA (Expanded Articulation) tone generation system for incredibly acoustic instrument performance and more than 256 Performances that spark your musical inspiration
- Reproduction of the unique, natural, warm sounds of vintage instruments via Virtual Circuitry Modeling effects
- 6720 arpeggiator patterns and the 4-part interactive arpeggio engine from the Motif XS
- Direct Performance recording lets you record your Performances straight into the sequencer
- Category Search provides instant access to the Voices you want
- Comprehensive sequencer for creating Songs and Patterns, including step recording
- New developed 61-key semi-weighted keyboard action for MOX6 and 88-key Graded Hammer Standard for MOX8
- Lightweight body (MOX6: 7kg(15.4lbs), MOX8: 14.8kg(32.6lbs) makes it easy to carry the MOX to a rehearsal or gig
- Built in 4-in 2-out USB Audio/MIDI interface lets you record the MOX directly into a PC and add vocal or guitars via stereo A/D input channel
- Bundled with Yamaha YC-3B Organ Emulator soft synth, Steinberg Prologue analog synth, and Cubase AI
- Advanced Integration with PC and keyboard controller functionality lets you easily control DAWs and VSTs from the MOX; the MOX Editor turns your synth into a VSTi plug-in

MOTIF XS SOUND ENGINE

MOX has the exact same 1217 sounds as the acclaimed MOTIF XS covering a wide variety of music styles. Starting with the Yamaha's acclaimed Concert Grand Piano CF3 grand piano sound; all the acoustic instrument sounds (strings, brass, guitar, bass, drums and more) that made the Motif XS so popular are covered. Of course the 8 element voices, 18 different filter types and extensive effects section are also great for creating the vintage analog and modern digital synthesizer sounds that are used in the electronic and hip hop music scenes. All the sounds you'll need for both live performance and music production in a variety of styles are contained in the MOX.

PERFORMANCE MODE TO ENHANCE YOUR CREATIVITY

You can combine multiple Voices together (up to 4 parts) and play them on one MIDI channel in performance mode, so you can play dynamic layered sounds or play solos along with drums and bass backing tracks. With the interactive Arp engine, even playing simple chords or just one finger give you complete musical performances to spark your creativity. The MOX has 256 preset performances in a wide variety of music style (Rock, World, Hip Hop Jazz, etc).

EASY OPERATION AND COMPREHENSIVE CONTROLS

Category search mode makes it fast and intuitive get to your ideal instrument. 16 different instrument categories with sub-categories make it quick to get the sound you need. With the Performance Creator (a new feature taken from the S90XS, you can easily build up layer or split Performances by a single button press. Start with a Voice you like, press LAYER and a suitable layer sound will be chosen. Press SPLIT and a left hand Bass sound is called up automatically. Go to DRUM ASSIGN and you can play along with the tons of built-in rhythm patterns.

SEQUENCER MODE TO BUILD UP YOUR INSPIRATION AS QUICKLY AS POSSIBLE

MOX features a built-in sequencer which lets you produce high-quality music productions without the need for a computer or any other external devices. The sequencer features both real-time recording, which records your performance data as you play it, and Step recording, which is suitable for recording precise phrases or other difficult passages. Moreover, you can use the creative inspiration from Performances and directly record them to a Song/Pattern simply by pressing the [REC] button. After creating the outline, in a matter of seconds you can easily edit and refine your song to final completion right on the MOX.

PLENTY OF EFFECTS INCLUDING VIRTUAL CIRCUITRY MODELING EFFECTS

MOX has a wide variety of effects for both the internal keyboard sounds and for use with the A/D inputs including a Vocoder for vocal formant-controlled synth sounds. Also Yamaha's proprietary VCM (Virtual Circuitry Modeling) technology that, rather than simply attempting to approach the desired sound using conventional digital audio methods, actually models the original analog circuitry — right down to the last resistor and capacitor. With the MOX, the high-quality effects found in our industry-standard digital recording consoles are at your fingertips.

MOX also includes the award-winning "REV-X" reverb, the same professionally renowned reverb found in the SPX2000.

A SINGLE USB CABLE FOR BOTH AUDIO AND MIDI CONNECTIONS

A single USB cable lets you integrate both Audio and MIDI with your MAC or PC computer. MOX has a built-in 4-in 2-out USB audio interface so you can record MOX's internal sound directly to your MAC or PC. Two dedicated audio inputs can be used to record guitars and vocals into your computer. Compatible with all the major DAWs (in fact any program that support ASIO drivers), you can digitally record the sounds of the MOX and anything connected to the stereo analog inputs directly to your favorite DAW. Not only for music production, the USB connectivity and in-depth keyboard controller functionality lets you also playback and control your VST soft synths via the audio outputs of your MOX, allowing you to easily integrate VSTs into your live stage shows with no extra gear – just add computer and play.

BUNDLED SOFTWARE AND EDITORS

The MOX comes bundled with Steinberg's Cubase AI MIDI and Audio recording software Prologue, Steinberg's VA soft synth for vintage analog synth sounds and a new Yamaha Organ YC-3B "Clonewheel" organ emulation VST. (The installer package of Soft synthesizers is available at yamahasynth.com) Dedicated Editor Software lets you easily edit your MOX just like a soft synthesizer. In fact, by using the MOX Editor VST, you can turn the MOX into a hardware accelerated VSTi. Combined with Media Bay in Cubase, you can categorize and select MOX's sound from a unified universal library of all your VST sounds. There is even a special editor for setting up the MIDI keyboard controls and remote functions. The MOX is the latest and best example of Yamaha's commitment to integrating our keyboards into the computer music production environment.

MOX Editor VST

Steinberg Prologue

Yamaha YC-3B

Cubase AI

88-NOTE GRADED HAMMER STANDARD (GHS) ACTION, AND NEW 61-NOTE SEMI-WEIGHTED ACTION

The MOX8 features an 88-key GHS keyboard. This feature provides authentic, realistic keyboard response—much like the feel of an acoustic piano—with the lower keys being heavy in touch, the higher keys light, and all the natural gradations in between. The MOX6 features a newly developed, 61-key, semi-weighted keyboard. The keyboard has been designed and adjusted so that you easily and expressively play the rich variety of different sounds in the instrument.

LIGHT AND EASY TO CARRY

The lightweight bodies (MOX8: 7kg, MOX6: 14.8kg) make it easy to carry the MOX to rehearsals or gigs and make them pound-for-pound the most powerful workstations Yamaha has ever made. Both models are 50% lighter in weight than the comparable Motif models.