



UAB

Portable Player Dock

# PDX-31 OWNER'S MANUAL

English

## FEATURES

### ● Made for iPhone/Made for iPod ●

Enjoy listening to music stored on your iPhone/iPod in high-quality sound, with punchy bass, low distortion, and low noise.

### ● Easy Operation ●

There's no power button and no input source switch. Simply connect your iPhone/iPod or an external device, such as your favorite music player.

### ● Multi-source Mix ●

When both an iPhone/iPod and an external device are connected, they both can be played at the same time. For example, you can use the music from the iPhone/iPod as the background music while playing videos and other contents on your PC.

### ● Intelligent Volume ●

- When you disconnect your iPhone/iPod, the PDX-31 remembers the volume level the next time you connect it.
- The PDX-31 prevents sudden increases in volume when you connect your iPhone/iPod by fading in the music gradually.

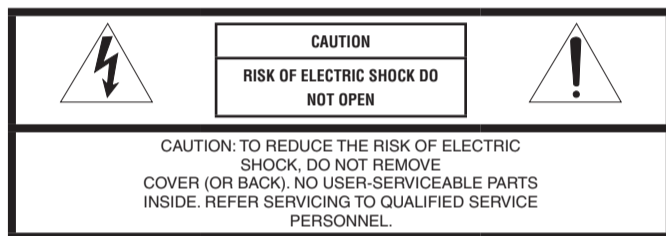
### iPhone™, iPod™

iPhone, iPod, iPod classic, iPod nano and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries.



"Made for iPod" and "Made for iPhone" mean that an electronic accessory has been designed to connect specifically to iPod or iPhone, respectively, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards.

## IMPORTANT SAFETY INSTRUCTIONS



### • Explanation of Graphical Symbols



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert you to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert you to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

### IMPORTANT

Please record the serial number of this unit in the space below.

MODEL:  
Serial No.:

The serial number is located on the rear of the unit. Retain this Owner's Manual in a safe place for future reference.

- 1 Read these instructions.
- 2 Keep these instructions.
- 3 Heed all warnings.
- 4 Follow all instructions.
- 5 Do not use this apparatus near water.
- 6 Clean only with dry cloth.
- 7 Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- 8 Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 9 Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- 10 Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- 11 Only use attachments/accessories specified by the manufacturer.
- 12 Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
- 13 Unplug this apparatus during lightning storms or when unused for long periods of time.
- 14 Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.



### We Want You Listening For A Lifetime

Yamaha and the Electronic Industries Association's Consumer Electronics Group want you to get the most out of your equipment by playing it at a safe level. One that lets the sound come through loud and clear without annoying blaring or distortion - and, most importantly, without affecting your sensitive hearing. Since hearing damage from loud sounds is often undetectable until it is too late, Yamaha and the Electronic Industries Association's Consumer Electronics Group recommend you to avoid prolonged exposure from excessive volume levels.



### FCC INFORMATION (for US customers)

#### 1 IMPORTANT NOTICE : DO NOT MODIFY THIS UNIT!

This product, when installed as indicated in the instructions contained in this manual, meets FCC requirements.

Modifications not expressly approved by Yamaha may void your authority, granted by the FCC, to use the product.

- 2 **IMPORTANT** : When connecting this product to accessories and/or another product use only high quality shielded cables. Cable/s supplied with this product **MUST** be used. Follow all installation instructions. Failure to follow instructions could void your FCC authorization to use this product in the USA.

- 3 **NOTE** : This product has been tested and found to comply with the requirements listed in FCC Regulations, Part 15 for Class "B" digital devices. Compliance with these requirements provides a reasonable level of assurance that your use of this product in a residential environment will not result in harmful interference with other electronic devices.

This equipment generates/uses radio frequencies and, if not installed and used according to the instructions found in the users manual, may cause interference harmful to the operation of other electronic devices.

Compliance with FCC regulations does not guarantee that interference will not occur in all installations. If this product is found to be the source of interference, which can be determined by turning the unit "OFF" and "ON", please try to eliminate the problem by using one of the following measures: Relocate either this product or the device that is being affected by the interference.

Utilize power outlets that are on different branch (circuit breaker or fuse) circuits or install AC line filter/s. In the case of radio or TV interference, relocate/reorient the antenna. If the antenna lead-in is 300 ohm ribbon lead, change the lead-in to coaxial type cable. If these corrective measures do not produce satisfactory results, please contact the local retailer authorized to distribute this type of product. If you can not locate the appropriate retailer, please contact Yamaha Electronics Corp., U.S.A. 6660 Orangethorpe Ave, Buena Park, CA 90620.

The above statements apply **ONLY** to those products distributed by Yamaha Corporation of America or its subsidiaries.

## CAUTION: READ THIS BEFORE OPERATING YOUR UNIT.

To assure the finest performance, please read this manual carefully. Keep it in a safe place for future reference.

- 1 Install this unit in a well ventilated, cool, dry, clean place - away from direct sunlight, heat sources, vibration, dust, moisture, and/or cold. (Do not use/keep this unit in a car etc.)
- 2 Locate this unit away from other electrical appliances, motors, or transformers to avoid humming sounds.
- 3 Do not expose this unit to sudden temperature changes from cold to hot, and do not locate this unit in an environment with high humidity (i.e. a room with a humidifier) to prevent condensation inside this unit, which may cause an electrical shock, fire, damage to this unit, and/or personal injury.
- 4 Avoid installing this unit where foreign objects may fall onto this unit and/or this unit may be exposed to liquid dripping or splashing. On the top of this unit, do NOT place:
  - Other components, as they may cause damage and/or discoloration on the surface of this unit.
  - Burning objects (i.e. candles), as they may cause fire, damage to this unit, and/or personal injury.
  - Containers with liquid in them, as they may fall and liquid may cause electrical shock to the user and/or damage to this unit.
- 5 Do not cover this unit with a newspaper, tablecloth, curtain, etc. in order not to obstruct heat radiation. If the temperature inside this unit rises, it may cause fire, damage to this unit, and/or personal injury.
- 6 Do not operate this unit upside-down. They may overheat, possibly causing damage.
- 7 Do not use force on switches, knobs, and/or cords.
- 8 When disconnecting the power cable from the wall outlet, grasp the AC plug; do not pull the cord.
- 9 Do not clean this unit with chemical solvents; this might damage the finish. Use a clean, dry cloth.
- 10 Only the voltage specified on this unit must be used. Using this unit with a higher voltage than specified is dangerous and may cause fire, damage to this unit, and/or personal injury. Yamaha will not be held responsible for any damage resulting from use of this unit with a voltage other than that specified.
- 11 Do not attempt to modify or fix this unit. Contact qualified Yamaha service personnel when any service is needed. The cabinet should never be opened for any reason.
- 12 When not planning to use this unit for long periods of time (i.e. when going on vacation), disconnect the power cable from the AC wall outlet.
- 13 Be sure to read the "TROUBLESHOOTING" section regarding common operating errors before concluding that the unit is faulty.
- 14 Before moving this unit, disconnect the power cable from the wall outlet.
- 15 Be sure to use the AC adaptor supplied with this unit. Using an AC adaptor other than the one provided may cause fire or damage to this unit.
- 16 Install this unit near the wall outlet and where the power cable can be reached easily.
- 17 For added protection for this product during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet. This will prevent damage to the product due to lightning and power-line surges.
- 18 The batteries shall not be exposed to excessive heat such as sunshine, fire or the like. When you dispose of batteries, follow your regional regulations.

There is a chance that placing this unit too close to a CRT-based (Braun tube) TV set might impair picture color. Should this happen, move this unit away from the TV set.

### WARNING

TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS UNIT TO RAIN OR MOISTURE.

Even if an iPhone or iPod is not connected to this unit, this unit is not disconnected from the AC power source as long as it is connected to the wall outlet. In this state, this unit is designed to consume a very small quantity of power.

### CAUTION

Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.

### For U.K. customers

If the socket outlets in the home are not suitable for the plug supplied with this appliance, it should be cut off and an appropriate 3 pin plug fitted. For details, refer to the instructions described below.

#### Note

The plug severed from the mains lead must be destroyed, as a plug with bared flexible cord is hazardous if engaged in a live socket outlet.

### SPECIAL INSTRUCTIONS FOR U.K. MODEL

#### IMPORTANT

THE WIRES IN MAINS LEAD ARE COLOURED IN ACCORDANCE WITH THE FOLLOWING CODE:

Blue: NEUTRAL

Brown: LIVE

As the colours of the wires in the mains lead of this apparatus may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

The wire which is coloured BLUE must be connected to the terminal which is marked with the letter N or coloured BLACK.

The wire which is coloured BROWN must be connected to the terminal which is marked with the letter L or coloured RED.

Making sure that neither core is connected to the earth terminal of the three pin plug.

#### Warranty policy for European Economic Area (EEA) and Switzerland, Australia customer

In the unlikely event that your Yamaha product needs guarantee service, please contact the dealer from whom it was purchased.

If you experience any difficulty, please contact Yamaha representative office in your country. You can find full details on our website

EEA and Switzerland: (<http://www.yamaha-hifi.com/> or <http://www.yamaha-uk.com/> for U.K. resident).

Australia: (<http://www.yamahamusic.com.au/>)

#### Information for Users on Collection and Disposal of Old Equipment and used Batteries



These symbols specified in the Directives 2002/96/EC and 2006/66/EC indicate that used electrical and electronic products and batteries should not be mixed with general household waste.

For proper treatment to avoid harmful effect on human health and environment, please contact your local municipality, your waste disposal service or the point of sale where you purchased the items.



#### Note for the battery symbol (bottom two symbol examples):

This symbol might be used in combination with a chemical symbol. In this case it complies with the requirement set by the Directive for the chemical involved.



### FCC WARNING

Change or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

### FOR CANADIAN CUSTOMERS

This Class B digital apparatus complies with Canadian ICES-003.



# INTRODUCTION

## Symbols Used in this Document

- : indicates a tip for your operation.
- Note** : contain important information about safety and operating instructions.

## Supplied Accessories

Please confirm that the following accessories are included before using the unit.

The identifiers "a b c" shown here refer to the identifiers used in the Quick Manual. Refer to the Quick Manual.

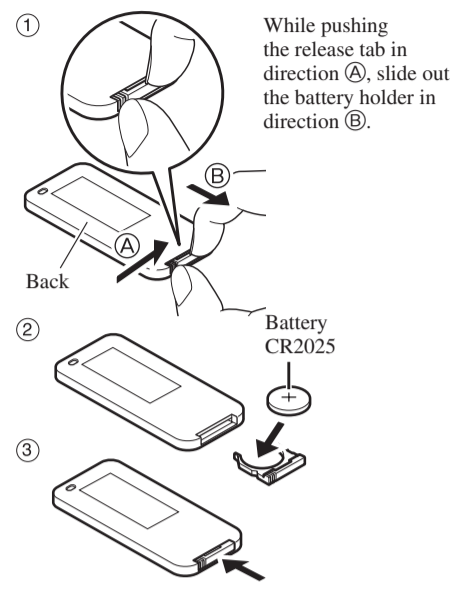
Remote control [a]..... × 1  
 AC adaptor [b]..... × 1  
 Power cable [c]..... × 1

### Note

Connect the AC adaptor and power cable to the unit before connecting the power cable to a wall outlet.

Owner's Manual (this manual)..... × 1  
 Quick Manual..... × 1

## Replacing the Remote Control Battery When It Is Exhausted



# CONTROLS AND OPERATIONS

The identifiers (A, B, etc.) shown here refer to the identifiers used in the Quick Manual. Refer to the Quick Manual.

## A iPod Dock

Connects an iPhone/iPod to the unit. When the iPhone/iPod is connected, the unit turns on and begins charging the iPhone/iPod's battery.

To listen to music through the unit's speakers, begin playback on the iPhone/iPod.

The iPhone/iPod can be connected or disconnected anytime. When the iPhone/iPod is disconnected from the unit, the unit remembers the volume level. When the iPhone/iPod is connected again, the volume is set at the same level.

### Notes

- Be sure to use a Dock adapter that is compatible with your iPhone/iPod.
- If you do not use an adapter or if the adapter is not compatible, the connection could be loose or poor, which could cause damage or malfunctions.
- The iPhone/iPod may not be set in the iPod dock securely if it is in its protective case.

## B AUX

Connects an external device to the unit. When the external device is connected, the unit turns on.

To listen to music through the unit's speakers, begin playback on the external device.



To connect an external device to the unit, use a commercially available 3.5 mm (1/8 in) stereo mini plug cable.

### Note

When disconnecting the external device, be sure to remove the cable from AUX. Otherwise, the unit will remain on while the cable is connected.

## C (Volume keys)

Adjust the volume level.



- If the volume was set at a high level when the iPhone/iPod or external device was disconnected, the volume may be lowered automatically when playback begins.
- When the AC adaptor is disconnected, the volume level will be reset to the default volume level.

## D 15V (AC Adaptor)

Connects the AC adaptor to the unit.

## E Status Indicators (LEDs)

Indicate the status of the unit and a connected iPhone/iPod. The status of a connected external device is not indicated.

- Green status indicator: The unit is turned on and operating normally.
- Red status indicator: An error has occurred or the volume has reached its maximum or minimum level.

LED		Status
Green	Red	
		An iPhone/iPod is connected.
		The volume level has been adjusted using the iPhone/iPod or unit's volume keys, or a signal has been received from the remote control.
		Once
		Connection in progress, please wait.
		Continuously
		30 seconds have passed since the iPhone/iPod was paused.
		The unit's volume has reached the maximum or minimum level when an iPhone/iPod is connected to the iPod Dock.
		Once
		The unit's volume has reached the maximum or minimum level when an external device is connected to AUX.
		Once
		The connected iPod is not supported. Refer to "TROUBLESHOOTING" for the proper remedy.
		2 sec.
		Connection failed. Refer to "TROUBLESHOOTING" for the proper remedy.
		Continuously
		An error occurred and the unit's protection circuitry has been activated. Refer to "TROUBLESHOOTING" for the proper remedy.
		Continuously

...Lit ...Flashing ...Off

# AVAILABLE OPERATIONS

The operations that can be controlled for the connected iPhone/iPod and external device are indicated by ○ (available) or — (not available).

Connected device	iPhone/iPod		External Device	
	Volume Control	Other Operations	Volume Control	Other Operations
The Unit	○ <sup>*1</sup>	—	○ <sup>*1</sup>	—
iPhone/iPod	○ <sup>*1</sup>	○	○ <sup>*1</sup>	—
External Device	—	—	○ <sup>*2</sup>	○
Remote Control <sup>*3</sup>	○ <sup>*1</sup>	○	○ <sup>*1</sup>	—

<sup>\*1</sup> When an iPhone/iPod and external device are connected and playing at the same time, the volume levels of both the iPhone/iPod and external device will be adjusted.

<sup>\*2</sup> To adjust the volume level of the external device independently when an iPhone/iPod and external device are connected and playing at the same time, adjust the volume level at the external device.

<sup>\*3</sup> For information about using the remote control, refer to the Quick Manual.

# TROUBLESHOOTING

Refer to the table below if the unit does not operate properly. If the problem you are experiencing is not listed below, or if the instruction below does not help, disconnect the power cable, and contact the nearest authorized Yamaha dealer or service center.

Problem	Cause	Remedy
<b>No sound.</b>	The iPhone/iPod is not connected securely.	Connect the iPhone/iPod securely.
	The external device is not connected securely.	Connect the 3.5 mm (1/8 in) stereo mini plug cable securely to the unit and external device.
	The unit is not turned on.	Connect the AC adaptor and power cable securely.
	The volume is turned down.	Turn up the volume.
	The protection circuitry has been activated by excessive volume.	Turn down the volume.
<b>Cannot change the unit's volume by changing the iPhone/iPod's volume.</b>	The connected iPod is not supported, or the iPhone/iPod is not connected securely.	Use a supported iPod, or connect iPhone/iPod securely.
<b>The iPhone/iPod display does not change by pressing the remote control's volume keys.</b>		
<b>The iPhone/iPod cannot be controlled using the remote control.</b>		
<b>The external device cannot be controlled using the remote control.</b>	When playing an external device, only the volume can be changed using the remote control.	Control all operations other than volume control at the external device itself.
<b>The remote control cannot be used.</b>	The remote control is out of operation range.	Use the remote control within its operation range. Refer to the Quick Manual for more information.
	The battery is exhausted or was not inserted correctly.	Replace the battery and insert it correctly. Refer to "Replacing the Remote Control Battery When It Is Exhausted" for more information.
	The insulation sheet has not been removed.	Remove the insulation sheet. Refer to the Quick Manual for more information.
<b>The green status indicator is lit, and the red status indicator is flashing.</b>	Connection failed.	<ul style="list-style-type: none"> <li>Use a supported iPod.</li> <li>Connect the iPhone/iPod securely.</li> <li>Restart the iPhone/iPod.</li> <li>Update the iPhone/iPod firmware to the latest version.</li> </ul>
<b>The green status indicator is off, and the red status indicator is flashing continuously.</b>	An error occurred and the unit's protection circuitry has been activated.	Disconnect the AC adaptor, wait for a while, and then connect the AC adaptor again.

# SPECIFICATIONS

Supported iPhone.....iPhone, iPhone 3G, iPhone 3GS  
 Supported iPod.....iPod (5th generation), iPod classic, iPod nano, iPod touch  
 AUX input connector.....STEREO L/R: 3.5 mm (1/8 in) stereo mini jack  
 Maximum output power per channel (6 Ω 1 kHz, 10% THD)..... 15 W + 15 W  
 Power supply  
 U.S.A. and Canada models.....AC 120 V, 60 Hz  
 Other models.....AC 100 to 240 V, 50/60 Hz  
 Power consumption..... 10 W  
 Power consumption without connecting iPhone/iPod or external device..... less than 0.5 W  
 AC adaptor..... NU40-8150266-13 (DC 15 V, 2.66 A)  
 Dimensions (W × D × H).....350 × 125 × 109 mm (13-12/16 × 4-15/16 × 4-5/16 in)

Weight (without accessories).....1.7 kg (3.7 lbs)

\* To play an unsupported iPod, such as a 4th generation (or earlier) iPod, iPod shuffle, iPod photo, and iPod mini, connect the iPod to AUX and use it as an external device.

\* Specifications are subject to change without notice.