



PXR™ 1506 / 1508 150-WATT MIXER AMPLIFIER

Operating
Manual



PXR™ 1506 / 1508

150-Watt, 8-Channel Mixer Amplifier

Designed with the latest Peavey technology, the PXR™ 1506 / 1508 powered mixers are easy to use and transport. Constructed with a rugged metal structure, wood cabinet, vinyl surface and protective corners, the PXR 1506 and 1508 are the ideal powered mixers.

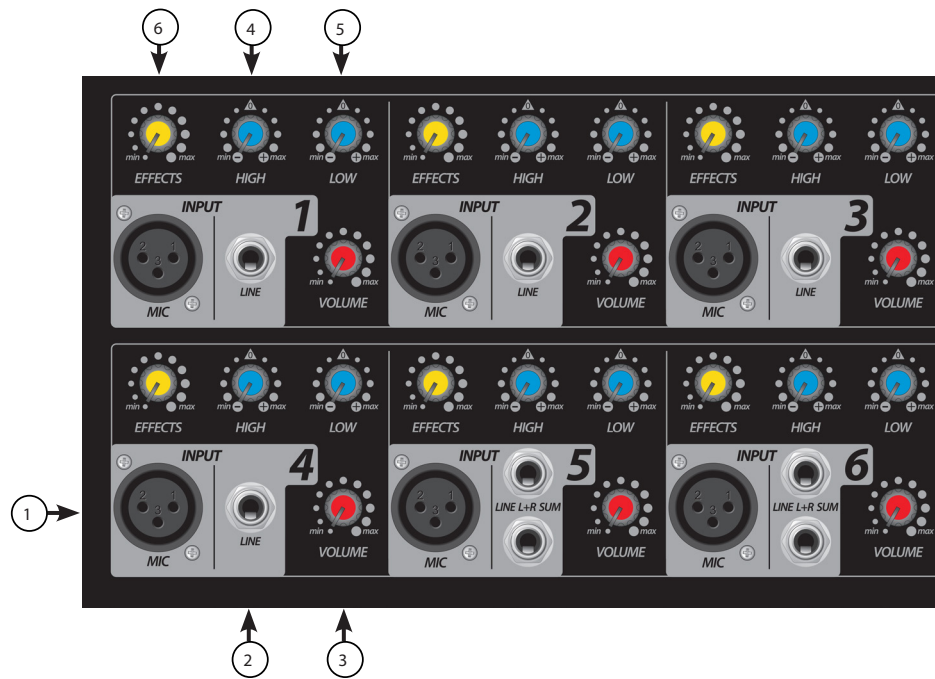
From packaging to quality control, we produce a product of maximum quality and efficiency with the same specifications you see on other, more expensive powered mixers.

Please read this guide carefully to ensure your personal safety as well as the safety of your equipment.

Features

- 150 watts into 4-ohm (2 x 8 ohm) speakers
- Balanced microphone inputs
- RCA and 3.5mm Inputs
- Effects Level control on each channel
- Line Out for connection to external amplifiers
- Return input for connection of external effects processors
- Record Out for recording
- 5-band graphic EQ
- On-board effects
- Bluetooth® Streaming Audio
- Audio playback from USB jump drive or SD card
- 15-volt phantom power

Front Panel



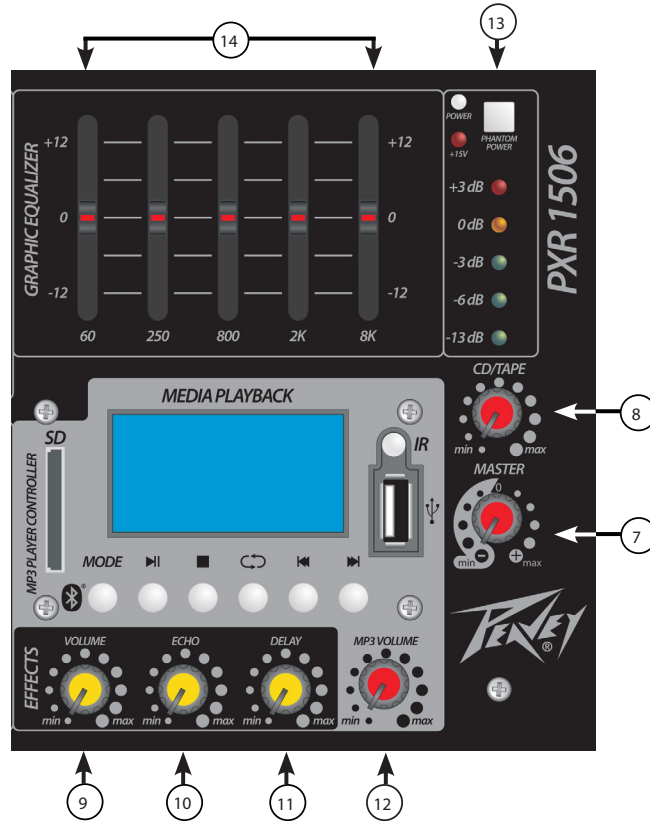
Input Section

- 1 3-PIN LOW-IMPEDANCE MICROPHONE INPUT**
This input is for typical balanced, low-impedance microphones. This has an input impedance of 1k ohms. The connector is wired as: Pin 1=shield; Pin 2=positive (hot); Pin 3=negative (cold).
- 2 1/4" LINE/HIGH-IMPEDANCE INPUT**
This input may be used as either a high-impedance microphone input or for line-level devices such as a cassette player, CD player, video projector or laptop. This will also allow connection from an electric guitar, bass or keyboard. It is a two-conductor input with an impedance of 10k ohms.

Features

- 3 VOLUME CONTROL**
The level control for each channel sends the signal to the master mix bus. Typical operation is between 4 and 8 (dependent upon the input devices) but should be lower than the master level. Please remember that this acts like a preamp, so if you are using a device that has a volume output control (i.e.: a tape or CD player) you will need to do some level matching by adjusting the level controls on each unit.
- 4 HIGH CONTROL**
This is used to adjust the overall tone of the individual inputs. Since it is a cut or boost control (+/-15 dB), it will add or diminish presence frequencies in the sound beginning at 2 kHz.
- 5 LOW CONTROL**
This is used to adjust the overall tone of the individual inputs. Since it is a cut or boost control (+/-15 dB), it will add or diminish bass frequencies in the sound beginning at 300 Hz.
- 6 EFFECTS CONTROL**
This is used as a send control to the effects bus. It controls the amount of reverberation added to the input signals.

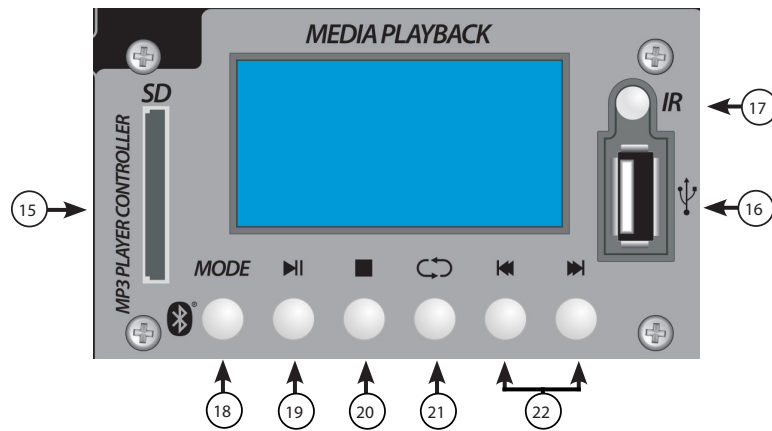
Front Panel



Features

- 7 MASTER LEVEL
This controls the overall volume level of the entire amplifier. Typical operation is between 4 and 8.
- 8 TAPE/CD VOLUME
This controls the level of the playback inputs (RCA jacks).
- 9 EFFECTS VOLUME
This controls the level of the echo and delay that is added back to the master mix.
- 10 EFFECTS ECHO
This controls the character of the Reverb that is added back to the master mix. This is analogous with changing the rate at which the echo decays.
- 11 EFFECTS DELAY
This controls the delay of the Reverb that is added back to the master mix. Increase this control to simulate the effect of larger rooms.
- 12 MP3 VOLUME
This controls the level of the playback inputs on the MP3 player.
- 13 PHANTOM POWER
When depressed, this switch, applies +15 VDC to all input XLR connectors to power microphones that require phantom power.

Caution: When phantom power is switched on, make sure that any channel you are plugging a microphone into is turned down and the Master Main and Monitor controls are set to minimum. Otherwise, there will be a loud pop in the system. For best results, first plug all microphones into their respective channels before phantom power is switched on. This reduces noise through the system and reduces the chance of damage to the microphones. If phantom power is used, do not connect unbalanced, dynamic microphones or other devices to the XLR inputs that cannot handle this voltage. (Some wireless receivers may be damaged. Consult their manuals.) The line input jacks are not connected to the phantom supply and are safe for all inputs (balanced or unbalanced). An unbalanced to balanced impedance converter such as the Peavey 5116 or a Peavey 1:1 Interface Adapter may also be used to isolate a microphone from phantom voltage.



Features

- 14 **MASTER EQ**
These are used to adjust the overall EQ of the master mix. Since these cover five frequency bands (+/-15 dB), they will add or diminish the level of the sound at the indicated frequencies, spread across approximately one octave of frequency range. Most situations should require using no more than three controls simultaneously. Do not boost or cut all five at the same time. Excessive boosting will increase the probability of feedback.
- 15 **SD CARD SLOT**
To connect the SD card, push the card completely in the slot until it clicks into place. The player will accept a SD card up to 32Gb in size.
- 16 **USB DISK SLOT**
On the right side of the device is a USB drive slot where a USB memory stick can be connected. The player will accept a memory stick up to 32Gb.
- 17 **IR RECEIVER**
This is the receiver for the remote control. For proper use do not block.
- 18 **MODE**
If both, a memory stick and SD card are present, a short press of the MODE button will toggle between the USB input, SD card input and Bluetooth. A long press of the MODE button will enter the settings menu. In the settings menu, you can select the pre-programmed EQ modes, the repeat modes and select between the SD card and USB inputs. Once in the settings menu, press the >> or << buttons to navigate. When the desired mode is highlighted, press the >|| button to select.
- 19 **PLAY/PAUSE**
A short press of the PLAY/PAUSE button causes the operation to change from PLAY to PAUSE or from PAUSE back to PLAY.
- 20 **STOP**
Press the STOP button to stop a file that is playing.
- 21 **REPEAT**
Pressing the REPEAT button toggles the function between ALL, REPEAT ONE, REPEAT FOLDER, NORMAL, RANDOM and BROWSE.
ALL: Repeats all songs.
REPEAT ONE: Repeats a single song.
REPEAT FOLDER: Repeats all the songs in a single folder.
NORMAL: Plays all songs in order.
RANDOM: Plays all songs in a random order.
BROWSE: Plays the first 10 seconds of each song.
- 22 **TRACK SKIP**
In playback mode the TRACK SKIP buttons let you select the track to play.
A short press skips to the next track. A long press allows you to fast forward/rewind through a song. Hold the button down until the desired playback point is found. Release the button and the song will start playing.
The TRACK SKIP buttons are used to increment/decrement through the options in the menu.

Bluetooth® Player

Bluetooth OPERATION

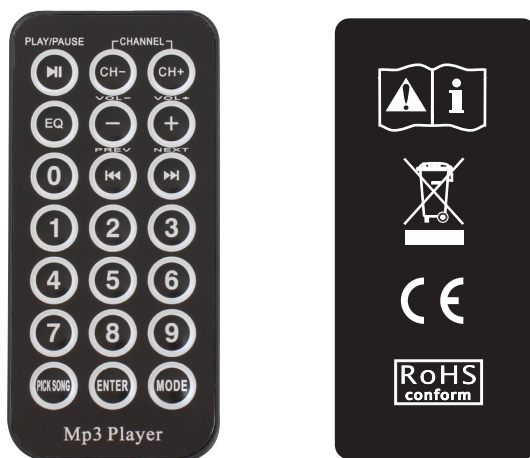
To listen to your music via Bluetooth wireless connection, you need to pair (link) your PXR™ 1506/1508 mixer with your Bluetooth phone and/or music device.

1. Turn off any Bluetooth devices previously paired with your PXR 1506/1508 mixer.
2. Turn on the Bluetooth feature on your phone or music device.
3. Press the mode button until the Bluetooth symbol appears in the upper left hand corner of the LCD display.
4. Place your phone or music device in Bluetooth search mode.
5. Select Bluetooth audio from search results on your phone or music device.
6. Select OK or YES to pair your speaker system with your phone or music device.

When your PXR 1506/1508 successfully pairs and connects with your phone or music device, the LCD display will indicate the name of the device connected. You will now be able to play music from your connected music source through your PXR 1506/1508. The level can either be adjusted from the connected source or by the MP3 Volume control.

* Wireless range can vary depending on Bluetooth class of source device, and be subject to interference from obstructions such as walls or other electronic devices.

Remote Control



For ease of use and convenience, a remote control comes with the PXR 1506/1508 mixer (battery included). To replace the battery, push in left tab and pull out. Use only a CR2025 model battery as a replacement.

NOTE: For proper use, do not block the IR Receiver.

PLAY/PAUSE: A short press of the PLAY/PAUSE button causes the operation to change from PLAY to PAUSE or from PAUSE back to PLAY

CH- / CH+: Channel adjustment buttons.

EQ: EQ Preset adjustment button.

- / +: Volume adjustment buttons.

<< / >>: Track skip buttons let you select the track to play.

0-9: Directly access tracks.

PICK SONG: N/A on this model

ENTER: Enters the settings menu.

MODE: Toggles between the USB input, SD card input and Bluetooth.

WARNING

Do not ingest the battery. Chemical Burn Hazard.

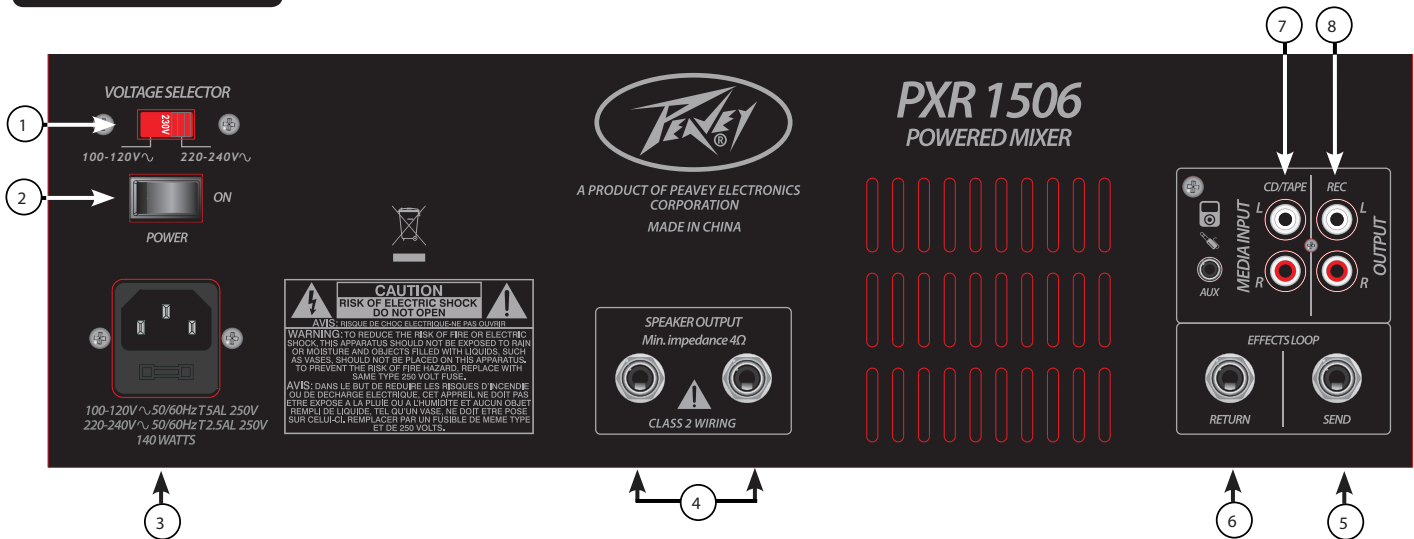
(The remote control supplied with) This product contains a coin/button cell battery. If the coin/button cell battery is swallowed, it can cause severe internal burns in just 2 hours and can lead to death.

Keep new and used batteries away from children.

If the battery compartment does not close securely, stop using the product and keep it away from children.

If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.

Rear Panel



Features

- 1 **VOLTAGE SELECT SWITCH**
This switch must be set properly for the local AC line voltage. Select between 115 (110-120 VAC) or 230 (220-240 VAC) using this switch.
- 2 **POWER SWITCH**
This switches the unit on or off. When the unit is powered ON, the front-panel blue LED will illuminate.

⚡ WARNING ⚡

THE ON/OFF SWITCH IN THIS APPARATUS DOES NOT BREAK BOTH SIDES OF THE MAINS. HAZARDOUS ENERGY MAY BE PRESENT INSIDE THE ENCLOSURE WHEN THE POWER SWITCH IS IN THE OFF POSITION.

- 3 **IEC POWER CONNECTOR**
This is a standard IEC cable connector for use with standard voltages from AC wall outlets. Its safety ground pin is connected to the chassis and should never be removed (or defeated in the line cord) for any reason. The IEC connector contains an internal fuse holder. The fuse rating is 5 amperes.
- 4 **SPEAKER OUTPUTS**
These are two-conductor 1/4" speaker outputs. Each one is rated at 8 ohms minimum impedance. Total minimum load for the amplifier is 4 ohms. You may connect either one 4-ohm, one 8-ohm or two 8-ohm speakers. Do not operate below rated minimum impedance. For maximum power transfer, be sure to use speaker cables and not instrument cables to connect to the speakers. We recommend the use of 18-gauge or larger speaker wire.
- 5 **LINE SEND**
This is a 1/4" two-conductor line output. It is intended to connect the mixer to the input of an external effects device or additional power amp, or to send a submix to a larger P.A. system. This line-level signal disconnects the main outputs.
- 6 **LINE RETURN**
This is a 1/4" two-conductor line input. It is intended primarily to connect the mixer to the output of an external effects device.
- 7 **MEDIA IN (L/R)**
These RCA jacks are for connecting a cassette deck, CD player or other line-level source.
- 8 **REC OUT (L/R)**
These RCA output jacks are primarily intended for connecting a tape deck, MP3 player, or other device for the purpose of recording from the mixer. Both channels are summed into mono for compatibility. The signals are taken pre-master section, meaning that they are without reverb or the master tone section, and do not include the Tape-In signal.

PXR™ 1506 / 1508

SPECIFICATIONS

Output Power:

150 watts / 4 ohms
100 watts / 8 ohms

Aux SEND Output:

-10 dBv nominal, 1k ohms

Tape REC Output:

-10 dBv nominal, 1k ohms

Input Impedance:

Low-Z Mic: 1k ohms
High-Z Line: 10k ohms
Tape Input: 10k ohms

Input Channel Equalization:

Bass Control: 300 Hz
Treble Control: 2000 Hz

Master Graphic Equalization:

60 Hz: +/- 15 dB
250 Hz: +/- 15 dB
800 Hz: +/- 15 dB
2000 Hz: +/- 15 dB
8000 Hz: +/- 15 dB

Protection Circuit:

Power on Mute delay time: 2 seconds

Power Consumption:

140 watts

Dimensions (HxWxD):

PXR 1506: 8.25" x 17.5" x 12.25"
PXR 1508: 8.25" x 20.5" x 12.25"

Weight:

PXR 1506: 20.6 lbs.
PXR 1508: 22.7 lbs.



Logo referenced in Directive 2002/96/EC Annex IV
(OJ(L)37/38, 13.02.03 and defined in EN 50419: 2005
The bar is the symbol for marking of new waste and
is applied only to equipment manufactured after
13 August 2005



www.peavey.com

Warranty registration and information for U.S. customers available online at
www.peavey.com/warranty
or use the QR tag below



Features and specifications subject to change without notice.

Peavey Electronics Corporation 5022 Hartley Peavey Drive Meridian, MS 39305 (601) 483-5365 FAX (601) 486-1278



Logo referenced in Directive 2002/96/EC Annex IV
(OJ(L)37/36,13.02.03 and defined in EN 50419: 2005
The bar is the symbol for marking of new waste and
is applied only to equipment manufactured after
13 August 2005