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Pyle PHDA6BT

Pyle PHDA6BT 400W Stereo Amplifier Receiver User Manual

Model: PHDA6BT

INTRODUCTION

This manual provides comprehensive instructions for the setup, operation, and maintenance of your Pyle PHDA6BT 400W Stereo Amplifier Receiver. Please read this manual thoroughly before using the device to ensure proper functionality and to maximize your audio experience. Keep this manual for future reference.



Figure 1: Pyle PHDA6BT Stereo Amplifier Receiver. This image displays the Pyle PHDA6BT 400W Stereo Amplifier Receiver from a front-right angle, showcasing its compact black design and the included remote control. The front panel features various knobs and buttons for audio control, an LED display, and USB/SD card slots. The remote control is positioned in front of the unit.

PRODUCT FEATURES

- **400 Watt Max Power Output:** Delivers robust audio performance for various applications.
- **Versatile Connectivity:** Includes USB, SD card readers, 3.5mm Aux input, and Bluetooth for wireless streaming.

- **Multiple Digital Inputs:** Supports Phono, Optical, Coaxial, and HDMI (2-in-1) digital inputs and outputs.
- **Karaoke Functionality:** Features two 1/4" microphone jacks with adjustable volume, reverb, bass, and treble controls, plus mic talk-over capability.
- **Integrated FM Radio:** Built-in FM radio with LED display for convenient access to radio stations.
- **Intuitive Audio Control:** Front panel controls for treble, bass, volume, subwoofer, and balance adjustments.
- **Compact Design:** Suitable for various home audio setups.

PACKAGE CONTENTS

Verify that all items are present in the package:

- Pyle PHDA6BT Stereo Amplifier Receiver
- Remote Control
- FM Antenna



Figure 2: Package Contents. This image shows the items included in the Pyle PHDA6BT package: the main stereo amplifier unit, a remote control for convenient operation, and an FM antenna for radio reception.

FRONT PANEL CONTROLS



Figure 3: Front Panel Layout. This diagram illustrates the front panel of the Pyle PHDA6BT amplifier, highlighting each control with a corresponding number and description.

- 1. Power Button:** Turns the unit on or off.
- 2. Mic Volume:** Adjusts the volume level of the connected microphones.
- 3. Mic 1/2 Input:** 1/4-inch jacks for connecting microphones.
- 4. Mic Bass:** Adjusts the bass level for microphone input.
- 5. Mic Treble:** Adjusts the treble level for microphone input.
- 6. Reverb Control:** Adjusts the reverb effect for microphone input.
- 7. Delay:** Adjusts the delay effect for microphone input.

8. **Bass Control:** Adjusts the bass level for main audio output.
9. **Treble Control:** Adjusts the treble level for main audio output.
10. **Balance:** Adjusts the left/right channel balance.
11. **Subwoofer Volume:** Adjusts the volume level of the subwoofer output.
12. **SD/MMC Reader:** Slot for inserting SD/MMC memory cards for audio playback.
13. **USB Reader:** Port for connecting USB flash drives for audio playback.
14. **Music Volume:** Main volume control for all audio sources.

REAR PANEL CONNECTIONS



Figure 4: Rear Panel Connections. This image provides a detailed view of the rear panel connections on the Pyle PHDA6BT amplifier, with numbered labels indicating each port.

1. **FM Antenna:** Connect the included FM antenna for radio reception.
2. **Optical Input:** Digital audio input for connecting devices with optical output.

3. **Coaxial Input:** Digital audio input for connecting devices with coaxial output.
4. **HD1 Input:** HDMI input 1 for video and audio sources.
5. **HD2 Input:** HDMI input 2 for video and audio sources.
6. **TV Output:** HDMI output to connect to your television.
7. **Aux Input:** RCA stereo audio input for analog devices.
8. **Audio Input:** Additional RCA stereo audio input.
9. **Audio Output:** RCA stereo audio output for connecting to other audio equipment.
10. **Speaker Output (L/R):** Connect passive speakers (left and right channels).
11. **Subwoofer Output:** Connect a powered subwoofer.
12. **Voltage Switch:** Selects between 110V and 220V power supply. Ensure this is set correctly for your region before connecting power.

SETUP INSTRUCTIONS

1. Speaker Connection

Connect your passive speakers to the **Speaker Output (L/R)** terminals on the rear panel. Ensure correct polarity (positive to positive, negative to negative) for optimal sound. If using a powered subwoofer, connect it to the **Subwoofer Output**.

2. Input Source Connection

Connect your audio and video sources to the appropriate inputs on the rear panel:

- **Analog Audio:** Use RCA cables to connect devices like CD players, turntables (via a phono preamp if needed), or other audio sources to the **Aux Input** or **Audio Input**.
- **Digital Audio:** Use optical or coaxial cables to connect compatible devices to the **Optical Input** or **Coaxial Input**.
- **HDMI Devices:** Connect HDMI sources (e.g., Blu-ray player, game console, media box) to **HD1 Input** or **HD2 Input**. Connect your television to the **TV Output** via an HDMI cable.
- **FM Antenna:** Connect the supplied FM antenna to the **FM Antenna** terminal. Extend the antenna for better reception.

MULTIPLE INPUTS

Easily connects to various audio sources.



AUX



USB



SD/MMC



MIC



HD



RCA



Figure 5: Multiple Input Options. The image showcases the versatility of the Pyle PHDA6BT amplifier by displaying various input options, including USB, CD/DVD, projector, turntable, and TV connections.

HD SUPPORT

Elevate your viewing experience with 2-in-1 HDMI Output.

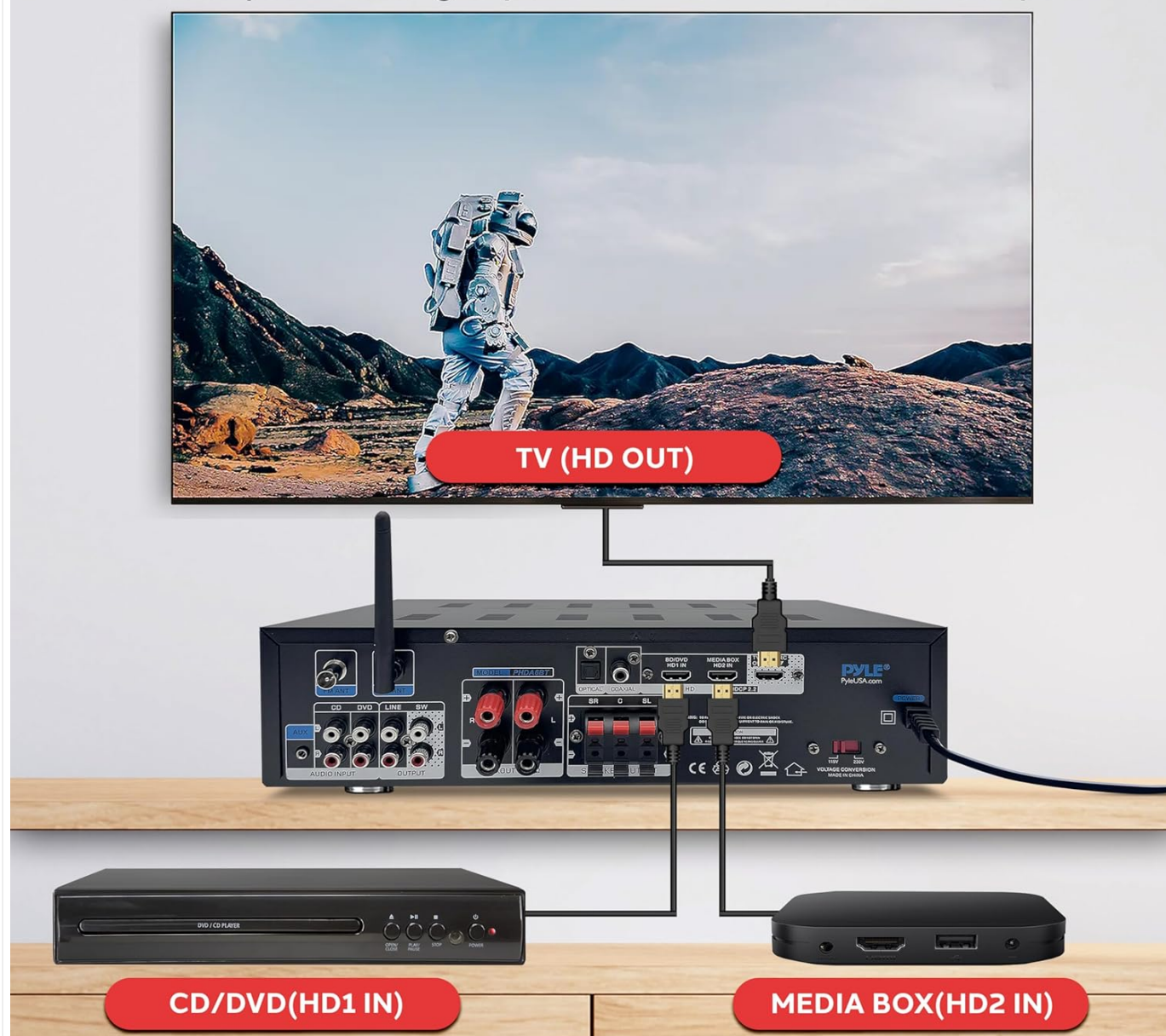


Figure 6: HDMI Connection Example. This image depicts the Pyle PHDA6BT amplifier integrated into a home entertainment setup, showing connections to a television and two source devices via HDMI cables.

3. Power Connection

Before connecting the power cord, ensure the **Voltage Switch** on the rear panel is set to the correct voltage for your region (110V or 220V). Then, connect the power cord to the amplifier and plug it into a suitable wall outlet.

OPERATING INSTRUCTIONS

Power On/Off

Press the **Power Button** on the front panel or the remote control to turn the amplifier on or off.

Source Selection

Use the input selector buttons on the front panel or remote control to choose your desired audio source (e.g., Bluetooth, USB, SD, FM, Aux, Optical, Coaxial, HDMI).

Volume Control

Adjust the overall listening volume using the large **Music Volume** knob on the front panel or the volume buttons on the remote control.



Figure 7: Adjusting Music Volume. This image shows a hand turning the main music volume knob on the front panel of the Pyle PHDA6BT amplifier.

Bluetooth Operation

To connect a Bluetooth device:

1. Select Bluetooth as the input source. The display will show 'BLUE'.
2. Enable Bluetooth on your smartphone or other device and search for available devices.
3. Select 'Pyle PHDA6BT' from the list to pair.
4. Once paired, you can stream audio wirelessly to the amplifier.

BLUETOOTH CONNECTION

Enjoy wireless freedom with built-in bluetooth technology.



BT
VER. 5.0



40FT.
BT RANGE



HASSLE-FREE
PAIRING



Figure 8: Bluetooth Connectivity. The image illustrates the Pyle PHDA6BT amplifier wirelessly connected to a smartphone via Bluetooth, with the amplifier's display showing 'BLUE'.

USB/SD Playback

Insert a USB flash drive or SD/MMC card into the respective slot on the front panel. The amplifier will automatically switch to USB/SD mode and begin playing compatible audio files. Use the playback controls (play/pause, next/previous track) on the front panel or remote.

FM Radio Operation

Select FM as the input source. Use the tuning controls to scan for and select radio stations. The LED display will show the current frequency.

HDMI Switching

When HDMI is selected as the input source, the amplifier acts as a 2-in-1 HDMI switch. Use the input selector to switch between HD1 and HD2 inputs. The selected video and audio will be routed to the **TV Output**.

Microphone and Karaoke Functions

Connect microphones to the **Mic 1/2 Input** jacks. Adjust microphone volume using the **Mic Volume** knob. Fine-tune the microphone sound with **Mic Bass**, **Mic Treble**, **Reverb Control**, and **Delay** knobs. The mic talk-over feature allows the microphone audio to temporarily lower the music volume.



Figure 9: Microphone Inputs. This close-up image highlights the two 1/4-inch microphone input jacks on the front panel of the Pyle PHDA6BT amplifier.

Audio Adjustments

Use the dedicated knobs on the front panel to adjust:

- **Bass Control:** Enhances or reduces low-frequency sounds.
- **Treble Control:** Enhances or reduces high-frequency sounds.
- **Balance:** Adjusts the relative volume between the left and right speakers.
- **Subwoofer Volume:** Controls the output level of the connected subwoofer.

MAINTENANCE

To ensure the longevity and optimal performance of your Pyle PHDA6BT amplifier, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the unit. Do not use liquid cleaners or abrasive chemicals, as they may damage the finish.
- **Ventilation:** Ensure that the ventilation openings on the amplifier are not blocked. Adequate airflow is crucial to prevent overheating.
- **Placement:** Place the amplifier on a stable, flat surface away from direct sunlight, heat sources, and excessive moisture.
- **Power Off:** Always turn off and unplug the unit before performing any cleaning or maintenance.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Power cord not connected; Power outlet faulty; Voltage switch incorrect.	Ensure power cord is securely plugged in. Test the outlet with another device. Verify the voltage switch (110V/220V) on the rear panel is set correctly.
No sound output	Incorrect input source selected; Speaker connections loose or incorrect; Volume too low; Mute function active.	Select the correct input source. Check all speaker wire connections for proper polarity and secure fit. Increase the main volume. Ensure the unit is not muted.

Problem	Possible Cause	Solution
Poor sound quality	Loose cables; Incorrect audio settings (bass/treble); Source device issue.	Check all audio cable connections. Adjust Bass and Treble controls. Test with a different audio source.
Bluetooth not connecting	Amplifier not in Bluetooth mode; Device too far; Device already paired with another unit.	Ensure the amplifier is set to Bluetooth input. Move your device closer to the amplifier. Disconnect your device from other Bluetooth connections and try again.
Microphone not working	Microphone not plugged in correctly; Mic volume too low; Microphone faulty.	Ensure microphones are fully inserted into the Mic Input jacks. Increase the Mic Volume. Test with a different microphone.
HDMI signal issues (no video/audio)	Incorrect HDMI input selected; HDMI cables faulty; TV not on correct input.	Select the correct HDMI input (HD1 or HD2). Check and replace HDMI cables if necessary. Ensure your TV is set to the HDMI input connected to the amplifier's TV Output.

SPECIFICATIONS

Feature	Detail
Model Number	PHDA6BT
Power Output	400 Watts (Max)
Connectivity Technology	Bluetooth
Audio Output Mode	Stereo
Surround Sound Channel Configuration	4
Total HDMI Ports	3 (2 In, 1 Out)
Compatible Devices	Amplifier, Speaker
Special Features	Built-In Bluetooth, Compact Design
Controller Type	Hand Control (Remote)
Color	Black
Item Weight	5.05 pounds
Package Dimensions	15.55 x 12.56 x 5.67 inches

WARRANTY AND SUPPORT

Pyle products are designed and manufactured to the highest quality standards. For specific warranty information, please refer to the warranty card included with your product or visit the official Pyle website. For technical support, troubleshooting assistance, or service inquiries, please contact Pyle customer support through their official channels.

Related Documents - PHDA6BT

	<p>PYLE PT796BT Wireless BT Streaming Home Theater Receiver User Manual</p> <p>This user manual provides detailed instructions for the PYLE PT796BT Wireless BT Streaming Home Theater Receiver. Learn how to set up and operate this 7.1-Channel Surround Sound Stereo Amplifier System, featuring 4K Ultra HD support, MP3/USB/AM/FM Radio playback, and 2000 Watt MAX power. Includes sections on safety precautions, front/rear panel functions, remote control operation, system connections, advanced features like Bluetooth and ARC, troubleshooting, technical specifications, and important warnings.</p>
	<p>Pyle PREA90WBT Stereo Wireless BT Home Theater Amplifier User Manual</p> <p>User manual for the Pyle PREA90WBT Stereo Wireless BT Home Theater Amplifier, detailing operation, features, connectivity, technical specifications, and safety information.</p>
	<p>Pyle PREA86BTH Desktop Stereo Pre-amplifier User Manual Features, Specs, BT</p> <p>Comprehensive user manual for the Pyle PREA86BTH Desktop Stereo Pre-amplifier. Learn about its features including USB playback, Bluetooth streaming, FM radio, HDMI, and dual 10-band EQ. Includes front/back panel controls, remote functions, and technical specifications.</p>
	<p>Pyle PDA63BTEU-PDA63BTUK 200W Wireless Bluetooth Amplifier User Guide</p> <p>Get the most out of your Pyle PDA63BTEU-PDA63BTUK 200W wireless Bluetooth streaming amplifier. This user guide covers setup, features, controls, technical specifications, and safety information for this multi-channel home audio receiver.</p>
	<p>Pyle PCAU48BT Wireless BT Mini Stereo Power Amplifier User Manual Features, Specs, Controls</p> <p>Comprehensive user manual for the Pyle PCAU48BT Wireless BT Mini Stereo Power Amplifier. Details features, front/rear panel controls, remote functions, technical specifications, care instructions, and Bluetooth connectivity for this 2x120W amplifier.</p>
	<p>Pyle PT8050CH & PT12050CH 8/12-Channel Audio Karaoke Wireless BT Amplifier User Manual</p> <p>User manual for the Pyle PT8050CH and PT12050CH 8/12-Channel Audio Karaoke Wireless BT Amplifier. This guide covers features, controls, troubleshooting, and technical specifications for these stage and studio sound mixer receiver systems.</p>