

## Pyle PDA9HBU.5

# Pyle PDA9HBU.5 Wireless Bluetooth Home Stereo Amplifier User Manual

Model: PDA9HBU.5

## 1. INTRODUCTION

The Pyle PDA9HBU.5 is a multi-channel home stereo amplifier designed to deliver high-quality amplified audio for your home theater system. Featuring 200 watts of power, this compact receiver offers versatile connectivity options including Bluetooth for wireless music streaming, HDMI, optical, phono, coaxial, USB/SD, AUX, and RCA inputs. It also includes an FM radio and two 1/4-inch microphone inputs, making it suitable for various audio applications, including karaoke.

This manual provides detailed instructions for the proper setup, operation, and maintenance of your Pyle PDA9HBU.5 amplifier to ensure optimal performance and longevity.

## 2. SAFETY INSTRUCTIONS

- **Power Source:** Ensure the amplifier is connected to a power supply matching the voltage specified on the unit.
- **Ventilation:** Do not block ventilation openings. Allow adequate space around the unit for proper airflow to prevent overheating.
- **Water and Moisture:** Do not expose the unit to rain, moisture, or excessive humidity. Keep liquids away from the amplifier.
- **Heat Sources:** Avoid placing the unit near heat sources such as radiators, heat registers, stoves, or other heat-producing appliances.
- **Cleaning:** Disconnect the power cord before cleaning. Use a soft, dry cloth. Do not use liquid cleaners or aerosol cleaners.
- **Servicing:** Do not attempt to service this product yourself. Refer all servicing to qualified service personnel.
- **Placement:** Place the unit on a stable, flat surface to prevent it from falling.

### 3. PACKAGE CONTENTS

Please check that all items are present in the package:

- Pyle PDA9HBU.5 Desktop Stereo Amplifier
- Remote Control
- FM Antenna
- Quick Start Guide

### 4. PRODUCT OVERVIEW

#### 4.1 Front Panel



**Description:** This image shows the front panel of the Pyle PDA9HBU.5 amplifier, highlighting the main controls, LCD display, and included remote control. Key features visible include the power button, microphone volume and echo controls, bass and treble adjustments, master volume knob, input selector, USB/SD card slots, and the digital LCD display.

#### 4.2 Rear Panel

# BLUETOOTH HOME STEREO AMPLIFIER



**Description:** The rear view of the Pyle PDA9HBU.5 amplifier displays all available ports for connecting speakers, audio sources like HDMI, optical, coaxial, phono, RCA, and antenna inputs. It includes main speaker output terminals, HDMI IN/OUT, digital audio inputs, RCA audio inputs/outputs, and connections for the Bluetooth and FM antennas.

## 5. SETUP

### 5.1 Connecting Speakers

Connect your passive speakers to the **MAIN SPEAKER INPUT** terminals on the rear panel using banana plugs or bare speaker wire. Ensure correct polarity (positive to positive, negative to negative) for each speaker to avoid phase issues.

## 5.2 Connecting Audio Sources

- **HDMI:** Connect HDMI-enabled devices (e.g., Blu-ray player, game console) to the **HDMI IN** port. Use the **HDMI OUT** port to connect to a display.
- **Optical/Coaxial:** For digital audio sources, connect to the respective **OPTICAL** or **COAXIAL** digital signal inputs.
- **Phono/CD/DVD:** Use the **RCA (L/R) Audio Input Connectors** labeled CD/PHONO or DVD for analog audio devices. Ensure the PHONO/CD switch is set correctly for a turntable.
- **AUX:** Connect portable audio devices using a 3.5mm jack to the **AUX** input on the front panel.
- **USB/SD:** Insert a USB flash drive or SD memory card into the corresponding slots on the front panel for media playback.

## 5.3 Antenna Connection

- **FM Antenna:** Connect the included FM antenna to the **FM ANTENNA** terminal on the rear panel for radio reception. Extend the antenna for better signal.
- **Bluetooth Antenna:** Ensure the Bluetooth antenna on the rear panel is securely attached and positioned for optimal wireless range.

# 6. OPERATING INSTRUCTIONS

## 6.1 Power On/Off

Press the **POWER** button on the front panel to turn the amplifier on or off. The LCD display will illuminate when the unit is powered on.

## 6.2 Input Selection

Rotate the **INPUT SELECTOR** knob on the front panel to choose your desired audio source (e.g., HDMI, Optical, Coaxial, Phono, DVD, MP3/BT/AUX).

## 6.3 Volume Control

Adjust the overall sound level using the large **VOLUME** knob on the front panel. Start with a low volume and gradually increase it to a comfortable listening level.

## 6.4 Tone Control

Use the **BASS** and **TREBLE** knobs on the front panel to adjust the low and high frequency response of the audio output according to your preference.

## 6.5 Microphone Operation





**Description:** This image illustrates the amplifier's two 1/4-inch microphone input jacks, ideal for karaoke or public address applications.

- Connect up to two microphones to the **MIC 1** and **MIC 2** 1/4-inch input jacks.
- Adjust the microphone volume using the **MIC VOL** knob.
- Control the echo effect for the microphones using the **ECHO** knob.

## 6.6 Bluetooth Pairing



**Description:** An image demonstrating the amplifier's Bluetooth connectivity feature, allowing wireless audio streaming from devices like smartphones and tablets.

- Select the **MP3/BT/AUX** input using the input selector.
- On your Bluetooth-enabled device (smartphone, tablet, laptop), search for available Bluetooth devices.
- Select the network name '**PDA9HBU**' from the list.
- Once paired, you can stream audio wirelessly to the amplifier. The wireless range is approximately 40+ feet.

## 6.7 FM Radio Operation





**Description:** A detailed view of the amplifier's digital LCD screen, which provides information such as the current track title, playback time, and selected FM radio station.

- Select the **MP3/BT/AUX** input and then switch to FM mode using the front panel controls or remote.
- Use the **Radio Station Auto-Search Scan** function to find and save available FM stations.
- Navigate through saved stations using the appropriate buttons. The LCD display will show the current FM station.

## 6.8 USB/SD Playback

- Insert a USB flash drive or SD memory card containing MP3 or WAV audio files into the respective slot.
- The amplifier will automatically switch to USB/SD mode or you may need to select it via the input selector.
- Use the front panel controls or remote to play, pause, skip tracks, and navigate folders. The LCD display provides ID3 tag song readout, showing track title and time.
- The USB port also doubles as a device charging port.

## 6.9 Remote Control Usage

The included remote control allows for convenient adjustment of various functions from a distance. It can control input selection, volume, track navigation for USB/SD/Bluetooth, and FM radio functions. Note that some primary controls like master volume and tone adjustments are primarily handled via the front panel knobs.

## 7. MAINTENANCE

- **Cleaning:** Regularly wipe the unit with a soft, dry, lint-free cloth. Do not use abrasive cleaners, waxes, or solvents.
- **Ventilation:** Ensure that the ventilation openings remain clear of dust and debris.
- **Storage:** If storing the amplifier for an extended period, disconnect it from the power supply and store it in a cool, dry place away from direct sunlight and extreme temperatures.

## 8. TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Power cord not connected; Power outlet faulty; Unit switch off	Check power cord connection; Try a different outlet; Ensure power switch is ON
No sound output	Incorrect input selected; Speaker wires loose/incorrectly connected; Volume too low; Mute activated	Select correct input source; Check speaker connections and polarity; Increase volume; Deactivate mute function
Distorted sound	Volume too high; Speaker impedance mismatch; Source audio quality poor	Reduce volume; Ensure speakers match amplifier impedance (4-16 Ohm); Check audio source quality
Bluetooth not connecting	Amplifier not in Bluetooth mode; Device too far; Interference; Incorrect pairing name	Select MP3/BT/AUX input; Move device closer; Reduce interference; Ensure 'PDA9HBU' is selected
FM radio static/poor reception	FM antenna not connected/extended; Weak signal	Connect and fully extend FM antenna; Reposition antenna for better signal
USB/SD not reading	Unsupported file format; Corrupted files; Drive/card not properly inserted	Ensure files are MP3 or WAV; Check drive/card for corruption; Reinsert USB/SD card

## 9. SPECIFICATIONS

Feature	Specification
MAX Power Output	25 Watt (@ 4 Ohm)
RMS Power Output	20 Watt x 2 (@ 8 Ohm)
Tone Control (Bass)	f=100Hz +/-8dB



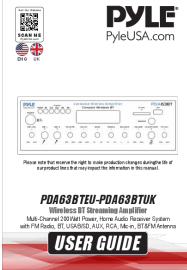




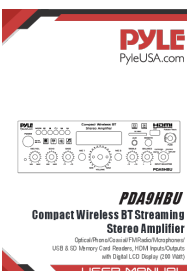
Feature	Specification
Tone Control (Treble)	f=10 KHz +/-8dB
Frequency Response	20Hz-20 kHz
Frequency Adjustment	+/-2dB
Signal to Noise Ratio	>71dB
T.H.D.	48dB
Power Supply	115V/230V, Switchable
Dimensions (L x W x H)	9.8" x 9.8" x 3.15" inches
Bluetooth Version	2.1
Bluetooth Network Name	'PDA9HBU'
Wireless Range	40'+ Ft.
Audio File Support	MP3/WAV
Microphone Inputs	(2) 1/4" Jacks
Audio Input Connectors	(2) Pairs RCA (L/R), HDMI, Optical, Coaxial, 3.5mm AUX
Speaker Output Connectors	(2) Pairs Banana Plug
Audio Output Connectors	(2) Pairs RCA (L/R)

## 10. WARRANTY AND SUPPORT

Pyle products are designed and manufactured to the highest quality standards. This product is covered by a limited warranty against defects in materials and workmanship. For specific warranty terms, registration, and technical support, please refer to the warranty card included with your product or visit the official Pyle website at [www.pyleusa.com](http://www.pyleusa.com).

For any questions or assistance, please contact Pyle customer support.



	<p><a href="#">Pyle PDA63BTEU-PDA63BTUK 200W Wireless Bluetooth Amplifier User Guide</a></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><a href="#">PYLE PT796BT Wireless BT Streaming Home Theater Receiver User Manual</a></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><a href="#">Pyle PCA4BT Wireless BT Streaming Desktop Amplifier User Manual</a></p> <p>User manual for the Pyle PCA4BT Wireless BT Streaming Desktop Amplifier. Provides detailed information on features, controls, safety instructions, connection diagrams, and technical specifications for this compact audio receiver amplifier.</p>
	<p><a href="#">Pyle PTA44BT 4-Channel Audio Amplifier User Manual</a></p> <p>User manual for the Pyle PTA44BT 4-Channel Audio Amplifier, a 500 Watt, 4-channel device with multi-source inputs including 1/4" audio/microphone, MP3/USB/SD readers, FM radio, and built-in Bluetooth audio streaming. This guide covers safety precautions, front and back panel controls, connectivity options, Bluetooth pairing, technical specifications, and remote control functions.</p>
	<p><a href="#">Pyle PTA44BT Wireless BT Home Audio Amplifier User Guide</a></p> <p>This user guide provides detailed information on operating and maintaining the Pyle PTA44BT 4-Channel Wireless Bluetooth Home Audio Amplifier, including features, setup, controls, connectivity, and technical specifications.</p>
	<p><a href="#">Pyle PDA9HBU Compact Wireless BT Streaming Stereo Amplifier User Manual</a></p> <p>User manual for the Pyle PDA9HBU Compact Wireless BT Streaming Stereo Amplifier. Features include Bluetooth, USB/SD playback, FM radio, HDMI, Optical, Phono, Coaxial inputs, and 200 Watt power output. Learn about setup, operation, features, and technical specifications.</p>

Model Difference Declaration

To Whom It May Concern,

We, SOUND AROUND(Amplifier) Trademark: PYLE, Model Number: PDA7BU, PDA7BU.5, PDA6BU.5, PDA6BU, PDA4BU, PDA8BUWM, PDA6BU.6, PDA9HBU, PDA65BU, PDA5BU.5, PPRE70BT, PDA65BU.5, PDA5BU, PDA5BU.0, PDA8BUWM.5, **PDA9HBU.5**, PDA4BU.5, PDA63BU, PTA44BT.5, PTA66...

Please contact me if you have any question.

Name: Greg Weg

Date: Mar. 30, 2022

Title: Compliance

Signature of applicant:



[pdf] Decleration of Conformity

Microsoft Word Product Declaration Administrator Model difference statement SOUND AROUND

PDA7BU Amplifier 2ASQD 2ASQDPDA7BU pda7bu

Model Difference Declaration To Whom It May Concern, We, SOUND AROUND Amplifier Trademark: PYLE; Model Number: PDA7BU, PDA7BU.5, PDA6BU.5, PDA6BU, PDA4BU, PDA8BUWM, PDA6BU.6, PDA9HBU, PDA65BU, PDA5BU.5, PPRE70BT, PDA65BU.5, PDA5BU, PDA5BU.0, PDA8BUWM.5, **PDA9HBU.5**, PDA4BU.5, PDA63BU, PTA44BT.5, PTA66...

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Specification Sheet

MAX Power Output	25 Watt (4 Ohm)
RMS Power Output	20 Watt x 2 (8 Ohm)
Tone Control	Bass: f=100Hz +/-8dB, Treble: f=10KHz +/-8dB
Frequency Response	20Hz-20kHz
Frequency Adjustment	+/- 3dB
Signal to Noise Ratio	>70dB
T.H.D.	<1%
Radio Station Presets	Up to 60 Stations
Separation Degree	>60dB
Power Supply	12VDC/2000mA Rechargeable
Dimensions (L x W x H)	9.8 x 9.8 x 3.5 inches

[pdf] Specifications Dimension Guide

anonymous Specification Sheet Pyle Wireless Bluetooth Home Stereo Amplifier Multi Channel 200 Watt Power Audio Receiver System w HDMI Optical Phono Coaxial FM Radio USB SD AUX RCA Mic Remote PDA9HBU 5 Kitchen 412bR9VuuyL m media amazon images I |||

Specification Sheet MAX Power Output 25 Watt 4 Ohm RMS Power Output 20 Watt x 2 8 Ohm Tone Control Bass, f=100Hz +/-8dB, Treble, f=10 KHz +/-8dB Frequency Response 20Hz-20 kHz Frequency Adjustment +/-2dB Signal to Noise Ratio 71dB T.H.D. 1 Radio Station Presets Up to 60 Stations Separati...

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