

Pyle PDA35BT

Pyle PDA35BT Mini Bluetooth Power Amplifier Instruction Manual

Model: PDA35BT | Brand: Pyle

INTRODUCTION

This manual provides detailed instructions for the safe and efficient operation of your Pyle PDA35BT Mini Bluetooth Power Digital Class D Amplifier. This compact 2-channel stereo amplifier features Bluetooth connectivity, two auxiliary inputs, and a headphone output, making it suitable for various audio setups. Please read this manual thoroughly before use and retain it for future reference.

SAFETY INSTRUCTIONS

- Ensure the power supply voltage matches the requirements specified on the unit.
- Do not expose the unit to rain, moisture, or extreme temperatures.
- Avoid placing the unit near heat sources or in direct sunlight.
- Do not open the amplifier casing. Refer all servicing to qualified personnel.
- Keep the unit away from children.
- Disconnect the power adapter from the wall outlet if the unit will not be used for an extended period.
- Ensure proper ventilation around the unit to prevent overheating.

PACKAGE CONTENTS

Verify that all items are present upon unpacking:

- Pyle PDA35BT Mini Bluetooth Power Amplifier
- Wall Power Adapter (24V DC, 4.5A)
- Bluetooth Antenna
- RCA (L/R) Audio Cable
- Banana Plugs (for speaker connection)
- 3.5mm (AUX) Input Cable



Figure 1: Pyle PDA35BT Amplifier and Accessories

This image displays the compact Pyle PDA35BT amplifier alongside its essential accessories, including the power adapter, detachable Bluetooth antenna, RCA audio cables, banana plugs for speaker wire termination, and a 3.5mm AUX input cable, illustrating a complete package for immediate setup.

PRODUCT OVERVIEW

Front Panel

PDA35BT

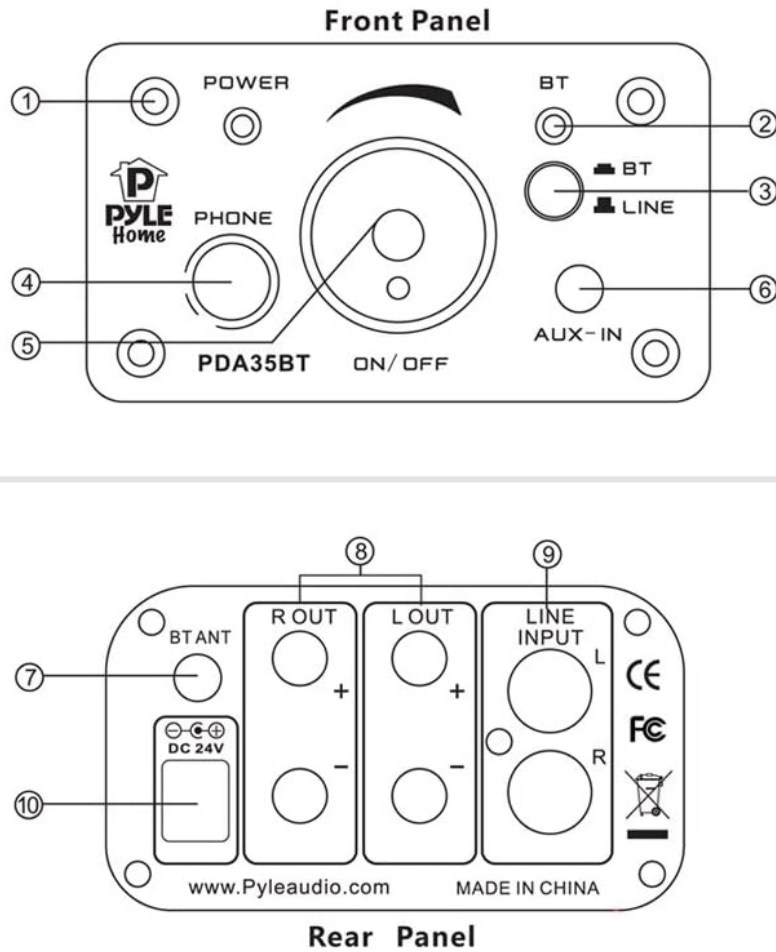


Figure 2: Front and Rear Panel Diagram

This diagram provides a clear, numbered illustration of both the front and rear panels of the Pyle PDA35BT amplifier, highlighting all input, output, and control features for easy identification and setup.

1. **Power Indicator:** Illuminates when the unit is powered on.
2. **BT Indicator:** Illuminates when Bluetooth is active and flashes during pairing.
3. **Input Selector:** Toggle switch to select between Bluetooth (BT) and Line (AUX) input.
4. **Headphone Jack (1/4"):** Connect headphones for private listening. Automatically mutes speaker output.
5. **Volume/ON/OFF Knob:** Rotary control for adjusting master volume and powering the unit on/off.
6. **AUX-IN (3.5mm):** Connect external audio devices via a 3.5mm cable.

Rear Panel

7. **BT ANT (Bluetooth Antenna):** Connect the included Bluetooth antenna for optimal wireless range.
8. **R OUT / L OUT (Speaker Outputs):** Connect passive speakers using banana plugs. Supports 2-channel stereo output (50W x 2 @ 8 Ohm).
9. **LINE INPUT (RCA L/R):** Connect external audio sources using RCA cables.
10. **DC 24V (Power Input):** Connect the included 24V DC power adapter.



Figure 3: Pyle PDA35BT Front and Rear Views

This image provides a clear visual of the Pyle PDA35BT amplifier from both the front and rear, detailing the layout of all control knobs, input jacks, output terminals, and the Bluetooth antenna connection point.

SETUP

1. Connect Speakers:

Connect your passive speakers to the **R OUT** and **L OUT** terminals on the rear panel using banana plugs. Ensure correct polarity (red to red, black to black) for optimal sound quality. This amplifier is designed for bookshelf or small outdoor speakers, not large 10-12 inch speakers or subwoofers.

2. Attach Bluetooth Antenna:

Screw the included Bluetooth antenna onto the **BT ANT** connector on the rear panel.

3. Connect Audio Source (Optional - Wired):

- For RCA input: Connect your audio device (e.g., CD player, TV) to the **LINE INPUT (RCA L/R)** on the rear panel using RCA cables.
- For 3.5mm AUX input: Connect your audio device (e.g., smartphone, tablet) to the **AUX-IN (3.5mm)** jack on the front panel using a 3.5mm audio cable.

4. Connect Power:

Connect the included 24V DC wall power adapter to the **DC 24V** input on the rear panel, then plug the adapter into a suitable wall outlet.

OPERATING INSTRUCTIONS

1. Power On/Off:

Rotate the **Volume/ON/OFF Knob** clockwise to turn the unit on. The **Power Indicator** (1) will illuminate. Rotate counter-clockwise until it clicks to turn off.

2. Bluetooth Pairing:

- Ensure the **Input Selector** (3) is set to **BT**. The **BT Indicator** (2) will flash, indicating it's in pairing mode.
- On your device (smartphone, tablet, etc.), enable Bluetooth and search for "Pyle Audio" or "PDA35BT".
- Select the amplifier from the list to pair. Once connected, the **BT Indicator** (2) will glow solid blue.
- The Bluetooth version is 4.0, offering a range of approximately 30 feet. If no device connects within a certain time, the amplifier may time out. Turn the unit off and on again to re-enter pairing mode.

3. Using AUX Input:

- For 3.5mm AUX-IN (front panel): Connect your device and set the **Input Selector** (3) to **LINE**.
- For RCA LINE INPUT (rear panel): Connect your device and set the **Input Selector** (3) to **LINE**.

4. Headphone Output:

Plug your headphones into the **Headphone Jack (1/4")** (4) on the front panel. The speaker outputs will automatically mute when headphones are connected.

5. Adjusting Volume:

Use the **Volume/ON/OFF Knob** (5) to adjust the overall output volume.

TROUBLESHOOTING

| Problem | Possible Cause | Solution |
|------------------------|---|---|
| No power | Power adapter not connected or faulty; unit not turned on. | Ensure power adapter is securely connected and plugged into a working outlet. Rotate the Volume/ON/OFF knob clockwise to turn on. |
| No sound from speakers | Speakers not connected correctly; input selector incorrect; volume too low; headphones connected. | Check speaker wire connections and polarity. Verify Input Selector is set to the correct source. Increase volume. Disconnect headphones if speakers are desired. |
| Bluetooth not pairing | Unit not in pairing mode; device too far; interference. | Ensure Input Selector is set to BT and BT Indicator is flashing. Move device closer to the amplifier (within 30ft). Turn amplifier off and on again to reset Bluetooth. |
| Distorted sound | Volume too high; faulty cables; speaker impedance mismatch. | Reduce volume. Check and replace audio cables if necessary. Ensure speakers are compatible (8 Ohm recommended). |

SPECIFICATIONS

| Feature | Specification |
|--------------------|---|
| Output Power | 100 Watts (RMS: 50 Watt x 2 @ 8 Ohm) |
| Number of Channels | 2 |
| Bluetooth Version | 4.0 |
| Bluetooth Range | Approx. 30 ft |
| Inputs | 3.5mm AUX-IN (Front), RCA (L/R) Line Input (Rear) |
| Outputs | Banana Plugs (Speaker), 1/4" Headphone Jack |

| Feature | Specification |
|-----------------------------|--------------------|
| Maximum Supply Voltage | 24 Volts (DC) |
| Item Dimensions (L x W x H) | 4.9" x 3.6" x 1.9" |
| Item Weight | 1.06 pounds |


MAINTENANCE




- Clean the unit with a soft, dry cloth. Do not use liquid cleaners or aerosols.
- Keep the unit free from dust and debris to ensure proper ventilation.
- Store the amplifier in a cool, dry place when not in use.

WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the documentation included with your purchase or visit the official Pyle website. Keep your proof of purchase for any warranty claims.

Related Documents - PDA35BT

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|---|---|
|  | <p>Pyle PCA4BT Wireless BT Streaming Desktop Amplifier User Manual</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>Pyle PTA4 2x120W 2-Channel Mini Stereo Power Amplifier User Manual</p> <p>User manual for the Pyle PTA4, a 2x120W 2-channel mini stereo power amplifier with Bluetooth, AUX, CD, and Mic inputs. Features include wireless audio streaming, multiple input options, and a compact design for home or office use.</p> |
|  | <p>Pyle PTA4 2-Channel Mini Stereo Power Amplifier User Manual 2x120W with AUX, CD, Mic Inputs</p> <p>Comprehensive user manual for the Pyle PTA4 2-Channel Mini Stereo Power Amplifier. Details features, controls, safety instructions, connection diagram, and technical specifications for this 2x120 Watt audio amplifier suitable for home, office, and small venues.</p> |

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|  <p>The image shows the cover of the Pyle PTAU45 user manual. It features the Pyle logo at the top, a photograph of the black amplifier unit, and the text 'PTAU45 Compact Wireless BT Stereo Power Amplifier', 'Compact Audio Amp with Microphone Input, MP3/USB Reader (2 x 120 Watt)', and 'User Manual'.</p> | <p>Pyle PTAU45 Compact Wireless BT Stereo Power Amplifier User Manual</p> <p>User manual for the Pyle PTAU45, a compact wireless Bluetooth stereo power amplifier with microphone input, MP3/USB reader, and 2x120 Watt output. Includes safety instructions, features, specifications, and connection diagrams.</p> |
|  <p>The image shows the cover of the Pyle PTAU45 2x120W Stereo Power Amplifier user manual. It features the Pyle logo, a photograph of the amplifier, and the text 'PTAU45 2x120W Max Stereo Power Amplifier with AUX/CD/USB inputs and MIC/PAGER USER MANUAL'.</p> | <p>Pyle PTAU45 2x120W Stereo Power Amplifier User Manual</p> <p>User manual for the Pyle PTAU45 2x120W Stereo Power Amplifier, detailing its features, controls, connection diagram, and specifications. Includes important safety instructions.</p> |
|  <p>The image shows the cover of the Pyle PDA77BU user guide. It features the Pyle logo, a photograph of the receiver, and the text 'PDA77BU Compact Home Theater Amplifier Stereo Receiver with Bluetooth Wireless Streaming, Independent Mic Echo & Volume Control, MP3/USB/SD/AUX/FM (800 Watt) USER GUIDE'.</p> | <p>PYLE PDA77BU Compact Home Theater Amplifier Stereo Receiver User Guide</p> <p>User guide for the PYLE PDA77BU Compact Home Theater Amplifier Stereo Receiver, featuring Bluetooth wireless streaming, independent mic echo & volume control, MP3/USB/SD/AUX/FM radio, and 800 Watts of power.</p> |