

Pyle PTA4

Pyle PTA4 Home Audio Power Amplifier User Manual

Model: PTA4 | Brand: Pyle

INTRODUCTION

The Pyle PTA4 Mini Stereo Power Amplifier is designed to provide high-quality audio amplification for various applications, including home theater systems, PA systems, and studio setups. This compact and durable amplifier offers versatile input options and controls for an optimal audio experience.

IMPORTANT SAFETY INFORMATION

WARNING: To prevent electric shock, do not use this (polarized) plug with an extension cord receptacle or other outlet unless the blades can be fully inserted to prevent blade exposure. For continued protection against risk of fire, replace only with the same type fuse.

- Read all instructions carefully before operating the appliance.
- Keep this manual for future reference.
- Do not expose this appliance to rain or moisture.
- Ensure proper ventilation and do not block any ventilation openings.
- Disconnect the power cord before changing the fuse.

PRODUCT OVERVIEW



Figure 1: Front View of the Pyle PTA4 Amplifier. Shows power switch, AUX-IN, headphone jack, microphone volume, master volume, balance, bass, treble, and input selector.



Dimensions:

Figure 2: Back View of the Pyle PTA4 Amplifier. Displays MIC input, CD/AUX1/AUX2 RCA inputs, REC output, speaker terminals, voltage

SETUP GUIDE

1. Unpacking

Carefully remove the Pyle PTA4 amplifier from its packaging. Ensure all components are present: the amplifier unit and the user manual. Inspect the unit for any signs of damage during transit.

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Video 1: Unboxing and initial overview of the Pyle PTA4 amplifier.

2. Connecting Audio Sources

The PTA4 offers multiple input options for various audio devices:

- **RCA Inputs (CD, AUX1, AUX2):** Connect audio devices such as CD players, tuners, tape decks, camcorders, or VCRs to the corresponding RCA input pairs on the rear panel.
- **1/4" MIC Input Jack:** Located on the rear panel, this input is for connecting a microphone.
- **3.5mm AUX-IN Jack:** Conveniently located on the front panel, this input allows connection of portable devices like iPods, MP3 players, or smartphones.
- **REC RCA Output:** This output allows you to connect the amplifier to a tape deck or other recording device for recording purposes.

3. Connecting Speakers

Connect your speakers to the push-type speaker terminals on the rear panel. Ensure correct polarity (red for positive, black for negative). The total speaker impedance must be at least 4 Ohms per channel in stereo mode. This amplifier is designed for a pair of speakers (left and right channels).

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Video 2: Demonstration of speaker connections and basic setup.

4. Power Connection

Before plugging in the unit, verify the voltage selector switch on the rear panel is set to the correct voltage for your region (110V/60Hz for USA/Canada or 220V/50Hz for European operation). Once set, connect the power cord to a suitable electrical outlet.

OPERATING INSTRUCTIONS

1. Power On/Off

Press the **POWER** switch on the front panel to turn the amplifier on or off. The Power On LED indicator will illuminate when the unit is active.

2. Input Selection

Use the rotary input selector knob on the front panel to choose your desired audio source (AUX1, AUX2, CD, or the front 3.5mm AUX-IN).

3. Volume and Tone Controls

- **Master Volume:** Adjust the overall output volume using the large **VOLUME** knob.
- **Bass/Treble:** Use the **BASS** and **TREBLE** rotary knobs to adjust the low and high frequency response of the audio,

respectively (+/-12 dB at 100 Hz/10 kHz).

- **Balance:** The **BALANCE** knob allows you to adjust the audio output between the left and right channels.
- **Mic Volume:** Control the microphone input level using the **MIC VOLUME** knob.

4. Pager and Mixing Modes

The amplifier features a switch on the rear panel to select between Pager and Mixing modes:

- **Pager Mode:** When set to 'pager', the signal from AUX1, AUX2, and CD inputs will be attenuated by -12 dB, and the signal from the microphone will override for paging (Auto Talkover). This is ideal for announcements.
- **Mixing Mode (Karaoke):** When set to 'mixing', signals from AUX1, AUX2, CD, and MIC will all be active simultaneously. This mode is suitable for karaoke, allowing music to play while you sing through a connected microphone.

5. Headphone Jack

The 1/4" Headphone Jack on the front panel accepts headphones with 1/4-inch plugs. Plugging in headphones will mute the main speaker outputs.

6. Bluetooth 5.1 Connectivity

The Pyle PTA4 amplifier supports Bluetooth 5.1 for wireless audio streaming. To connect your device:

1. Ensure the amplifier is powered on.
2. Select the Bluetooth input on the amplifier (if available via the input selector, or it may automatically switch when a Bluetooth device is paired).
3. Enable Bluetooth on your smartphone or other audio device.
4. Search for "Pyle" or "PTA4" in your device's Bluetooth settings and pair.
5. Once paired, you can stream audio wirelessly to the amplifier.

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Video 3: Overview of the Pyle PTA4 amplifier's features, including Bluetooth connectivity.

MAINTENANCE

Replaceable Power Fuse

The amplifier is equipped with a fuse for protection against power surges and short circuits. If the amplifier suddenly turns off and will not power on, check the fuse located on the rear panel. Disconnect the power cord before attempting to replace the fuse. Replace it with a 1.5-amp, 250-volt, fast-acting 0.2 x 0.8 inches fuse (not included).

TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Power cord disconnected; Blown fuse; Incorrect voltage selector setting.	Ensure power cord is securely plugged in; Check and replace fuse if necessary (see Maintenance); Verify voltage selector is set correctly.
No sound output	Incorrect input selected; Speaker wires disconnected or incorrectly connected; Volume too low; Headphones plugged in.	Select the correct input source; Check speaker connections and polarity; Increase master volume; Unplug headphones.

Problem	Possible Cause	Solution
Distorted sound	Input signal too high; Speaker impedance mismatch; Damaged speaker wires.	Reduce input source volume; Ensure speaker impedance is 4-8 Ohms; Check speaker wires for damage.
Microphone not working	Mic volume too low; Incorrect mode selected (e.g., not Pager or Mixing); Microphone faulty.	Increase Mic Volume; Select Pager or Mixing mode; Test with another microphone.
Bluetooth not connecting	Bluetooth not enabled on device; Device too far; Interference.	Ensure Bluetooth is on and discoverable on your device; Move device closer to amplifier; Reduce interference from other wireless devices.

SPECIFICATIONS

Feature	Detail
Power Output	2 x 120 Watt Peak at 4-Ohm
Harmonic Distortion	0.3%
Frequency Response	20 Hz-40 kHz
Tone Controls	Bass & Treble: +/-12 dB (100 Hz/10 kHz)
Input Impedance	10k Ohm
Input Sensitivity	250mV
Power Requirement	120 V AC 60 Hz/230 V AC 50 Hz (Selectable)
Power Fuse	1.5 A, 250 V Fast-Acting (0.2 x 0.8 inches)
Dimensions (W x H x D)	8.27"W x 2.72"H x 5.39"D
Item Weight	3.5 pounds
Color	Black

WARRANTY AND SUPPORT

For warranty information, technical support, or customer service inquiries, please visit the official Pyle website or refer to the documentation included with your product.

- Official Pyle Support Website: [PyleUSA.com/support](https://www.pyleusa.com/support)
- User Manual (PDF): [Download PDF](#)
- User Guide (PDF): [Download PDF](#)

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question