

Pyle PT3300

# Pyle PT3300 4-Channel Home Audio Power Amplifier

Instruction Manual

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1. PRODUCT OVERVIEW

The Pyle PT3300 is a 4-channel hybrid power amplifier designed for home audio and theater systems. It delivers robust sound with a wide dynamic frequency range, suitable for music, voice, and movie playback. This amplifier features multiple audio inputs, microphone inputs, and an A/B speaker selector for versatile connectivity. It is rack-mountable and includes a remote control for convenient operation.

Key Features:

- **Power Output:** Up to 3000 watts peak power, with 800 watts @ 2 ohms, 550 watts @ 4 ohms, and 300 watts @ 8 ohms.
- **Audio Inputs:** Supports 4 external sources (Tape, Tuner, AUX, DVD/CD) and includes two 1/4-inch microphone inputs.
- **Speaker Selection:** A/B speaker selector allows use of either A, B, or both speaker sets.
- **Tone Controls:** Front-mounted rotary faders for bass, treble, and balance adjustments. Master volume control with blue LED illumination.
- **Microphone Features:** Includes an echo effect for microphone inputs.
- **Display:** Built-in VFD display meter shows decibel levels and selected input.
- **Cooling:** Heavy-duty fan cooling system.
- **Mounting:** Removable rack-mount brackets for 3U height installation.
- **Voltage:** 110V/220V switchable operation.



Figure 1: Front view of the Pyle PT3300 amplifier.

## 2. IMPORTANT SAFETY INSTRUCTIONS

- Read all instructions carefully before operating the device.
- Keep this manual for future reference.
- Do not use this apparatus near water.
- Clean only with a dry cloth.
- Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- Do not defeat the safety purpose of the polarized or grounding-type plug.
- Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- Only use attachments/accessories specified by the manufacturer.
- Unplug this apparatus during lightning storms or when unused for long periods of time.
- Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way.

## 3. PACKAGE CONTENTS

Verify that all items are present in the package:

- Pyle PT3300 Power Amplifier Unit
- Remote Control (requires 2 x 'AAA' batteries, not included)
- Removable Rack-Mount Brackets

#### 4. CONTROLS AND CONNECTIONS

Familiarize yourself with the front and rear panels of the PT3300 amplifier to ensure proper setup and operation.

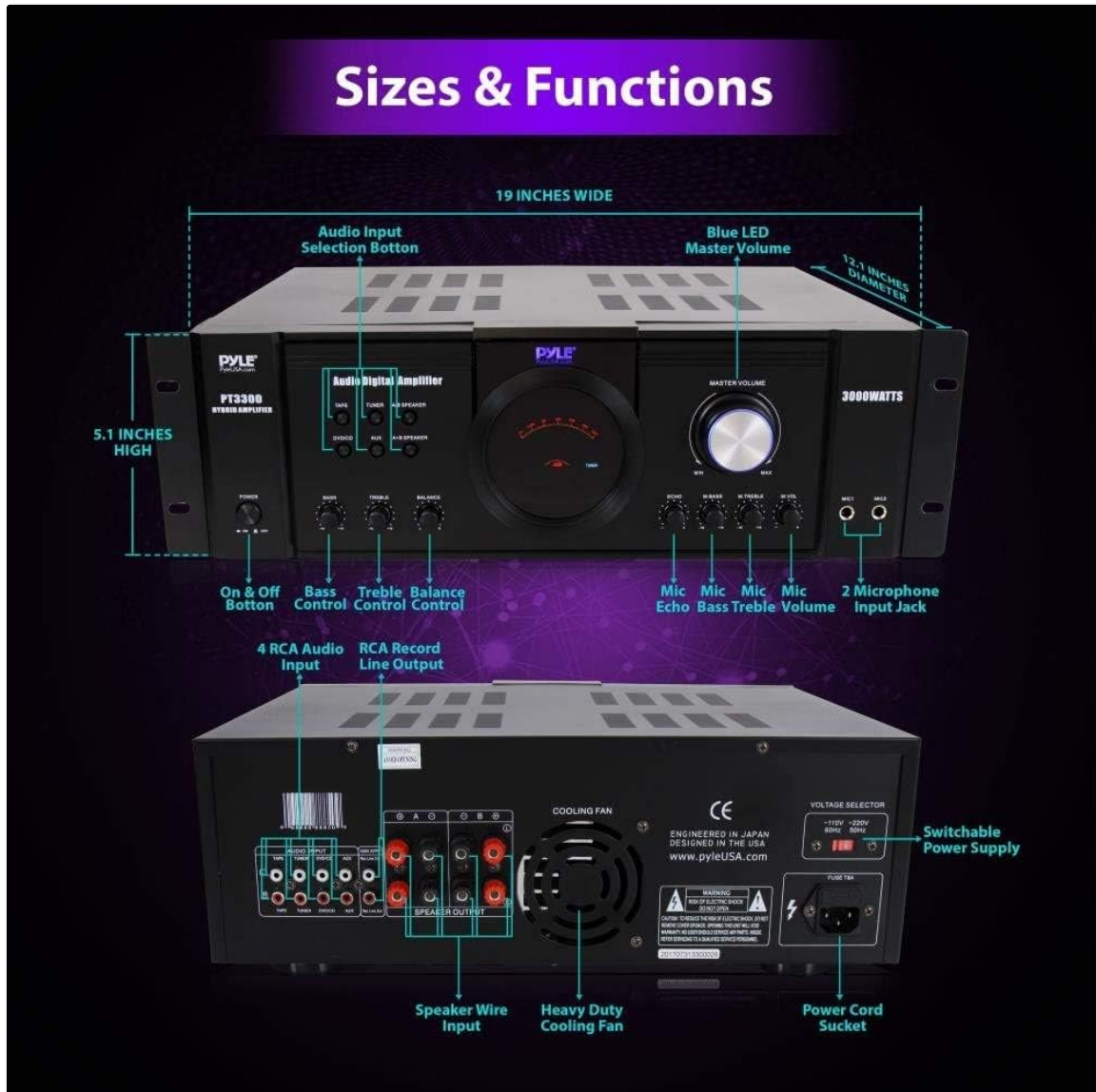


Figure 2: Front and Rear Panel Layout of the PT3300.

##### Front Panel Controls:

- **Power On/Off Button:** Toggles the amplifier's power.
- **Audio Input Selection Buttons:** Select between TAPE, TUNER, AUX, and DVD/CD inputs.
- **A/B Speaker Selector Buttons:** Activates speaker set A, B, or both.
- **Bass Control:** Adjusts low-frequency output.
- **Treble Control:** Adjusts high-frequency output.
- **Balance Control:** Adjusts the left/right channel balance.
- **Master Volume Control:** Main volume adjustment with blue LED illumination.
- **Microphone Input Jacks (2):** 1/4-inch inputs for microphones.
- **Microphone Echo, Treble, Bass, Volume Controls:** Dedicated controls for microphone audio.
- **VFD Display Meter:** Visual indicator for audio levels and selected input.

## Rear Panel Connections:

- **4 RCA Audio Inputs:** Connect external audio sources like DVD/CD players, tuners, or auxiliary devices.
- **RCA Record Line Output:** For connecting to recording devices.
- **Speaker Wire Inputs:** Connect your speaker cables (A and B channels).
- **Heavy Duty Cooling Fan:** Ensures optimal operating temperature.
- **Voltage Selector:** Switch for 110V or 220V operation. Ensure this is set correctly for your region before connecting power.
- **Power Cord Socket:** Connects the amplifier to an AC power outlet.

## 5. SETUP GUIDE

### 5.1 Rack Mounting (Optional)

The PT3300 amplifier is designed for rack mounting and comes with removable brackets. To install in a standard 19-inch rack, attach the provided brackets to the sides of the amplifier using the screws. Ensure adequate ventilation around the unit when rack-mounted.

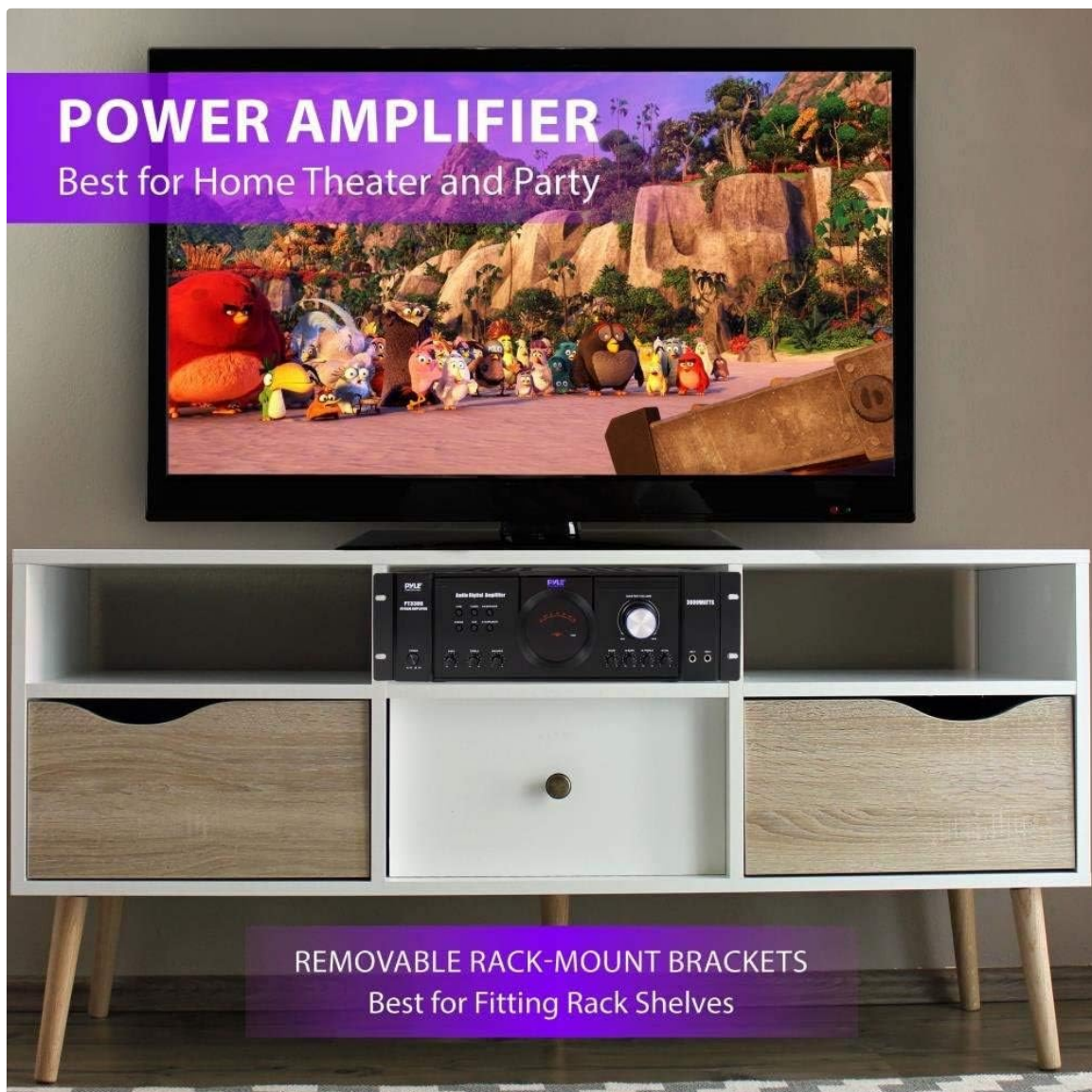


Figure 3: Amplifier with removable rack-mount brackets.

### 5.2 Connecting Speakers

1. Ensure the amplifier is turned off and unplugged from the power outlet.
2. Connect your speakers to the speaker wire inputs on the rear panel. Observe correct polarity (+ to + and - to -) for each speaker.

3. For Speaker Set A, connect the left speaker to the 'A Left' terminals and the right speaker to the 'A Right' terminals.
4. For Speaker Set B, connect the left speaker to the 'B Left' terminals and the right speaker to the 'B Right' terminals.
5. The amplifier supports speakers with an impedance of 2-8 ohms.

### 5.3 Connecting Audio Sources

1. Connect your audio sources (e.g., DVD player, CD player, tuner, auxiliary device) to the corresponding RCA audio input jacks on the rear panel.
2. For devices like MP3 players, smartphones, or computers, use an appropriate 3.5mm to RCA cable to connect to the AUX input.

### 5.4 Power Connection

1. Before connecting the power cord, ensure the Voltage Selector switch on the rear panel is set to the correct voltage for your region (110V or 220V).
2. Plug the power cord into the Power Cord Socket on the rear panel, then plug the other end into a suitable AC power outlet.

## 6. OPERATION

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### 6.1 Powering On/Off

Press the Power On/Off button on the front panel to turn the amplifier on or off. The blue LED on the master volume control will illuminate when the unit is powered on.

### 6.2 Selecting Audio Input

Use the Audio Input Selection buttons (TAPE, TUNER, AUX, DVD/CD) on the front panel to choose your desired audio source. The VFD display will indicate the active input.

### 6.3 Adjusting Volume and Tone

- **Master Volume:** Rotate the large Master Volume knob to adjust the overall output level.
- **Bass/Treble:** Use the Bass and Treble rotary faders to fine-tune the low and high frequencies of your audio.
- **Balance:** Adjust the Balance control to shift audio output between the left and right channels.

### 6.4 Speaker A/B Selection

Press the A/B Speaker Selector buttons to choose which set of speakers is active. You can select Speaker A, Speaker B, or both A and B simultaneously. By default, both speakers are active when the unit is first turned on.

### 6.5 Microphone Usage

1. Plug up to two microphones into the 1/4-inch Microphone Input Jacks on the front panel.
2. Adjust the dedicated Microphone Volume, Bass, Treble, and Echo controls to achieve the desired sound.

### 6.6 Remote Control

The included remote control allows for convenient adjustment of various functions from a distance. Ensure 'AAA' batteries are installed correctly.

## 7. MAINTENANCE

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- **Cleaning:** Disconnect the power before cleaning. Use a soft, dry cloth to wipe the exterior surfaces. Do not use liquid cleaners or aerosols.
- **Ventilation:** Ensure that the ventilation openings on the top and rear of the amplifier are not obstructed to

prevent overheating.

- **Storage:** If storing the unit for an extended period, unplug it from the power source and store it in a cool, dry place.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Power cord not connected; Power outlet not active; Voltage selector incorrect.	Check power cord connection; Test outlet with another device; Verify voltage selector setting.
No sound output	Incorrect input selected; Speaker connections loose or incorrect polarity; Speaker A/B selector off; Volume too low.	Select correct input source; Check all speaker wire connections and polarity; Ensure A/B speaker selector is engaged; Increase master volume.
Humming or buzzing noise	Ground loop issue; Loose audio cables; Interference from other electronics.	Ensure all components are properly grounded; Check and secure all audio cable connections; Move amplifier away from other electronic devices.
Microphone not working	Microphone not connected properly; Microphone volume too low; Microphone faulty.	Ensure microphone is fully plugged in; Increase microphone volume control; Test with another microphone.

9. SPECIFICATIONS

Model Number	PT3300
Brand	Pyle
Power Output	3000 Watts Peak; 800 Watts @ 2 Ohms; 550 Watts @ 4 Ohms; 300 Watts @ 8 Ohms
Audio Output Mode	Stereo
Surround Sound Channel Configuration	4.0
Connectivity Technology	Auxiliary, RCA
Input Sources	Tape, Tuner, AUX, DVD/CD, 2 x 1/4" Microphone
Speaker Impedance	2-8 Ohms
Recommended Uses	Music, Home Theater, Movies
Compatible Devices	Desktop, Laptop, MP3 Player, Projector, Smartphone, Tablet, Television
Mounting Type	Freestanding, Rack-Mountable (3U Height)
Product Dimensions (W x H x D)	19 x 5.1 x 12.1 inches
Item Weight	14.3 pounds
Color	Black
Manufacturer	Pyle

10. WARRANTY AND SUPPORT

### **10.1 Limited Warranty**

This Pyle PT3300 amplifier comes with a limited warranty. Please refer to the warranty card included with your product for specific terms and conditions. Keep your purchase receipt as proof of purchase.

### **10.2 Money-Back Guarantee**

A 30-day money-back guarantee is offered for this product. For details on returns or refunds, please contact your retailer or Pyle customer support.

### **10.3 Customer Support**

For technical assistance, troubleshooting, or service inquiries, please visit the official Pyle website or contact their customer support department. Contact information can typically be found on the product packaging or the Pyle website.