

Pyle PT6060CHAE

Pyle 2000W Bluetooth 5.0 - 6-Channel Home Amplifier User Manual

Brand: Pyle | Model: PT6060CHAE

INTRODUCTION

This manual provides comprehensive instructions for the Pyle 2000W Bluetooth 5.0 - 6-Channel Home Amplifier, model PT6060CHAE. Please read this manual thoroughly before operating the device to ensure proper use and to maximize its performance and longevity. This amplifier is designed for home entertainment systems, offering powerful audio output and versatile connectivity options.

WHAT'S IN THE BOX

- Desktop Stereo Amplifier
- Remote Control
- FM Antenna
- Handles



What's in the Box

- ✓ Desktop Stereo Amplifier
- ✓ Remote Control
- ✓ FM Antenna
- ✓ Handles

Image showing the Pyle PT6060CHAE amplifier along with its included accessories: remote control, FM antenna, and mounting handles.

Key Features

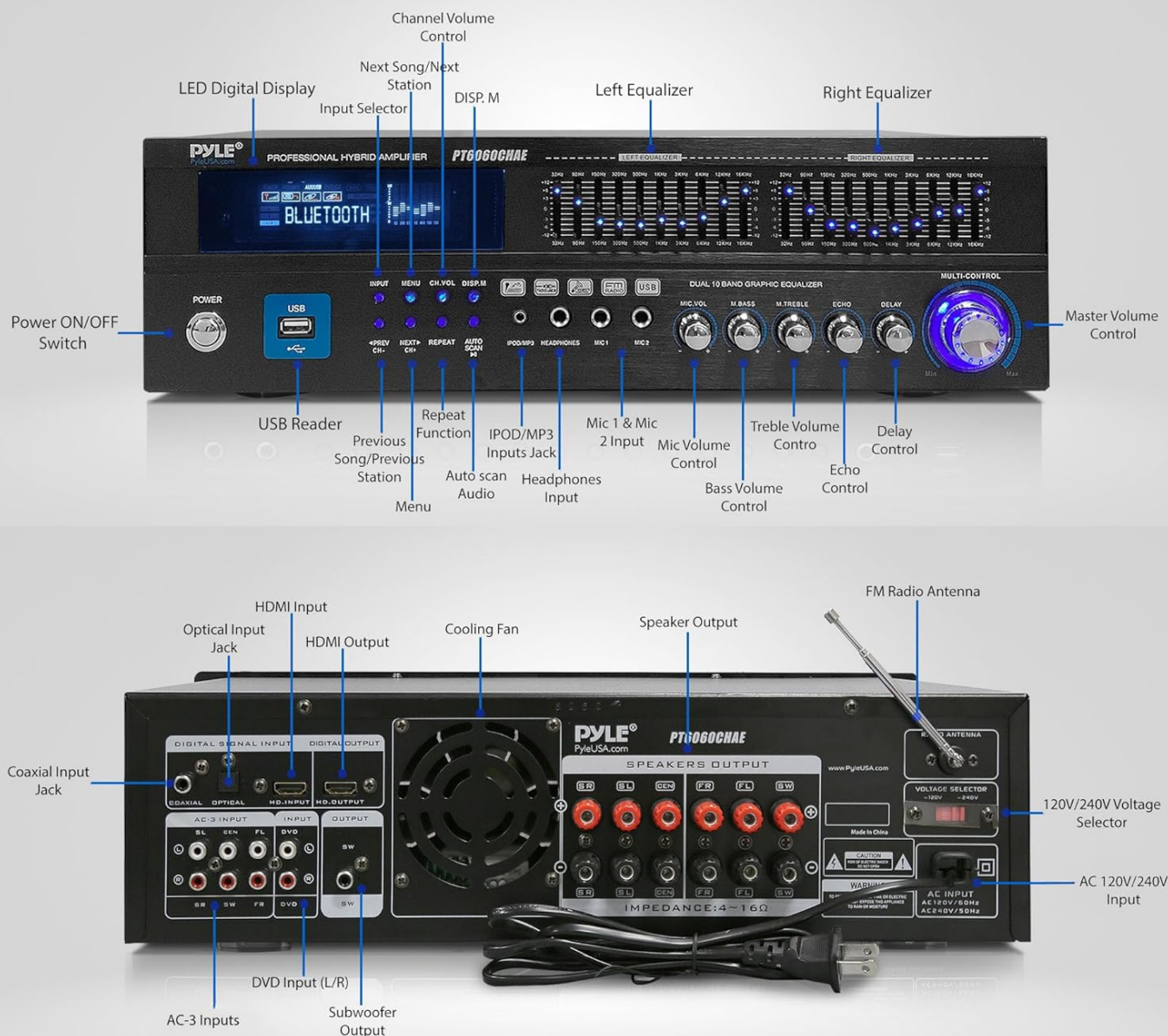
- **2000-Watt Peak Power:** Provides substantial power for multi-speaker setups with 4 ohms impedance.
- **Versatile Inputs:** Supports FM radio, MP3 audio playback, USB reader, AUX 3.5mm, 2 mic inputs, headphone jack, optical/coaxial digital signal inputs, HDMI, AC-3, and DVD inputs.
- **Bluetooth 5.0 Connectivity:** Seamless wireless music streaming from smartphones, tablets, laptops, and computers.
- **Front Panel Control:** Features VFD display, radio station auto-search scan, multi-channel input selection, and rotary controls for mic volume, treble, bass, echo, and master volume.
- **Rack Mount Design:** Universal rack mount design with built-in cooling fan and radio antenna.



Front view of the Pyle PT6060CHAE amplifier, highlighting its display and control knobs.

HOME THEATER

STEREO RECEIVER



Rear view of the Pyle PT6060CHAE amplifier, detailing the various input and output ports for connectivity.

SETUP

- Placement:** Position the amplifier on a stable, flat surface or mount it in a standard audio rack. Ensure adequate ventilation around the unit to prevent overheating.
- Speaker Connection:** Connect your speakers to the "SPEAKER OUTPUT" terminals on the rear panel. Ensure correct polarity (+ to + and - to -) for each speaker. The amplifier supports 4-ohm impedance speakers.
- Audio Input Connection:** Connect your audio sources (DVD player, TV, gaming console, etc.) to the appropriate input jacks (HDMI, Optical/Coaxial, AC-3, DVD, AUX, USB) on the rear or front panel.
- FM Antenna:** Connect the included FM antenna to the "FM ANTENNA" terminal for radio reception. Extend the antenna for optimal signal.
- Power Connection:** Ensure the voltage selector (120V/240V) on the rear panel matches your local power supply. Connect the power cord to the amplifier and then to a wall outlet.
- Microphone/Headphone:** For karaoke or private listening, connect microphones to the MIC inputs and headphones

to the HEADPHONES jack on the front panel.



Detailed diagram illustrating the layout of controls and input/output ports on the Pyle PT6060CHAE amplifier for easy setup.

OPERATING INSTRUCTIONS

Power On/Off

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

Input Selection

Use the **INPUT** selector buttons on the front panel to choose your desired audio source (e.g., Bluetooth, USB, AUX, DVD, HDMI, Optical/Coaxial).

Volume Control

Adjust the overall volume using the **MASTER VOLUME** knob. Individual channel volumes can be adjusted using the **CHANNEL VOLUME** controls.

Tone and Effect Control

Use the **TREBLE** and **BASS** knobs to adjust the high and low frequencies. The **ECHO** knob controls the echo effect for microphone inputs. The dual 10-band EQ allows for precise frequency adjustments.

Bluetooth Pairing

1. Select "Bluetooth" as the input source. The VFD display will show "BLUETOOTH".
2. On your device (smartphone, tablet), enable Bluetooth and search for "Pyle Speaker".
3. Select "Pyle Speaker" to pair. Once connected, the display will indicate successful pairing.
4. You can now stream audio wirelessly from your device to the amplifier.



Demonstration of Bluetooth connectivity, showing a smartphone paired with the Pyle amplifier for wireless music streaming.

USB Playback

Insert a USB flash drive into the **USB** port on the front panel. The amplifier will automatically detect and play MP3/WAV audio files. Use the playback controls (Previous/Next Song, Repeat, Menu) on the front panel or remote control.



Illustration of the built-in USB playback feature, showing a USB drive being inserted into the amplifier's front panel.

FM Radio Operation

Select "FM Radio" as the input. Use the **RADIO STATION AUTO-SEARCH SCAN** function to automatically scan and save available stations. Manually tune using the appropriate controls.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the amplifier. Do not use liquid cleaners or aerosol sprays, as they may damage the finish or internal components.
- **Ventilation:** Ensure that the ventilation openings on the amplifier are not blocked. Proper airflow is crucial to prevent overheating and ensure long-term performance.
- **Storage:** If storing the amplifier for an extended period, disconnect it from the power outlet and store it in a cool, dry

place away from direct sunlight and extreme temperatures.

- **Power Cord:** Regularly inspect the power cord for any signs of damage. If damaged, replace it with a cord of the same type and rating.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No Power	Power cord not connected; Power outlet faulty; Power switch off.	Check power cord connection; Try a different outlet; Ensure power switch is ON.
No Sound Output	Incorrect input selected; Speaker wires loose or incorrectly connected; Volume too low; Mute function active.	Select correct input source; Check speaker connections and polarity; Increase master volume; Deactivate mute.
Bluetooth Disconnection/Failure to Pair	Device too far; Interference; Amplifier not in pairing mode; Device already paired with another unit.	Move device closer to amplifier; Reduce interference sources; Ensure Bluetooth input is selected; Disconnect from other devices and re-pair.
Distorted Sound	Volume too high; Incorrect impedance speakers; Poor cable connection.	Lower volume; Ensure speakers match 4-ohm impedance; Check all audio cable connections.
Remote Control Not Working	Batteries dead or incorrectly inserted; Obstruction between remote and amplifier; Remote sensor blocked.	Replace batteries (2x 'AAA'); Remove obstructions; Ensure remote sensor on amplifier is clear.
FM Radio Poor Reception	Antenna not properly connected or extended; Weak signal.	Adjust FM antenna position; Try auto-search scan again.

SPECIFICATIONS

Power Output: 2000 Watts Peak Power

Operating Voltage: 120V/240V (Switchable)

MAX Power Output: 80 Watt x6 (@ 4 Ohm)

RMS Power Output: 70W*3 + 50W*3 (@ 4 Ohm)

Tone Control (Bass): f=100Hz +/-12dB

Tone Control (Treble): f=10 KHz +/-12dB

Tone Control for Mic (Bass): f=100Hz +/-8dB

Tone Control for Mic (Treble): f=10 KHz +/-8dB

Frequency Adjustment: +/-2dB

Signal to Noise Ratio: >75 dB

T.H.D.: <0.5%

Frequency Response: 20Hz-20KHz

Input Sensitivity: 200mV

Radio S/N Ratio: 45dB

Power Supply: 120V/240V, Switchable

Dimensions (L x W x H): 16.93" x 11.81" x 4.72" inches

Item Weight: 18.56 pounds

Bluetooth Version: 5.0

Bluetooth Network Name: 'Pyle Speaker'

Wireless Range: 40'+ Ft.

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official Pyle website or contact their customer service. A digital version of this user manual is also available for download:

Download User Manual (PDF)

© 2024 Pyle. All rights reserved.

Documents - Pyle – PT6060CHAE



[pdf]
PT6060CHAE Pyle USA 4 PyleUSA 5 WIRELESS BT STREAMING OPERATION INSTRUCTION
External devices which have a built-in Wireless feature can be connected to this ampli er wirelessly play
through the 39 s speakers a62707bb-88b5-4d13-a5e3-cd09b147f137 manuals pyleusa PDF
Questions Issues We are here to help Phone: 1 718-535-1800 Email: support
pyleusa.com **PT6060CHAE** 6 Channel Wireless BT Home Theater Amplifier Built-in
Cooling Fan with Radio Antenna, BT/FM/Optical/Coaxial/HDMI Dual 10 Band EQ,
2000 Watts Peak Power Front and Back Panel 1. LED Digital Di...
lang:en score:42 filesize: 785.86 K page_count: 3 document date: 2020-06-24



[pdf]
PT6060CHAE Manuals Wireless BT Home Theater Amplifier Pyle USA 586bc92b 0a9a 4473 a7e3
2ca8a790355a manuals pyleusa |||
Questions Issues We are here to help Phone: 1 718-535-1800 Email: support
pyleusa.com **PT6060CHAE** 6 Channel Wireless BT Home Theater Amplifier Built-in
Cooling Fan with Radio Antenna, BT/FM/Optical/Coaxial/HDMI Dual 10 Band EQ,
2000 Watts Peak Power Front and Back Panel 1. LED Digital Di...
lang:en score:39 filesize: 786.14 K page_count: 3 document date: 2021-09-24



[pdf]
PT6060CHAE a62707bb 88b5 4d13 a5e3 cd09b147f137pyleaudio Manuals cd09b147f137 |||
Questions Issues We are here to help Phone: 1 718-535-1800 Email: support
pyleusa.com **PT6060CHAE** 6 Channel Wireless BT Home Theater Amplifier Built-in
Cooling Fan with Radio Antenna, BT/FM/Optical/Coaxial/HDMI Dual 10 Band EQ,
2000 Watts Peak Power Front and Back Panel 1. LED Digital Di...
lang:en score:38 filesize: 785.87 K page_count: 3 document date: 2020-06-24

TEST REPORT

Client Information

Applicant: SOUND AROUND INC
Applicant add: 1800 63 rd Street, Brooklyn, NY 11204-USA
Manufacturer: SOUND AROUND INC
Manufacturer add: 1800 63 rd Street, Brooklyn, NY 11204-USA

Product Information

Product Name: POWER AMPLIFIER
Model No.: PT722AUBT, PREG6WBT, PMX3500PH, PKRMX4000, PVTA80, PVTA90, PREG65TH, PT6060CHAE, PT3600BTU
Brand Name: PYLE
FCC ID: 2A6FC-PT722AUBT

Applicable standards: FCC CFR Title 47 Part 15 Subpart C Section 15.247

Prepared By:

Dongguan Yaxu (AI/T) Technology Limited
Jinlianling 3rd Street, Jitang, Huangjiang, Dongguan,
Guangdong, China

Tel: +86-769-8202 0499 Fax: +86-769-8202 0495
Date of Receipt: Mar. 30, 2022 Date of Test: Mar. 30-Apr. 10, 2022

Date of Issue: Apr 11, 2022 Test Result Pass

This device described above has been tested by Dangguan Yaxu (AIT) Technology Limited and the test results show that the equipment under test (EUT) is in compliance with the FCC requirements. And it is applicable only to the tested sample identified in the report.

Note: This report shall not be reproduced except in full, without the written approval of Dongguan Yaxu (AJT) Technology Limited; this document may be altered or revised by Dongguan Yaxu (AJT) Technology Limited, personal only; and shall be noted in the revision of the document. This test report must not be used by the client to claim product rights or patent.

Reviewed by: Ginela Huang Approved by: Saul Chan

Approved by: Seal Chan

Daggaan Yacu(AIT) Technology Limited
No.22, Jinqianing 3rd Street Jingang,
Huangliang, Daggaan, Guangdong, China

[\[pdf\]](#) Decleration of Conformity Test Report

Microsoft Word AIT22033007W1 Test Report BT doc Administrator SOUND AROUND INC PT272AUBT

POWER AMPLIFIER 2A6FC 2A6FCPT272AUBT pt272aubt

Page 1 of 38 Report No.: AIT22033007W1 TEST REPORT Client Information:

Applicant: SOUND AROUND I ... POWER AMPLIFIER Model No.: PT272AUBT,
PREA90WBT, PMX3500PH, PKRMX4000, PVTA80, PVTA90, PREA86BTH,
PT6060CHAE, PT390BTU Brand Name: PYLE FCC ID: 2A6FC-PT272AUBT

Applicable standards: FCC CFR Title...

lang:en score:10 filesize: 505.34 K page count: 38 document date: 2022-04-21