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PTA1000BT

Wireless BT Pro Audio Power Amplifier

2 Channel Professional Rack Mount
Bridgeable Sound Amplifier (2000 Watt)

USER GUIDE

SAFETY INSTRUCTIONS



Intended to alert the user to the presence of uninsulated "**Dangerous Voltage**" within the product's enclosure that may be strong enough to create a risk electric shock to a person.



Intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

CAUTION: To reduce the risk of electric shock, **DO NOT ATTEMPT TO OPEN THE AMPLIFIER OR REMOVE THE COVER.** There are no user serviceable parts inside. Please use a qualified technician for all servicing.

WARNING: To prevent electrical shock or fire hazard, this amplifier should not be exposed to rain or moisture. Do not place objects filled with liquid, such as vases, on the amplifier.

When using electrical products, caution should always be used. Please read and keep these safety instructions.

1. Do not use this apparatus near water.
2. Clean only with a dry cloth.
3. Do not block any of the ventilation openings. Install the amplifier in accordance with all manufacture's instructions.
4. Do not install near any heat source, such as a radiator, heat register, stove or other apparatus (including amplifiers).
5. Do not alter a polarized plug (two blades with one wider than the other) or grounding-type plug (two blades with a third prong), as they provide protection. If the provided plug does not fit into your outlet consult an electrician for replacement of the obsolete outlet.
6. Protect the power cord from being damaged, particularly near the plugs, convenience receptacles and the point where they connect to the amplifier.
7. Only use attachments/accessories provided by the manufacture.
8. Use only with a cart, stand tripod, bracket, or table specified by the manufacturer, or sold with the amplifier. When a cart is used, use caution when moving to avoid injury from tipping over.

9. Unplug the amplifier during lightning storms or when unused for long periods of time.
10. Refer all servicing to qualified service personnel. Servicing is required when the amplifier has been damaged in any way. Some examples when the power cord or plug is damaged, liquid has been spilled, objects have fallen into the amplifier, the amplifier has been exposed to rain or moisture, it does not operate normally, or has been dropped.
11. Never break off the ground pin and connect only to a proper power supply type, indicated on the unit. For more information, write for our free booklet "**Shock Hazard and grounding.**"
12. If this product is to be mounted on an equipment rack, rear support should be provided.
13. Exposure to extreme high noise levels may cause permanent hearing loss. Individuals vary considerably in regards to noise-induced hearing loss, but nearly everyone will experience some damage if exposed to intense noise for an extended period of time.

The US Government's Occupational and Health Administration (OSHA) has specified the following permissible noise level exposures:

SOUND LEVEL dBA, SLOW RESPONSE	DURATION PER DAY IN HOURS
8	90
6	92
4	95
3	97
2	100
1 1/2	102
1	105
1/2	110
1/4 or less	115

According to OSHA, any exposure in excess of the above permissible limits could result in some hearing loss. Ear plugs or protectors to the ear canals must be worn when operating this amplification system, in order to prevent permanent hearing loss, if exposure is in excess of the limits as set forth above. To ensure against potentially dangerous exposure to high sound pressure levels, it is recommended that all persons exposed to equipment capable of producing high sound pressure levels such as this amplification system be protected by hearing protectors while this unit is in operation.

OPERATION

Front Panel



1. INPUT GAIN (dB)

These controls are used to adjust the input gain of each channel. They determine how loud each channel of the power amplifier will sound for a given input signal level. The maximum input gain is achieved by turning the control completely clockwise - this setting yields the maximum mixer/system headroom. Turning the control back counter-clockwise will yield lower system noise at the expense of mixer/system headroom. Turning the control fully counter clockwise turns this setting **OFF**. It is always a good idea to power up any new installing at this setting to protect the system loud speakers.

2. POWER LED (POWER)

These indicators illuminate when the AC main power is being supplied to the amp and both channels are operational. If either channel experiences faulty conditions, exceeds safe operating temperature limits, or if the main circuit breaker trips, then both channel power LED will be dark, indicating shutdown. If the **BRIDGE** mode is selected, the **PWR** indicator on channel B will remain dark as a positive indication of this mode selection.

3. SIGNAL ACTIVITY LEDS (SIGNAL)

These indicators illuminate when the associated channel output signal level exceeds 1 Volt RMS.

4. OVERLOAD LEDS (CLIP)

These indicators illuminate when the associated channel has been over loaded.

5. FAULT LEDS (FAULT)

These indicators illuminate when the amplifier has just been turned **ON** or if the amplifier has detected a problem, such as overheating or circuit problems.

6. POWER SWITCH

This heavy-duty, rocker-type switch turns on the power to the amplifier. When the unit is turned on, there is a three-second delay, which reduces /eliminates the turn-on transients associated with the system equipment connected to the amplifier and protects loudspeakers.

7. LEVEL INDICATOR

Channel A and Channel B level LED indicator.

8. BT/AUX IN BUTTON SWITCH

Press to switch Wireless BT mode. Unpress for AUX mode.

9. Wireless BT ANTENNA: Wireless BT receiver antenna for better signal.

10. AUX INPUT JACKS: Connect AUX input to these jacks.

11. DIGITAL MP3 PLAYER

- Support USB SD Card
- Music format: Mp3, WMA , WAV
- Connect via Wireless BT, Compatible Wireless BT: version 5.0
- With LCD display, shows ID3 format.
- FM: 87.0 - 108MHz
- 6 Preset digital EQ effect.

USB, SD, Wireless BT/FM mode

▶▶ Forward/Next channels

▶|| Play/Pause/Scan

◀◀ Reverse/Previous channels

RPT: SD/USB repeat Play

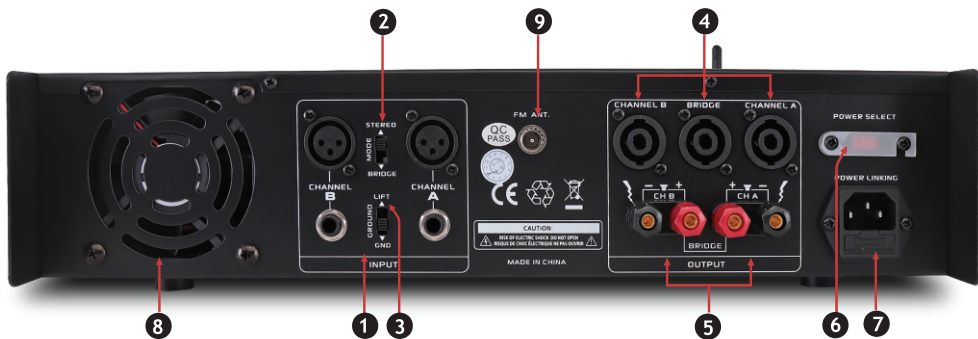
FM Radio

- Press **MODE** key to select FM radio mode.
- Press ▶|| key once, then it will begin to scan the FM frequency range and set P1 to P30 stations.
- Press ◀◀ or ▶▶ key to select the desired stations or use the track select key in 1 to 30 get the desired stations.

Wireless BT Audio Playback Operation

- Press **MODE** key to select Wireless BT mode.
- Enable the Wireless BT function of your external gadget and search the Wireless BT ID of the product then connect. Once connected, you can play the audio files in your gadget and listen your favorite music with high power audio output of the product.

Back Panel



1. INPUT

Cannon and input jack connector provide balance or unbalance input mode.

2. MODE SWITCH

This switch is used to select **STEREO** or **BRIDGE** mode operation.

3. GROUND LIFT SWITCH

4. BINDING POST OUTPUTS

Shockproof binding posts are provided. For each channel, the outputs are in parallel and the speaker connection cables can be terminated with banana plugs or stripped wires.

5. SPEAKER OUTPUT

The amplifier provides (3) four conductor speaker connectors, one for each channel and one for bridge mode.

6. POWER SELECT

Switch to choose 110V-120V or 220V-240V power supply.

7. POWER INPUT

This is a standard IEC power connector. An AC main cord, which has the appropriate AC plug and rating for the intended operating voltage, is included in the carton.

8. FAN GRILL

(Two) 2 speed DC fans supply cool air to the amplifier. The fans switch to high speed automatically when the unit requires additional cooling.

9. FM ANTENNA: Connect for tuner antenna.

Instruction

Pyle's **PTA1000BT** Wireless BT Pro Audio Power Amplifier is the perfect solution for all of your audio needs. Using the latest sound amplification technology and an impressive 1000 Watt power output, this receiver is designed to deliver pure stereo sounds from a wide range of connected music sources. Built-in Wireless BT audio receiver ability allows you to stream your music wirelessly and it works with all of your favorite devices (like Smartphones, Tablets, laptops, Computers, etc.) Enjoy full range stereo sound reproduction when streaming audio with a wireless range of up to 30' feet. Additional system features include USB Flash Drive Reader, SD Card Reader, Push Type Speaker Terminal connectors, RCA Stereo Inputs, RCA Subwoofer Output, and along with an Aux (3.5mm) jack to connect even more external devices. Take control of your sound with the Pyle **PTA1000BT** Wireless BT Pro Audio Power Amplifier.

Wireless BT Operation Instruction:

External devices which have a built-in Wireless BT feature can be connected to this amplifier wirelessly to play through the amplifier's speakers.

1. At first be sure that the amplifier is powered **ON**, and turn the volume to the **MINI** position and it's better to pull the Wireless BT Antenna on at the back panel for better receiving.
2. Press the **BT/line button** switch in on the front panel, you will hear the voice "**POWER ON**" and also "**PAIRING**", and then the unit is automatically ready to pair with your external device.
3. Turn **ON** the Wireless BT of your external devices like Smartphone, Computer, and others, etc.
4. Search for available Wireless BT devices within range of your external device and wait for your device to select "**PYLE PRO**" on the pairing devices lists.
5. And seconds later when you heard a voice "**Your Device is Connected**", then the Wireless BT pairing is successful.
6. You can now play music on your external device through the amplifier.

Help & Troubleshooting

If you experience any of the following difficulties while using the unit, use this troubleshooting guide to help you remedy the problem, should any problem persist, consult your nearest dealer.

Problem	Possible Cause & Solution
No Power	<ul style="list-style-type: none"> *Ensure the power cord is securely connected. *Plug a different device into the electrical outlet to verify that the outlet is working correctly
No Sound	<ul style="list-style-type: none"> *The wrong input was selected on the amplifier *Music master volume control is set to minimum • Fuse defective *Speakers and speaker cables are either not connected, loose or malfunctioning.
Microphone No Sound	<ul style="list-style-type: none"> *The microphone is not turned on *The microphone cable is either loose or not functioning *The microphone volume for that channel is set to minimum *The microphone is not functioning correctly
Severe Hum or Noise	<ul style="list-style-type: none"> *Ensure all cables and wires are securely connected *Connect a different source device to see if the buzzing persists. If does not, the problem may be with the original device. • Connect your device to a different input to the amplifier • The volume is set too high and the loudspeakers distort



WARNING:

This products can expose you to a chemical or group of chemicals, which may include "**Lead (Pb)**" which is known in the state of California to cause cancer, birth defects, or other reproductive harm. For more info, go to <https://www.p65warnings.ca.gov/>.

Features:

- 2-Channel Pro Audio Amplifier
- Bridge able Amp: Bridge Mode Ability
- Built-in Wireless BT Streaming
- (2) 1/4" TRS Input Connector Jacks
- (2) XLR Input Connector Jacks
- (3) SpeakOn Output Connectors (AIB/Bridged)
- (2) Pair Speaker Terminal Binding Post Connectors
- Power, Protect, Clip, Signal LED Indicators
- Left and Right Channel Level Signal Indicators
- Built-in Ventilation Cooling Fans
- Front Panel Control Center
- Rack-Mountable System

Wireless BT Connectivity:

- Simple & Hassle-Free Pairing
- Instant Wireless Audio Streaming Ability
- Works with All of Today's Latest Wireless BT Devices
- Wireless BT Network Name: 'PYLE PRO'
- Wireless BT Version: 5.0
- Wireless Range: Up to 30'+ ft.

What's in the Box:

- Pro Audio Amplifier
- Power Cable
- BT and FM Antenna

Technical Specs:

- Power Output: 2000 Watt MAX
- Amplifier Type: 2-Channel
- 2x 1000 Watt @ 4 Ohm
- 2x 500 Watt @ 8 Ohm
- Distortion: <1.0%
- Input Level: + 4dB
- Signal/Noise Ratio: 102dB
- Frequency Response: 20Hz - 20kHz, +/- 0.2dB
- Power Supply: 120/220V, Switchable
- Dimensions (L x W x H): 19.09" x 9.84" x 3.54" -inches