Manuals+ — User Manuals Simplified.

PYLE PDA20BT Desktop Wireless BT Audio Amplifier User Manual

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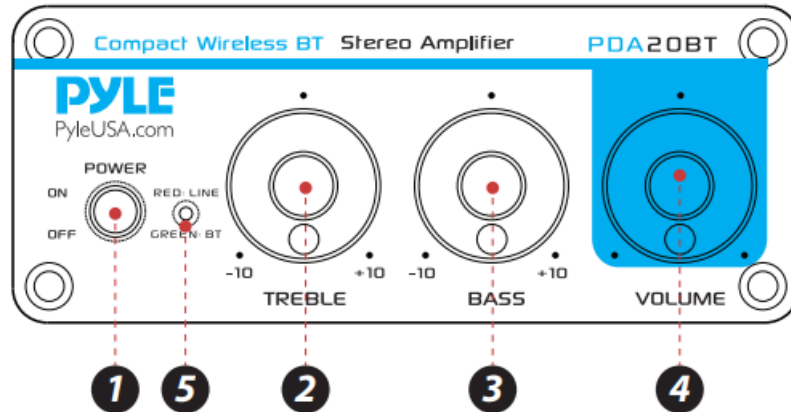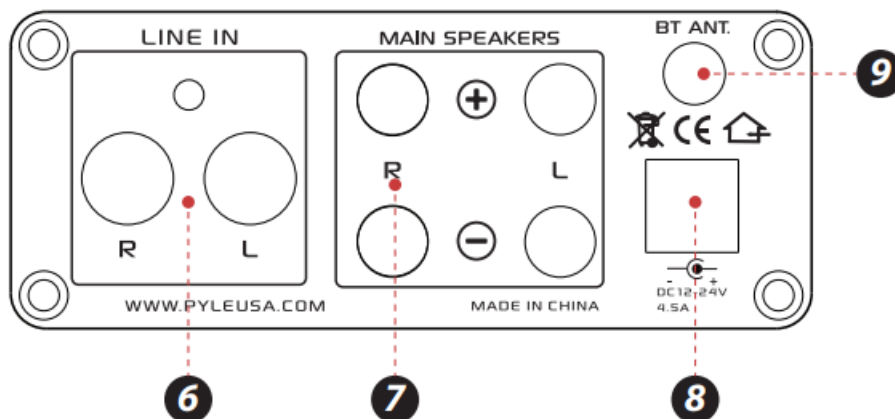**PYLE PDA20BT Desktop Wireless BT Audio Amplifier**

Quick Setup

Front Panel

Rear Panel

1. Main Power ON Switch: Switch ON/OFF the amplier by using this switch.
2. TREBLE KNOB: Adjust to boost or cut HIGH frequencies.
3. BASS KNOB: Adjust to boost or cut LOW frequencies
4. Master Volume: Adjusts main audio system volume level.
5. Input LED: RED–LINE input model
      * Green–Wireless BT input model.
6. RCA L/R LINE Input: Lets you connect the desired LINE input source.
7. Banana Type Speaker L/R Terminals: Lets you easily connect speaker wires directly to the Amplifer.
8. POWER In Jack: Connect the adaptor DC.
9. Wireless BT Antenna: Wireless BT Streaming receiver

Connecting the Speaker Wire

Audio stereo power amplifiers that will power one pair of passive speakers between 4 and 8 ohms (or subwoofer if you got the 2.1 CH amp or subwoofer amp). To connect the amplifiers to your speakers you will need a 2-conductor stranded speaker wire. The amplifiers use high-quality binding posts that will accept heavy gauge bare wire banana plugs, spade lugs, or pin terminators. If you use your own speaker wire we recommend using at least 16 gauge wire and using the same length of wire from the amplifiers to each speaker It's also a good idea to turn of your amplifiers before connecting power, audio sources or speakers.

Preparing the Speaker Wire

- Separate the last 3″ of each speaker wire conductor.
- Strip 1/2″ of insulation from the end of each wire.
- Twist the exposed copper strands with your fingers 3 or 4 times so the strands stay together.

NOTE:
As you make your connections, be sure to connect the positive (+) terminals on your amplifier to the positive (+) terminals on your speakers. Even if your wire does not have (+) or (-) markings, most 2-conductor speaker wire has printing on one
side to help you differentiate between the wire pairs.

If you are Using Bare Wire

- Use your thumb and finger to unscrew the binding post connectors on the back of each speaker.
- Insert each speaker wire into the holes on the side of the binding post connectors, observing proper polarity.
- Retighten the binding posts with your fingers.
- The stripped portion of the wire should be secured firmly in each connector.
- Make sure that none of the speaker wire strands have come in contact with an adjoining terminal.

Connecting the Power Supply
Be sure that the volume/power switch on the front panel is in the OFF position by rotating it counter clockwise. Connect the cable with the round end from the power supply to rear panel power connector. Connect the AC power cable from the power supply to a power outlet and verify that the indicator light on the power supply is illuminated. We recommend using a high-quality surge suppressor and/or AC line later on all electronics equipment.

Connecting Audio Sources
Using the appropriate audio cable (RCA cable), connect your audio source (computer, iPod, etc.) to the amplifiers audio inputs. If you got the Wireless BT amplifiers and want to connect the amplifiers to the
audio source via Wireless BT, you can pair them when the amplifiers is turned on. Audio Wireless BT amplifiers can connect to only one device at a time, however, they will remember the devices they connected, they will auto-paired at next time.

NOTE:
Audio Wireless BT amplifiers have the "BT" and "AUX" selector, you can choose the input way when you connect the audio source. The RCA input will interrupt, so if you want to connect the amplifiers with RCA input, you need interrupt the Wireless BT connection from your Wireless BT device.

Operation

Turn on the amplifiers volume/power knob and set the volume control to an initial set of about 3 o'clock. The front panel power indicator will be illuminated. Turn on your audio input source and adjust the volume to your desired listening level.

Features:

- Compact and Powerful Mini Amp System
- With bass and treble volume control
- Wireless BT Receiver for Wireless Audio Streaming Ability
- RCA (L/R) Audio Input
- Connect & Stream Audio from External Devices

- Banana Speaker L/R Terminals
- Front Panel Rotary Controls
- Antenna for Extended Wireless BT Range
- Power ON / OFF Switch

Wireless BT Connectivity:

- Simple & Hassle-Free Pairing Ability
- Works with All of Today's Latest Devices
- (Smartphones, Tablets, Laptops, Computers, etc.)
- Wireless BT Network Name: 'PYLEUSA'
- Wireless BT Version: 5.0
- Wireless Range: 30'+ ft.

What's in the Box:

- Stereo Amplier System
- 24V/4.5A Adaptor
- Wireless BT Antenna
- AC Power Cord

Technical Specs:

- Power Output: 200W
- Power Supply: 24V 4.5A
- Power Supply Range: 12V – 25V
- THD: ≤ 0.5%.
- Frequency Range: 20Hz – 20kHz (±1 dB);
- SNR: ≥ 95dB;
- Input Sensitivity: ≤ 280mV;
- Wireless BT Transmission Distance: 30ft;
- Terminating Impedance: 20hm – 80hm;
- Power Supply: 24V 4.5A
- Construction Material:Aluminum
- Power Cord Length: 4.9 ft.
- Product Dimension (L x W x H): 5.24'' x 3.62'' x 1.62'' -inches

FCC Warning Statement

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can

be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- This device may not cause harmful interference, and
- this device must accept any interference received, including interference that may cause undesired operation.

RF Exposure Statement
To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum distance of 20 cm the radiator your body. This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter.

Questions? Issues?
We are here to help! Phone: (1) 718-535-1800 Email: **http://amplifiers support@pyleusa.com**

Documents / Resources

PYLE PDA20BT Desktop Wireless BT Audio Amplifier [pdf] User Manual
PDA20BT, 2ASQD-PDA20BT, 2ASQDPDA20BT, PDA20BT Desktop Wireless BT Audio Amplifier, Desktop Wireless BT Audio Amplifier

References

- **Pyle USA Electronics | Home Audio | Car Audio & More**
- **p65warnings.ca.gov/**