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PYLE



PWMA4004BT PWMA3003BT . NEW

Wireless BT Hybrid Amplifier Receiver

Pro Audio Multi-Channel Stereo Pre-Amplifier System
with (2) VHF Wireless Microphones & Digital Optical/Coax,
MP3/USB/SD Readers, FM/AM Radio, Rack Mount (3000 Watt)

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

User Manual

Wireless BT Connectivity:

- Built-in Receiver for Wireless Audio Music Streaming
- Simple & Hassle-Free Pairing
- Works with All of Today's Latest Devices
(Smartphones, Tablets, Laptops, Computers, etc.)
- Wireless BT Version: 5.0
- Wireless BT Network Name: "PYLE PRO"
- Wireless Range: 40+ ft.

Technical Specs:

- Power Output: 3000 Watt MAX
- 900 Watt @ 2 Ohm
- 450 Watt @ 4 Ohm
- 300 Watt @ 8 Ohm
- Frequency Response: 40Hz-15kHz, +/-2dB
- S/N Ratio: >76dB
- T.H.D.: <1%
- Radio Station Memory Presets: 30
- Digital Media File Playback Support: MP3/WMA/WAV/FLAC/APE
- Maximum USB/SD Flash Memory Support: Up to 64GB
- Battery Operated Remote: Requires (2) *LR03/1.5V Batteries, Not Included
- Battery Operated Mic, Requires (2) x "AAA" Batteries Each, Not Included
- Power Cord Length: 4.5- ft.
- Power Supply: 115/230V, Switchable
- Unit Dimensions (L x W x H): 19.0— x 12.0— x 3.1— inches

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.**

Precaution

1. Power Source

The unit should be connected to a power supply AC-115V/60Hz, AC-230V/50Hz.

2. Ventilation

The unit should be situated so that its location or position does not interfere with its proper ventilation. Place the unit at least 10cm away from the walls.

3. Water and Moisture

The unit should not be used near water—for example, near a swimming pool in a wet basement, etc.

4. Electric Shock

If a metal object, such as hair pin or needle comes into contact inside this unit, a dangerous electric shock may result. For families with children, never permit children to put anything, especially metal, inside this unit.



WARNING:

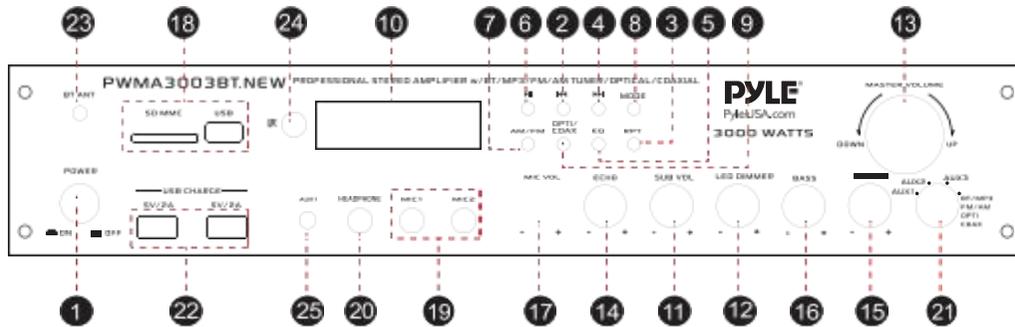
This product can expose you to a chemical or group of chemicals, which may include "Lead (Pb)" which is known in the state of California to cause cancer, birth defects, or other reproductive harm. For more info, go to <https://www.p65warnings.ca.gov/>.

5. Never remove the enclosure. If the internal parts are touched accidentally, a serious electric shock might occur.

6. Abnormal Smell

If an abnormal smell or smoke is detected, immediately turn the power OFF and pull out the power cord. Contact your dealer or nearest service station.

FRONT PANEL



- 1. POWER SWITCH:** Press to switch the power unit ON or OFF.
- ◀◀ :** This knob is used to select the preview station in USB/BT/SD card system, and, adjust the preview programs station in AM/FM system, also, long press this button to tuner the program downward, it did not stop until it found the tuner.
- RPT button:** Repeat music control
- ▶▶ :** This knob is used to select the next station in USB/BT/SD card system, and, adjust the next programs station in AM/FM system, also, long press this button to tuner the program upward, it didn't stop until it found the tuner.
- EQ button control** for Hall, Live, Jazz, Rock, Pop, Normal.
- ▶|| :** This knob is used to play/pause music in USB/BT/SD card system, and, long press this button to auto scan the programs in AM/FM system, and automatic memory to the corresponding program number.
- AM/FM SELECTOR**
- Mode switch button** for input choice like USB/SD/BT/FM
- Source Input OPTI/COAX**
- FUNCTION DISPLAYED FLUORESCENT WINDOW**
- SUB VOLUME CONTROL**
- LED DIMMER**
- MASTER VOLUME CONTROL:** Adjusts the blue lights and blue rings. Adjusts the volume level. Turn the knob clockwise to increase the volume.
- ECHO CONTROL:** Turn the knob to adjust the MIC echo level.

Features:

- Home Theater Pro Audio Receiver
- High-Powered Hybrid Pre-Amplifier
- Multi-Channel Source Audio Selection
- Built-in Bluetooth for Wireless Music Streaming
- Includes (2) UHF Wireless Handheld Microphones
- FM/AM Radio with Digital LCD Display
- USB Flash & SD Memory Card Readers
- MP3 Audio File Playback Support
- Connect & Stream Audio from External Devices
- Aux (3.5mm) Input Jack
- (2) 1/4— Microphone Inputs
- Headphone Jack, 1/4—
- RCA (L/R) Audio Input/Output Jacks
- Dedicated for Subwoofer Output
- Screw-Type Speaker Terminal Binding Posts
- Front Panel Button & Rotary Control Center
- Independent Audio Source Selection
- LED Backlight Illumination with Dimmer Control
- Microphone Volume/Echo Control
- Integrated Overload & Short Circuitry Protection
- Built-in Cooling Fan
- Universal Rack Mount Design

What's in the Box:

- Hybrid Pre-Amplifier
- (2) UHF Wireless Handheld Microphones
- Detachable Rack-Mount Brackets
- FM/AM Antenna/Wireless BT Antenna
- Remote Control
- Power Cable

How to replace the preset radio stations?

- Use the remote control to set the radio stations.
- Use button of the front panel set the radio stations.

NOTE: The preset stations can't be deleted, **BUT CAN BE REPLACED.**

Operations Steps

1. Rotate the input selector switch to the BT/MP3/AM/FM/OPTI/COAX position.
2. Press the Mode key of the front panel or remote to select AM/FM.
3. **▶▶/◀◀** : Press the button to adjust to your favorite station number, then, long press this button to auto scan the programs downward or upward, It didn't stop until it found the tuner, and the tuner automatic replace your favorite station number.

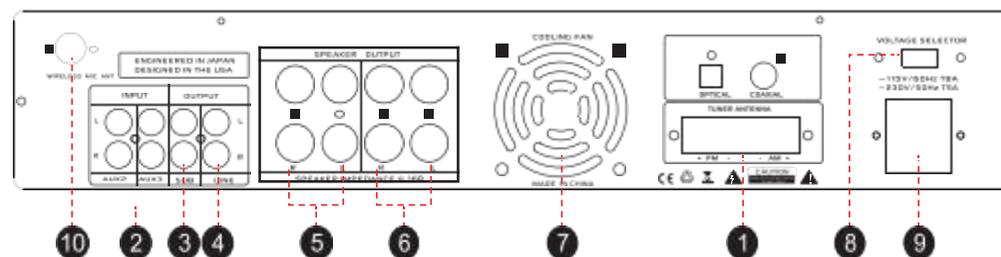
In this way, you can replace the preset radio stations.

SAFETY INSTRUCTIONS

1. Make sure that all connections are properly connected and the main volume is set to minimum level before turning ON the unit.
2. When more than one pair of speakers are used, (specially the main speaker output) make sure that the speakers used are of the same wattage and impedance, otherwise the unit maybe damaged under high power or long term operation.
3. To avoid humming sounds and unwanted noise, make sure that all the wires are properly inserted.
4. For speaker cords, strip off the vinyl coating and twist the wire tip.
Push down the pink jack or loosen the screw terminal, before inserting the wire tip, then fasten it and tighten the screw. Be careful not to let the wires stick out other terminal otherwise this may cause a short circuit when wires of different terminal contact each other.
5. After the unit is turned ON, adjust the main volume to the desired level same with the bass and treble volume, etc.

15. TREBLE: Adjusts the master treble
16. BASS: Adjusts the master bass
17. MIC VOLUME: Adjusts the volume level. Turn the knob clockwise to increase the MIC volume.
18. USB/SD: Card input
19. MIC INPUT JACKS 1 & 2 KARAOKE MIC: Connect to these jacks.
20. HEADPHONE JACK: Connect headphone to this jack.
21. INPUT SELECTOR: Turn this button to choose the favorable input.
22. USB CHARGE SELECTOR
23. BT ANTENNA
24. REMOTE CONTROL WINDOW
25. AUX1 INPUT

BACK PANEL



1. TUNER ANT Connect for AM and FM antennas.
2. AUDIO INPUT JACKS:
Connect the audio output jacks of CD/DVD, AUX to these jacks.
3. SUB-WOOFER OUTPUT JACKS 1 & 2: Connect IPOD/MP3 to this jack.
4. LINE OUTPUT JACKS: Connect the line input jacks to these jacks.
5. A SPEAKER OUTPUT TERMINALS: Connect your speaker system to these terminals.
6. B SPEAKER OUTPUT TERMINALS:
Connect you're the other speaker system(s) to these terminals.
7. COOLING FAN
8. 115V/230V SWITCH: According to power voltage, push this button to the station of the 115V or 230V.
9. POWER CORD: Connect to AC 115V/60Hz & 230V/50Hz outlet.
10. WIRELESS MIC ANTENNA

1. The receiving board should use a regulated power supply with a voltage range of DC5V-9V.

2. The receiving board should be installed away from the source of interference. Such as: CPU / microphone reverberation IC / switching power supply /motor, etc . Do not share the power with "ground"; corresponding anti-interference measures should be adopted, such as filtering /isolation /shielding.

3. In order to improve the signal-to-noise ratio, please use low-impedance input; shield the signal connection line.

4 In order to obtain the best channel separation and convenient frequency compensation adjustment, please refer to the "Product Front Interface Circuit" diagram.

5 The receiving antenna should be more than 1 meter away from the ground, walls, and metal surfaces. If it is too close, it will reduce the system performance and affect the use effect.

6 When using, please pull out the antenna (external) and choose an appropriate angle (usually it should be vertical upward) .

7 When installing the built-in antenna, the antenna should be straightened and fixed without bending or knotting; it should be far away from the frequency selection circuit and the RF output end (the coil on the PCB board or the circuit in the middle part), and not form a loop with it . Nor can it be twisted or bundled with other connecting wires . Each antenna should be independent and vertical; It cannot be entangled or knotted with each other. The length of the antenna cannot be changed at will. See illustration.

8 In order to achieve the best singing performance, the mouth and the microphone should be kept at an appropriate distance . Too far away will affect the bass effect, too close will have airflow impact . To reduce the airflow impact, the optimal angle between the microphone and the mouth is 45 degrees.

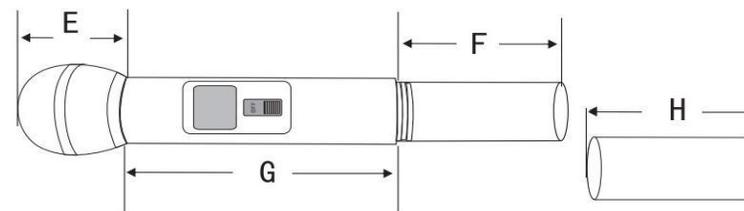
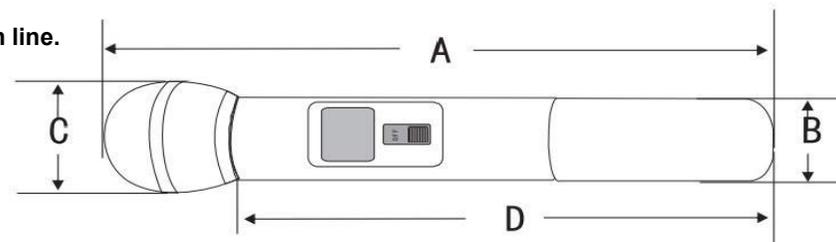
9 If the microphone is not used for a long time, remove the battery to prevent the battery Leakage damages microphone components.

10 When temporarily discontinuing use, set the microphone switch to the "OFF" position. Prolong battery life.

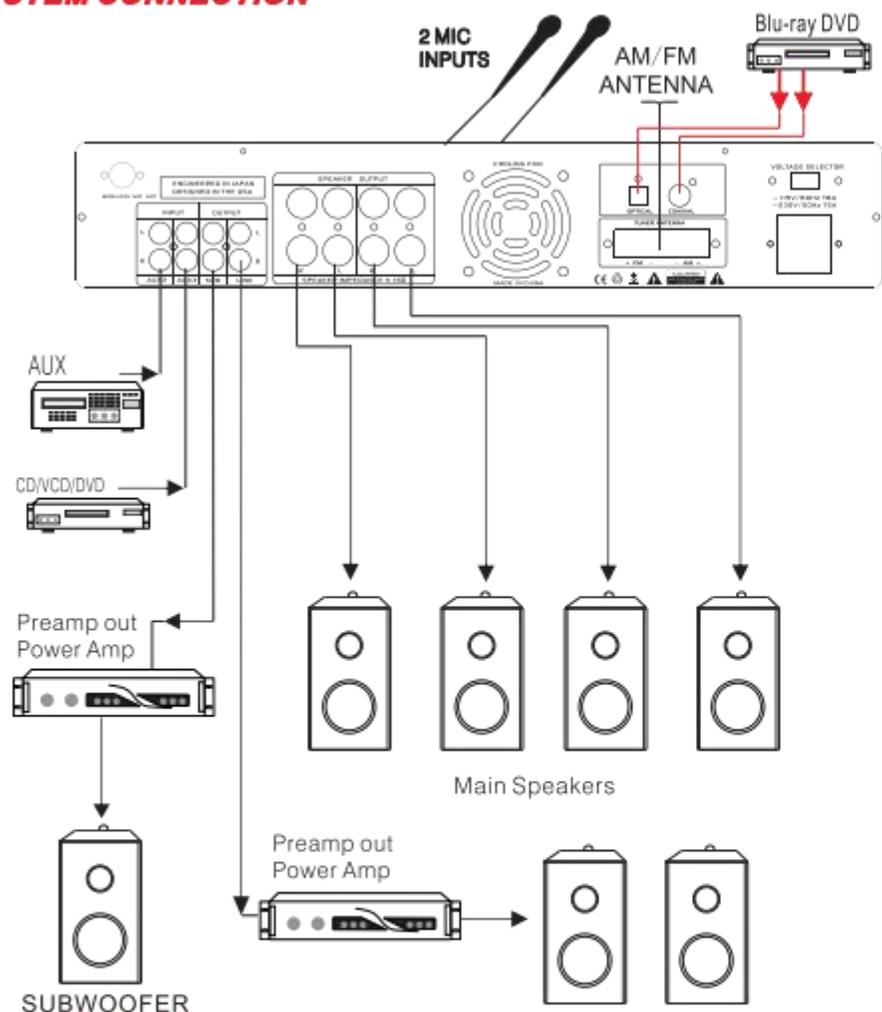
11 After using the microphone for a long time, the low battery indicator lights up, so it will not affect The effect should be replaced in time.

12 Do not throw, drop, throw, or throw while using the microphone to avoid serious damage.

13 Do not sing with the same microphone at the same time, this will cause silent or interference noise.



SYSTEM CONNECTION



STEPS FOR CONNECTING WITH WIRELESS BT DEVICE

- Press MODE button under the LCD display screen and enter into Wireless BT mode.
- Search on the wireless BT device and you can find the wireless BT name "PYLE PRO"
- Select the "PYLE PRO" wireless BT name and wait for the device to pair.
- The unit will make a signal to conform that the device has successfully paired and the screen will display "BLUETOOTH CONNECTED"
- Once being paired, you can play music from your BT device. You can also use the control buttons on the unit to select the tracks from your BT device.

Remote Control

1. Standy By button

2. Equalizer Button:

(Hall, Live, Jazz, Rock, Pop, Normal)

3. ◀◀ Button:

- Short press for previous music in BT/USB /SD system, or, for previous program in AM/FM system.
- Long press this button to auto scan the programs downward in AM/FM system, and automatic memory to the program number.

4. Source Input Volume-

5. MODE:

Menu Control Button
Press to select BT/USB/SD/AM/FM/ LINE IN etc. audio input

6. MUTE Button

This function only works in radio/BT/USB/SD/AM/FM state

7. Source Input Volume+

This function only works in BT/USB/SD state

8. SCAN Button

Press this button to auto scan the programs in AM/FM system, and automatic memory to program number

9. ▶▶ Button:

- Short press for next music in BT/USB/SD system, or, for next program in AM/FM system.
- Long press this button to auto scan the programs upward in AM/FM system, and automatic memory to the program number.

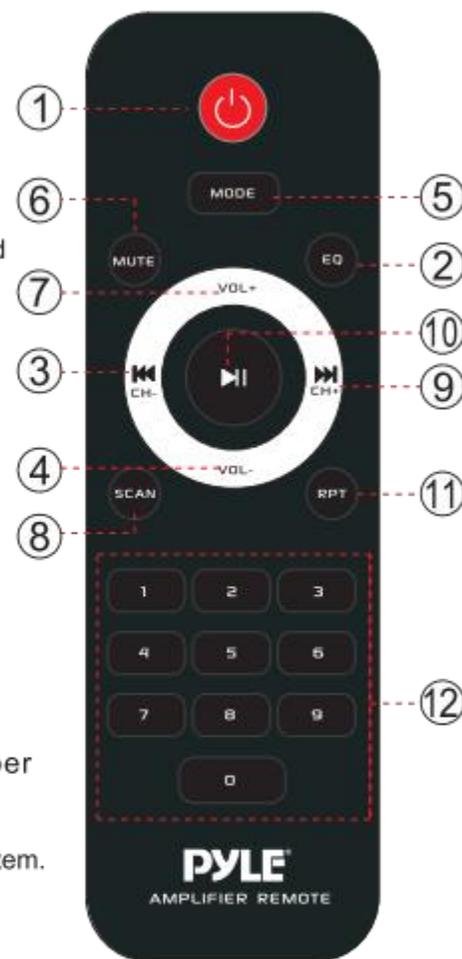
10. ▶|| Button

- Short press for play/pause in BT/USB/SD system.
- Long press this button to auto scan the programs in AM/FM system. programs for forward in AM/FM system, and automatic memory to the program number.

11. Repeat Song Button: Repeat one music or repeat all

12. Number Buttons for song/tuner selection.

Remote control should be operated within 6 meters with a scope of 30 ° in front of the receiver. Make sure that there is no large obstacle between the remote control and the machine. Remote sensor should be far away from the light, high amounts of light can affect its performance.



FCC Statement

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.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

RF Exposure Information

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.