



# Powerwerks PWRPA2 2000 Watts Two Piece Portable Line Array System Owner's Manual

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**Powerwerks PWRPA2 2000 Watts Two Piece Portable Line Array System**



## **IMPORTANT SAFETY INSTRUCTIONS**

### **Danger**

Exposure to extremely high noise levels may cause a permanent hearing loss. Individuals vary considerably to noise induced hearing loss but nearly everyone will lose some hearing if exposed to sufficiently intense noise for a sufficient time. The U.S. Government's Occupational Safety and Health Administration (OSHA) has specified the following permissible noise level exposures: According to OSHA, any exposure in the above permissible limits could result in some hearing loss. Earplugs or protectors in the ear canal or over the ears must be worn when operating this amplification system in order to prevent a permanent hearing loss. If exposure in excess of the limits as put forth above, to insure against potentially harmful exposure to high sound pressure levels, it is recommended that all persons exposed to equipment capable of inducing high sound pressure levels, such as this amplification system, be protected by hearing protectors while this unit is in operation.

### **caution**

- THIS SYMBOL IS INTENDED TO ALERT THE USER TO THE PRESENCE OF NON-INSULATED "DANGEROUS VOLTAGE" WITHIN THE PRODUCT'S ENCLOSURE THAT MAY BE OF SUFFICIENT MAGNITUDE TO CONSTITUTE A RISK OF ELECTRIC SHOCK TO PERSONS.
- THIS SYMBOL IS INTENDED TO ALERT THE USER TO THE PRESENCE OF IMPORTANT OPERATING AND MAINTENANCE (SERVICING) INSTRUCTIONS IN THE LITERATURE ACCOMPANYING THE UNIT.

- APPARATUS SHALL NOT BE EXPOSED TO DRIPPING OR SPLASHING AND THAT NO OBJECTS FILLED WITH LIQUIDS, SUCH AS VASES, SHALL BE PLACED ON THE APPARATUS.

1. Read all safety and operating instructions before using this product.
2. All safety and operating instructions should be kept for future reference.
3. Read and understand all warnings listed on the operating instructions.
4. Follow all operating instructions to operate this product.
5. This product should not be used near water, i.e. Bathtub, sink, swimming pool, wet basement, etc.
6. Only use dry cloth to clean this product.
7. Do not block any ventilation openings, It should not be placed flat against a wall or placed in a built-in enclosure that will impede the flow of cooling air.
8. Do not install this product near any heat sources; such as, radiators, heat registers, stove or other apparatus (including heat producing amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding-type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety if the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. IO. Protect the power cord being walked on or pinched, particularly at Plugs, convenience receptacles and the point where they exit from the apparatus. Do not break the ground pin of the power supply.
11. Only use attachments specified by the manufacturer.
12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer or sold with the apparatus. When a cart is used, use caution when moving cart/apparatus combination to avoid injury from tip-over.
13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Care should be taken so that objects do not fall and liquids are not spilled into the unit through the ventilation ports or any other openings.
15. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way; such as, power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally or has been dropped.
16. WARNING: To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.
17. When the MAINS plug, or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.
18. Protective Ground Terminal: The apparatus shall be connected to an AC main socket with a protective earth ground connection.

## CAUTION

This device complies with Part 15 of the FCC Rules / Industry Canada licence-exempt RSS standard(s ). 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.

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:

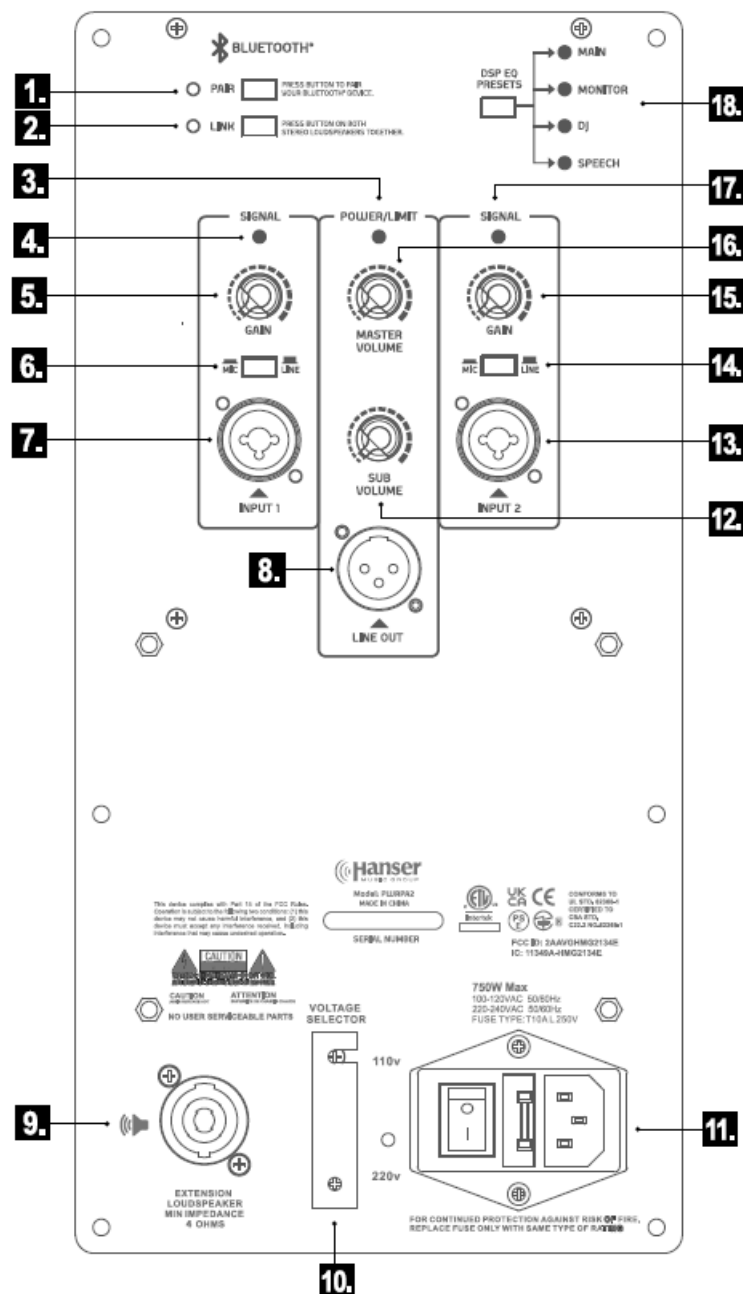
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

#### **MPE Reminding**

To satisfy FCC I IC RF exposure requirements, a separation distance of 20 cm or more should be maintained between the antenna of this device and persons during device operation. To ensure compliance, operations at closer than this distance is not recommended

#### **CONTROLS & FEATURES**



1. Bluetooth® pairing button
2. Link button
3. Power indicator/pressure limit indicator
4. Signal indicator: Input 1 channel indicator
5. Input 1 channel gain control knob
6. Input 1 channel Mic/Line input toggle button
7. Input 1 channel input combo socket
8. Line Out
9. Output to the satellite
10. Voltage switch(115V/230V)
11. Power socket and fuse holder
12. Subwoofer volume control
13. Input 2 channel input combo socket
14. Input 2 channel Mic/Line input toggle button
15. Input 2 channel gain control knob

16. Master volume control
17. Signal indicator: Input 2 channel indicator mJ
18. mode selector switch and mode indicator

## **INSTRUCTIONS**

1. Prior to switching on, turn volume down to minimum.
2. Connect the audio source to the appropriate Input socket.
3. Connect to the mains supply.
4. Switch on the audio source, followed by the active speaker.
5. Set the volume with the applicable control.
6. Adjust the bass + treble.

## **BLUETOOTH™ PAIRING INSTRUCTIONS**

1. Press and hold the PAIR button until light flashes slowly. (Unit is now in bypass mode)
2. Press PAIR button again to enable pairing via Bluetooth®. (Light will flash quickly)
3. Pairing connection can now be made via Bluetooth® on devices such as smart phones and tablets.
4. To temporarily bypass Bluetooth® connection press PAIR button once until light flashes slowly. Press again once to reconnect.
5. To exiUdisable Bluetooth® press and hold PAIR button until light turns off.

## **SAFETY REMINDER**

- Do not overload the box to avoid damage to the speakers.
- Do not place an open fire (candles, etc.) on top or next to the box – FIRE HAZARD
- Only connect to an earthed mains outlet of 230V 50Hz.
- For indoor use only. If the box is used outdoors, you need to make sure that no humidity can enter the box.
- When not in use, unplug the unit from the mains.
- Unplug the unit from the mains prior to checking or replacing the fuse.
- Make sure that the box is placed on a stable, strong surface.
- Do not place liquids on the box and protect it against humidity.
- Only use suitable means of transportation to move the box. Do not attempt to lift without support.
- Always unplug the unit during a thunderstorm or when it is not in use.
- If the unit has not been used for a long period of time, condensation can occur inside the housing. Please let the unit reach room temperature prior to use.
- Never try to repair the unit yourself. It does not contain any user serviceable parts.
- Run the mains lead in such a way that nobody can trip over it and nothing can be put in it.
- Set the unit to the lowest volume prior to switching it on.
- Keep the unit out of the reach of children.

## **TECHNICAL SPECIFICATIONS**

- **Power:** 2000 watts peak/ 660 watts RMS

- **Subwoofer:** 12" (wood, painted)
- **Array:** 2 x 4" midrange drivers
- **Horn:** 2 x 1" hiQh frequency compression drivers
- **Bluetooth:** yes
- **Presets:** 4 mode DSP EQ (Main/Monitor/DJ/Speech)
- **Inputs:** Two XLR / ¼ inch combo jacksfor Mic/Line – Level Source.

## INCLUDES

- (1) 12" Active Sub
- (1) Satellite Array enclosure
- (1) Adjustable pole

All cables and mounting plate



## POWER ARRAY 2

### 2,000 WATTS TWO PIECE PORTABLE LINE ARR AY SYSTEM

The Powerwerks Power Array 2 is a versatile, high powered, portable vertical array system that delivers 2,000 watts of class D power. The compact 12" powered subwoofer serves as the control center for the system which features three independent audio inputs including Bluetooth audio streaming. The lightweight, compact, curved vertical speaker array is equipped with two 4" speakers and two high frequency compression drivers designed for greater focus and increased dispersion to assure maximum reach of its rich and clear sound. The Powerwerks

Power Array 2 features four modes of onboard DSP EQ presets and an adjustable subwoofer volume for control of your overall output mix and an XLR through which allows performers to enhance and expand their sound by connecting to other powered systems. You can also connect with another Powerwerks Power Array 2 system (Bluetooth® only) for even more expandability and true stereo capabilities.



## Documents / Resources



[Powerwerks PWRPA2 2000 Watts Two Piece Portable Line Array System](#) [pdf] Owner's Manual

PWRPA2, 2000 Watts Two Piece Portable Line Array System