

PWR12

OPERATIONS MANUAL

EN

Dear Customer, Congratulations on the purchase of your loudspeaker(s). Please read these instructions carefully and keep them for future reference.

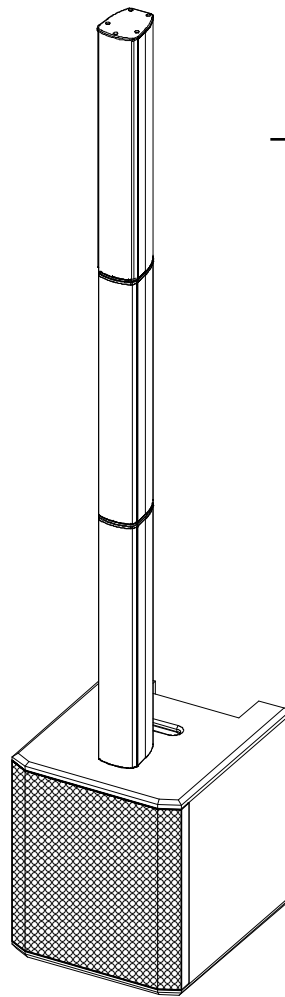
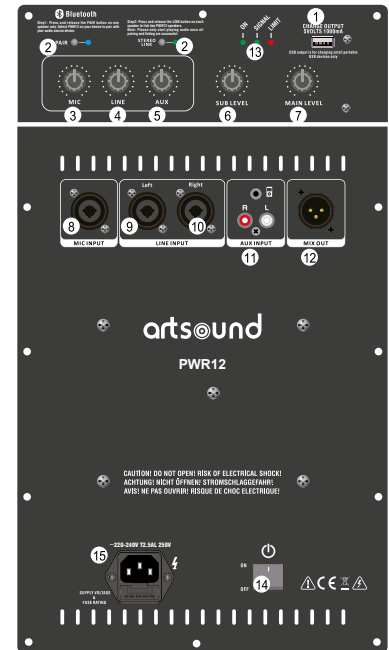


fig1



Professional ABS Molded Loudspeaker

Introduction:

Congratulations on your purchase of the PWR12 multi-function, engineered and manufactured by us. The PWR12 includes a high-output compression driver, and 12" woofer that produces an even and smooth studio quality sound in a sound reinforcement speaker. Our design goal was to build a speaker with accurate playback, smooth dispersion of mid and high frequencies, and an ergonomic design for easy transport and setup. The result is a sound reinforcement system dynamic enough to use at home, in the studio, parties or in a home theater.

Features:

1. 2-way Active Speaker.
2. Steel basket woofer
3. High wattage powered amplifier
4. Auxiliary line input
5. High Temperature Voice Coil
6. Bluetooth Stereo Pairing
7. DSP Processor
8. USB Charging

Important Safety Instructions:

1. Read these instructions. Keep these instructions.
2. Heed all warnings.
3. Follow all instructions.
4. Do not use this apparatus near water.
5. Clean only with dry cloth.
6. Do not block any ventilation openings.
7. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including 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. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.

12. Unplug this apparatus during lightning storms or when unused for long periods of time. 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.

▲ Failing to adhere to the cautions above will void the manufacturer warranty!

Functions [fig 1]:

1. USB Port
2. Bluetooth Stereo Function.
3. Mic level: Control the signal for Mic input when using the Mic input.
4. Line Level: Control the output volume for Line Level Input.
5. Aux level: Control the signal for Aux input when using the Aux input.
6. Sub Level: Adjust the overall level available from the subwoofer.
7. Main Level: Overall level adjustment. The sub level is also adjusted in accordance with the preset level of the Sub Level controller.
8. Mic/Inst Input: These balanced inputs accept a standard XLR and a 1/4" Jack phone plug. A board range of signals from microphones,

audio mixing consoles and electronic musical instruments may be connected here.

9. Line Input left: Use XLR and a 1/4" jack connector balanced or unbalance.
10. Line Input right: Use XLR and a 1/4" jack connector balanced or unbalance.
11. Aux Input: Use RCA and 3.5mm connector balanced or unbalance.
12. Mix Out: Use XLR connector balanced or unbalanced.
13. INDICATOR LEDS
14. ON: Lights up once the system is properly connected to the power mains and switched on. SIGNAL: Lights up as soon as an audio signal is present. The signal acquisition is performed before the MAIN LEVEL controller.
15. LIMIT: Lights up if the loudspeaker system is operating in the clipping range. A short flash of the LED is not critical. To protect the system, an excessive signal level is gently turned down by the built-in limiter. If the limiter LED lights up permanently or for longer periods, reduce the volume level. Failure to do so may result in a distorted sound and damage to the speaker system.
16. Power Supply Input Connector: Use with power cord.
17. Power Supply Switch.

⚠ Warning: Make sure speaker is off and all LEVEL controls are down (counterclockwise) before every use.

Connections:

1. Connect the output from your signal source (mixing console, microphone, preamp, or other mic- or line-level source) directly to the INPUT connector on the back of the speaker. It accepts balanced line-level signals from mixers, preamplifiers, CD players, tape decks, etc., and accepts direct connections from dynamic microphones through the MIC input.
2. There is also an XLR Output connector labeled LINE OUT. This allows you to connect more than one PWR12 to the output of your sound source. Simply plug an XLR cable from the Line Out connector of one speaker to the input connector of another speaker, and so on, daisy-chaining multiple speakers.
3. Turn on your signal source. (Make sure volume is turned down) Turn on PWR12. Start signal source and adjust volume controls on the signal source and PWR12 speaker.

Bluetooth Pairing instructions:

1. Press and release the PAIR button on one speaker only.
2. While pairing light is flashing and the PWR12 name should appear on your pairing device.
3. Click on PWR12 name on your pairing device to complete pairing to the PWR12.

Bluetooth Stereo Function Usage:

1. Press and release PAIR button on one speaker only, this PWR12 will be left channel.
2. Select PWR12 on your device.
3. Press and release STEREO LINK button on each speaker, both speakers should be PWR12 and the other PWR12 will be right channel. Note: Please only start playing audio once all pairing and linking are successful.
4. Press and hold STEREO LINK button for 3 seconds to exit the connection.
Note: Only exit after connected successfully.
5. LEDs flash while pairing or linking. LEDs light solid when paired or linked.
6. To reset pairing and linking, press and hold either button for 2 seconds.
Note: Initial pairing or linking may require 1 minute.

Technical specifications

- range: <800 m2
- system: 2-way with active filter
- woofer: 12" polypropylene cone
- satellites (tweeter): 8 x 3" neodymium full range
- equaliser: low pitched tones
- amp power RMS: class D, 500 W
- amp power max.: class D, 1500 W
- sensitivity: 122dB/130dB (peak)
- frequency range: 50Hz-20KHz
- line input: XLR or 1/4" TRS
- Aux input: RCA or 1/8" TRS
- instrument input: 1/4" TRS
- sources: stereo Bluetooth, USB (to be charged)
- weight/piece: 17.5 (sub) + 3.25 (sat) kg
- housing: wood + ABS plastic
- colour: black
- Satellite dim. (hxwx): 1,620 x 80 x 105 mm
- subwoofer dim. (hxwx): 435 x 370 x 440 mm
- accessories: carrying pouch

Warranty conditions

2 year warranty from the date of manufacture. The warranty is limited to the repair or replacement of the defective material insofar as this defect is a result of normal use and the device has not been damaged. Artsound is not responsible for any other costs that ensue as a result of the defect (e.g. transport). For details, please consult our general terms and conditions of sale.