

User
Manual

Power Box 5HP
Powered cabinet loudspeaker



Safety instructions

When using this electronic device, basic precautions should always be taken, including the following:

- 1 Read all instructions before using the product.
- 2 Do not use this product near water (e.g., near a bathtub, washbowl, kitchen sink, in a wet basement or near a swimming pool etc).
- 3 Use this device when you are sure that loudspeaker has a stable base and it is fixed securely.
- 4 This product, in combination with music player may be capable of producing sound levels that could cause permanent hearing loss. Do not operate for a long period of time at a high volume level or at a level that is uncomfortable. If you experience any hearing loss or ringing in the ears, you should consult with otorhinolaryngologists.
- 5 The product should be located away from heat sources such as radiators, heat vents, or other devices that produce heat.
- 6 The product should be connected to a power supply that is described in the operating instructions or are marked on the product.
- 7 The power supply should be undamaged and never share an outlet or extension cord with other devices. Never leave device plugged into the outlet when it is not being used for a long period of time.
- 8 Care should be taken that objects do not fall into liquids and liquids would not be spilled on the device.
- 9 The product should be serviced by qualified service personnel if:
 - The power supply or the plug has been damaged.
 - Objects have fallen into or liquid has been spilled on the product.
 - The product has been exposed to rain.
 - The product has been dropped or the enclosure damaged.
- 10 There are some areas with high voltage inside, to reduce the risk of electric shock do not remove cover of the amplifier. The cover should be removed by the qualified personnel only.

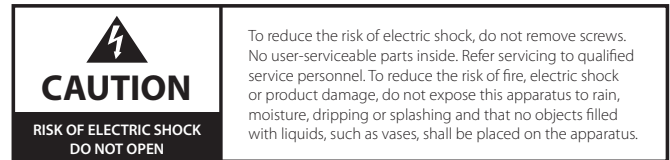




Table of contents

Before you start

Introduction.....	3
Features.....	3

Operation

Rear panel.....	4
IR remote control	4
Function description	5

Specifications

General specifications.....	6
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Before you start

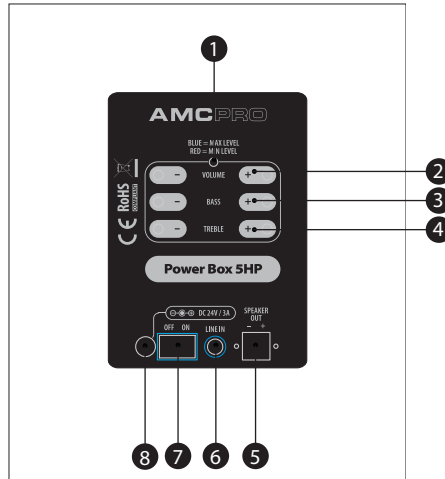
Power Box 5 HP pair of loudspeakers consisting of loudspeaker with built-in stereo amplifier and second non powered loudspeaker ready to connect to active loudspeaker with Phoenix connector. 5" woofer and 1" tweeter. U-bracket for mounting on the wall is included. Perfect choice for small installations in a class room, communication and paging systems.

FEATURES

- D class amplifier
- External switching power supply
- Volume control
- Tone control
- IR remote control
- Power on and standby indication
- Max and Min tone, volume level indication
- 3,5 mm TRS jack audio input connectors

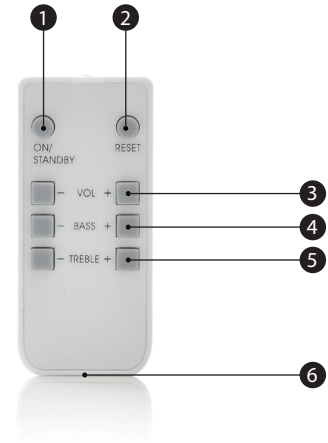
Operation

Rear Panel



- 1. MIN/MAX level indicator | 2. Volume control | 3. Bass tone control
- 4. Treble tone control | 5. Speaker output | 6. Audio input
- 7. Power switch | 8. Power supply connector

IR remote control



- 1. STandby button | 2. Reset button | 3. Volume control | 4. Bass tone control | 5. Treble tone control | 6. Battery holder

Operation

Function description

POWER INDICATOR AND IR DETECTOR

Bi-color LED indicates loudspeaker's mode. LED and IR detector are located in the rear panel behind the grill. If LED color is blue, the loudspeaker is active. If LED color is red, the loudspeaker is in standby mode.

MIN/MAX LEVEL INDICATOR

These bi-color LED indicator indicates when the max or min treble, bass or volume level is reached. MIN level indicates red LED color. Max level indicates blue LED color.

VOLUME CONTROL

This control allows adjusting loudspeakers volume. Push + button to increase or push – button to decrease volume level.

BASS TONE CONTROL

This control allows adjusting low tone of sound. Push + button to increase or push – button to decrease bass level.

TREBLE TONE CONTROL

This control allows adjusting treble tone of sound. Push + button to increase or push – button to decrease treble level.

POWER SUPPLY CONECTOR

This is main power connector for DC 20V 3A power supply. Please use the original power supply only.

POWER SWITCH

Use this switch to power on/off loudspeaker's amplifier.

AUDIO INPUT

This is line level stereo audio input. 3,5mm TRS jack connector.

SPEAKER OUTPUT

This output is designed to connect the passive Power Box 5HP loudspeaker to amplifier. Please pay attention to polarity during the wiring.

STANDBY BUTTON

This button change loudspeaker mode from active to standby and otherwise.

RETURN BUTTON

This button resets bass and treble level to default.

BATTERY HOLDER

Battery holder for one CR2025 battery. Pay attention to battery polarity, wrong polarity can damage remote control.

General Specifications

Amplifier

Power supply	AC 240 V/100 V 50/60 Hz (DC 20V 3A)
Rated Power	2x20 W @ 1% THD 2x35 W @ 10% THD
Speaker sensitivity (1W/1m)	85 dB
Maximum SPL	93 dB
Frequency response	115 Hz - 20 kHz
Input sensitivity	-3 dBu
Dispersion	120° (H), 100° (V)
Speaker	5" woofer, 1" tweeter
Controls	IR remote control
Case material	ABS plastic
Cabinet dimensions	230 mm x 145 mm x 145 mm
Weight	3,45 kg.
Color	White RAL9003

The specifications are correct at the time of printing this manual. For improvement purposes, all specifications for this unit, including design and appearance, are subject to change without prior notice.

Notes
