

Hybrid

POWERED LOUDSPEAKER PB SERIES MKII

PB12A ▸ PB15A ▸ PB15AUB



USER MANUAL

IMPORTANT PRECAUTIONS



Symbol alerting the operator to follow important operating instructions and precautions detailed in this document



Symbol warning the operator that uninsulated, dangerous voltages are present within the enclosure that may pose a risk to electric shock.

- Save the carton and packing material even if the speaker has arrived in perfect condition. Should you ever need to ship the speaker for servicing, use the original packaging supplied.
- Read all documentation before operating your speaker. Retain all documentation for future reference.
- Follow all instructions printed on this user manual and the back panel of the speaker for proper and safe operation.
- ⚠ Do not spill water or other liquids into or on the speaker, or operate the speaker whilst under wet or damp conditions.
- ⚠ Ensure that power outlets and mains voltage conforms to the power requirements printed on the back panel of the speaker.
- ⚠ Do not use the speaker if the electrical power cable is frayed or damaged. The power supply cable should be routed so that it is not walked upon or pinched by objects close by. Only use the original power cable supplied with your speaker.
- ⚠ Always operate the speaker with the AC Earth wire connected on both sides.
- ⚠ Precaution should be taken so that the Earth connection is not defeated.
- Gain controls of the speaker should be turned to the minimum position (Completely anti-clockwise) during the switch on and switch off operation in order to prevent damage to loudspeakers.
- ⚠ Power down and disconnect your speaker from mains power before attempting any physical connections to loudspeakers or audio sources.
- ⚠ Never force the power on-off switch to the "On" position if it will not stay there by itself.
- ⚠ Never use your speaker near heat radiating appliances such as stoves and heaters.
- ⚠ Do not block the airflow vents located on the front and rear panels of your speaker. Do not operate your speaker on a surface or environment which may impede the normal flow of air around the speaker.
- If the speaker is used in an extremely dusty or smoky environment, the speaker should periodically be blown free of foreign matter.
- ⚠ Do not remove the cover, front or rear panels of the speaker. Removing any cover will expose you to potentially dangerous voltages. There are no user serviceable parts inside.
- ⚠ Connecting your speaker output to an oscilloscope or other test equipment while the speaker is in bridge mode may damage both the speaker and the test equipment.
- ⚠ Do not apply an input signal that is much greater than that which is required to achieve maximum output level. This may damage the pre-amplification stage circuitry.
- ⚠ Do not connect the input or output connectors of your speaker to any other voltage sources such as batteries, mains power or power supply units, regardless of whether the speaker is switched on or off.
- ⚠ Never connect the output of your speaker to an input or output of the same or any other speaker.
- ⚠ During long periods of no use, the power cable should be unplugged from the mains voltage outlet.
- After long periods of no use, the power cable should be inspected for any damage before using the speaker again.
- Your speaker should be serviced only by qualified service personnel. Contact your nearest official retailer should your speaker need technical attention.
- Your speaker should be serviced by a qualified service technician when:
 - The power supply cord or plug/s have been damaged
 - Objects have fallen, or liquids have been spilled inside the amplifier enclosure
 - The speaker has been exposed to rain or excessive moisture
 - The speaker does not appear to operate normally, or exhibits a reduced change in performance
 - The speaker has been dropped or the enclosure is damaged
 - Either one of the red protect LED's is indicating a fault and has not corrected itself

Please read these instructions carefully which includes important information about the installation, operation and maintenance.

INTRODUCTION

Congratulations on your purchasing of a powered loudspeaker PB series, engineered and designed by Hybrid. The PB series includes a high-output compression driver, and 15" or 12" woofer to produce an even, 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 home theater.

FEATURES

- 2-way amplified Active Speaker
- Long-throw woofer with high-temperature voice coil
- Ultra-wide, smooth dispersion of high and mid frequencies
- Mic/Line input and line out, pass-thru connector
- Speakon out for a passive speaker
- Stand/Pole-mountable

CAUTIONS

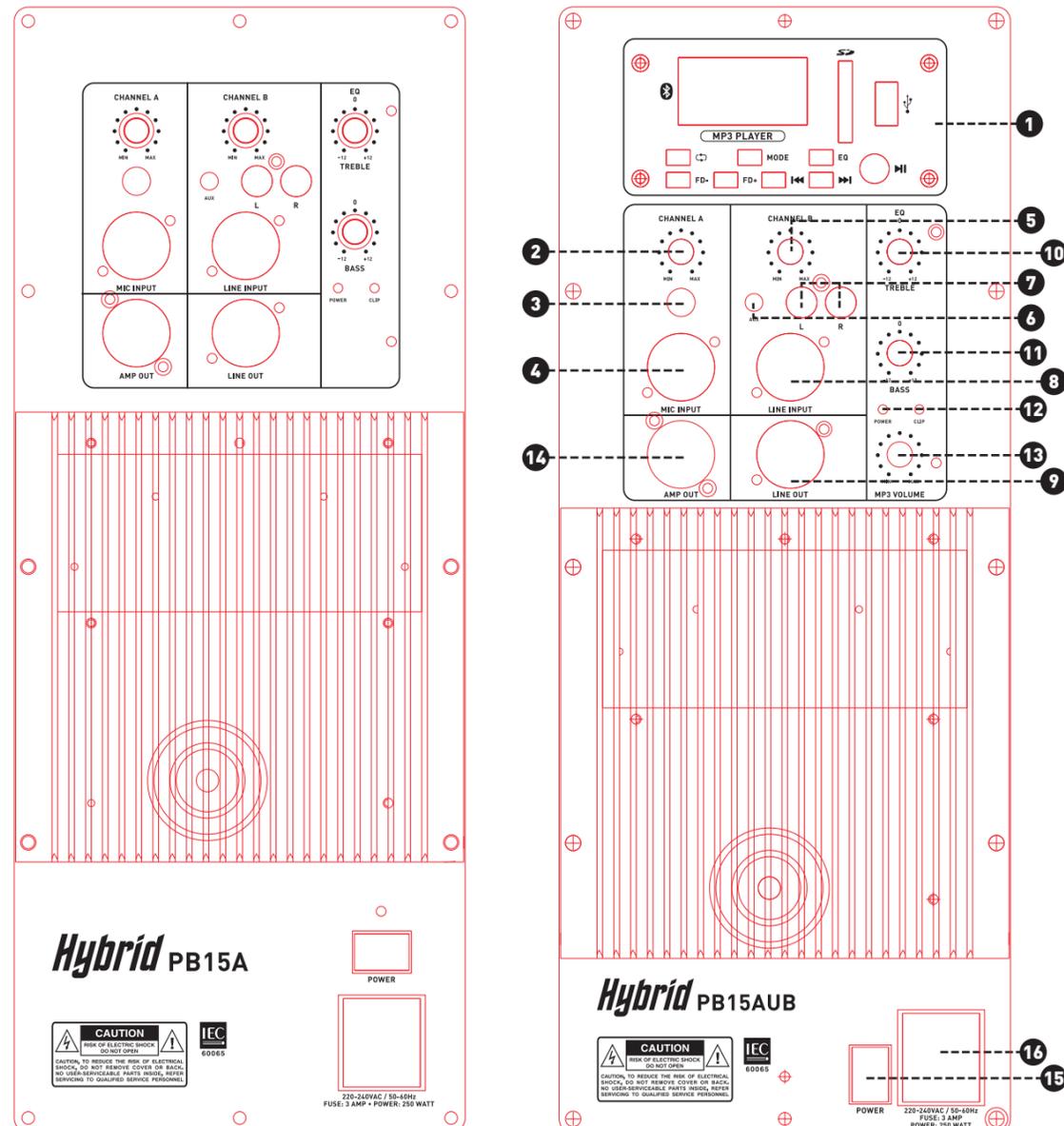
- All Operating Instructions should be read before using this equipment.
- To reduce the risk of electrical shock, do not open this unit. There are NO REPLACEABLE PARTS INSIDE. Please refer servicing to a qualified service technician.
- Do not expose this unit to direct sunlight or to a heat source such as a radiator or stove.
- This unit should only be cleaned with a damp cloth. Avoid solvents or other cleaning detergents.
- When moving this equipment, it should be placed in its original carton and packaging. This will reduce the risk of damage during transit.
- DO NOT EXPOSE THIS UNIT TO RAIN OR MOISTURE.
- DO NOT USE ANY SPRAY CLEANER OR LUBRICANT ON ANY CONTROLS OR SWITCHES
- Make sure All of your equipment is completely OFF and lower ALL VOLUME, LEVEL & GAIN controls before connecting a sound source.
- Only LINE LEVEL SIGNALS SHOULD BE SENT TO YOUR SPEAKER.

PLACEMENT TIPS

- Avoid placing loudspeakers in the corners of a room. This increases the low-frequency output and can cause the sound to be muddy and indistinct.
- Avoid placing loudspeakers against a wall. This, too, increases the low frequency output, though not as much as corner placement. However, if you do need to reinforce the low frequencies, this is a good way to do it.
- Avoid placing the active speakers directly on a hollow stage floor. A hollow stage can resonate at certain frequencies, causing peaks and dips in the frequency response of the room. It's better to place the speakers on a sturdy table or tripod stands.
- Position the speakers so the high-frequency drivers are two to four feet above ear level to the audience to maintain high frequency quality.

FRONT PANEL CONTROLS AND FEATURES

PB12A ▾ PB15A ▾ PB15AUB



INTRODUCTION

1. MP3 Player with USB /SD/ Bluetooth

MENU	MP3 Player
	Repeat
MODE	Stop / Detener /switch USB/SD/Bluetooth
EQ	Equalizer
FOLDER -	Last Folder
FOLDER+	Next Folder
TRACK	Last Music Song
TRACK	Next Music Song
	Stop/Player
	Bluetooth

2. Channel A : Control the Volume of Microphone Input
3. 1/4 Jack : Connect for Mic Input
4. XLR Connector : Connect for Mic Input
5. Channel B: Control the Volume of Line In
6. 3.5mm AUX In : Connect Device ,like Mobile
7. RCA Connector : Connect Device like CD, Tuner or Mixer, etc ,RCA Balanced
8. XLR line In : Connect Device like CD, Tuner or Mixer
9. XLR Line out : Connect a Active Speaker
10. Equalizer High : To Control the Tone Level of High Frequency at Range -12dB to +12dB
11. Equalizer Low : To Control the Tone Level of Low Frequency at Range -12dB to +12dB
12. Clip LED : It ill Light Up when the Applied Input Signal Reaches to Distortion, Reduce the Input Level in Order to Eliminate the Distortion.
13. MP3 Volume : Control the volume of MP3 Player , Including USB/SD/Bluetooth .
14. Speakon Out : Connect a Passive Speaker
15. Power Switch : It Allows to Switch On / Off the Unit
16. Power Cord Connector - Connect Here an IEC Main Power Cable in Order to Supply the Unit. Fuse 250V/3.15A

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