

PULSE



**12" ACTIVE ABS SPEAKER Model: PLS-112A
and 15" ACTIVE ABS SPEAKER Model: PLS-115A**

Please read these instructions carefully before use and retain for future reference.

IMPORTANT SAFETY INFORMATION

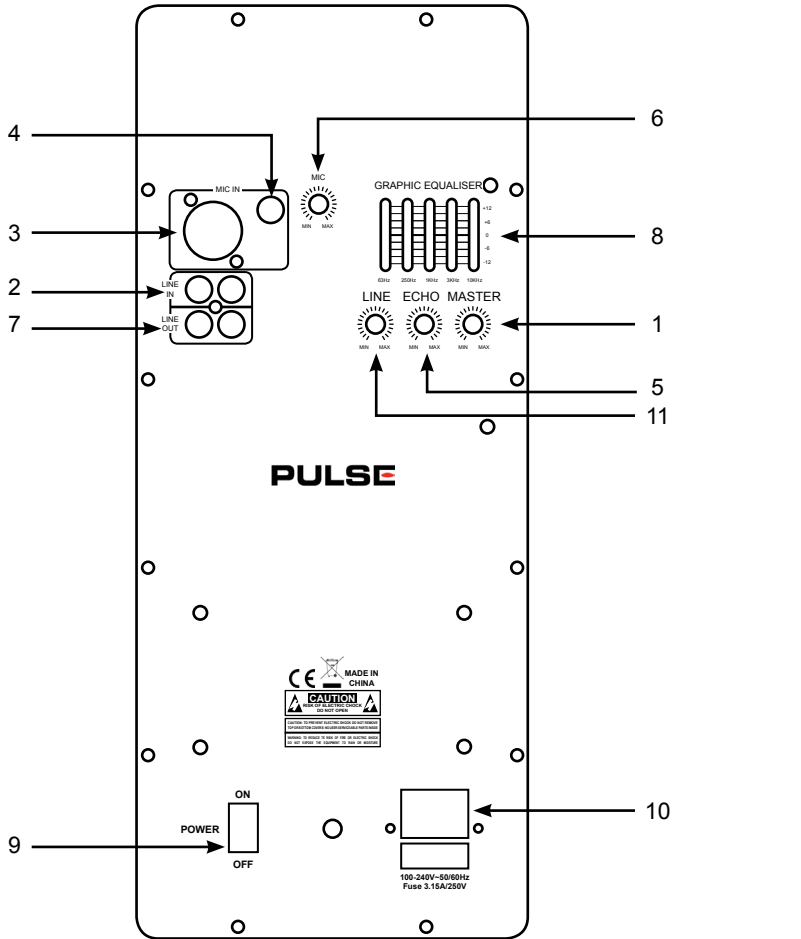
- When using electrical appliances basic safety precautions should always be followed.
- Check the product before use for any damage. Should you notice any damage on the cable or casing, do not use.
- Check that the voltage indicated on the rating plate corresponds with that of the local network before connecting the product to the mains power supply.
- Keep this product away from rain and moisture.
- For indoor use only.
- Do not block any ventilation openings.
- Do not install near to any heat sources.
- Always disconnect from the mains when the product is not in use or before cleaning.
- Do not operate or store in an environment of high humidity or where moisture may enter the product as this can reduce insulation and lead to electric shock.

Safety Information for Installation and Operation

CAUTION - These professional loudspeaker systems are capable of generating very high sound pressure levels. Use care with placement and operation to avoid exposure to excessive volume levels. Permanent hearing damage can result when operated to extreme levels.

- In order to avoid damage to drivers and other equipment, it is advisable to establish and follow a routine for powering up and powering down a sound system.
- With all system components connected, turn on source equipment (mixers, signal processors, record and playback units, etc.) BEFORE powering up amplifiers. Transient voltages from powering up source equipment can damage speakers if amplifiers are already turned on.
- Make sure that amplifier volumes are set to their minimum settings and power up any system amplifiers LAST. It is recommended that all system components be allowed to stabilize for several seconds before any source signals are introduced or level setting adjustments are made.
- Similarly, when shutting systems down, turn all amplifiers off first, before powering down any other system components.
- Do not use shielded or microphone cables for connection between amplifiers and speakers. Use only approved speaker cables with proper connectors.
- There are no user serviceable parts inside this product. Users should not attempt to service this product.
- Operate the product only after having familiarised yourself with its functions. Do not allow operation by persons unqualified.
- If rigging suspended mounting of the speaker system, a secondary means of suspension must be provided, such that in the event of a failure of the primary suspension, no part of the system can fall.
- The operator must make sure that safety related matters are observed and that the installation is approved by a qualified installer before taking into operation for the first time.

REAR PANEL OPERATION



- | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ol style="list-style-type: none"> 1. MASTER Level
Adjusts overall output audio level of speaker 2. LINE Input
L/R RCA line level inputs for connecting audio equipment (mixer, laptop, mobile device, CD/MP3 player) 3. MIC Input – XLR
XLR input for microphones 4. MIC Input – Jack
6.35mm Jack input for microphones 5. ECHO Level
Adjusts the amount of echo effect applied to the mic inputs 6. MIC Level
Adjusts the input level of the mic inputs | <ol style="list-style-type: none"> 7. LINE Output
L/R RCA line out for connecting to other audio equipment (additional active speaker, laptop, audio recorder) 8. Graphic Equaliser
A 5 band graphic EQ for easy tone adjustment of the speaker 9. POWER Switch ON/OFF
Turns mains voltage supply to speaker on/off 10. POWER Input
IEC socket for connecting to mains power, 100-240V AC 11. LINE Level
Adjusts the input level of the L/R RCA line inputs |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

CLEANING & MAINTENANCE

- Disconnect from the mains before starting the maintenance operation.
- Frequent cleaning is recommended. Use a soft lint-free moistened cloth.
- Do not use any chemicals, abrasives or solvents that could damage the device.

SPECIFICATIONS

Model Name	PLS-112A	PLS-115A
System Type	Active portable PA	Active portable PA
Frequency range	65Hz - 18kHz	55Hz - 18kHz
Impedance	4Ω	4Ω
LF Transducer size	12"	15"
HF Transducer	1"	1"
Dispersion (H x V)	90° x 50°	90° x 50°
Max SPL	115dB	118dB
Mic input	XLR and 1/4" jack	XLR and 1/4" jack
Line input	L/R RCA connector	L/R RCA connector
Line output	L/R RCA connector	L/R RCA connector
5-Band graphic EQ	63Hz/250Hz/1kHz 3kHz/10kHz	63Hz/250Hz/1kHz 3kHz/10kHz
Echo	Yes	Yes
Power (Peak)	100w	140w
Amp THD	0.1% 20Hz-20kHz	0.1% 20Hz-20kHz
Amp frequency response	20Hz - 20kHz +/-1dB	20Hz - 20kHz +/-1dB
Input voltage	100v-240v 50Hz/60Hz	100v-240v 50Hz/60Hz
Dimensions	420 x 350 x 640mm	490 x 400 x 740
Net Weight	11.0kg	14.8kg



INFORMATION ON WASTE DISPOSAL FOR CONSUMERS OF ELECTRICAL & ELECTRONIC EQUIPMENT.

When this product has reached the end of its life it must be treated as Waste Electrical & Electronic Equipment (WEEE). Any WEEE marked products must not be mixed with general household waste, but kept separate for the treatment, recovery and recycling of the materials used. Contact your local authority for details of recycling schemes in your area.



Made in China. PR2 9PP
Man Rev 1.0