LA1422A

Active Line Array Full Range Speaker

Description

The LA1422A is a compact mini line array speaker system designed for professional sound reinforcement. Equipped with a 10" LF driver and dual 1.75" HF drivers, it delivers powerful output with a wide frequency response and high SPL. Built with durable marine-grade plywood and aluminum alloy accessories, the system ensures reliability in various environments. With its built-in Class-D amplifier and efficient power supply, the LA1422A is ideal for mobile applications and small to medium-sized live events.
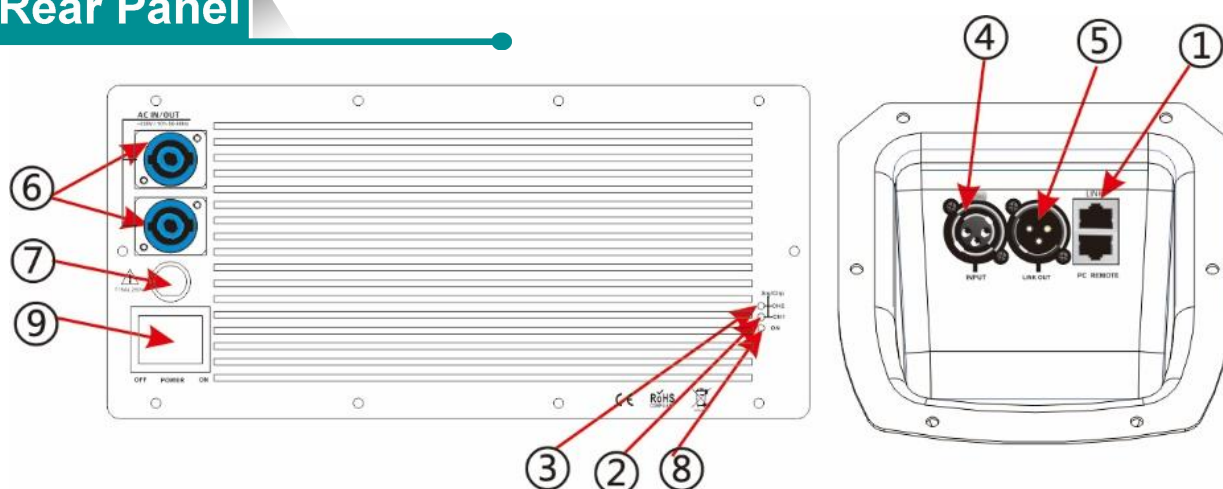
Features

- 10" LF ×1 and 1.75" HF ×2 drivers for clear and balanced sound
- Frequency response of 62Hz–18kHz with high sensitivity (96dB)
- Maximum SPL of 121dB for powerful performance
- 350W (AES) continuous power handling with 500W built-in amplifier
- Class-D amplifier with low distortion (<0.05%)
- Marine-grade plywood enclosure and aluminum alloy hardware
- Flexible coverage angle (120° × 5°–20°, depending on arrays)
- RS485 control interface with dedicated converter support
- XLR input and parallel output for easy system integration
- Compact design, lightweight at 18kg, suitable for mobile use

Specifications

Model	LA1422A
Drive Unit	10" LF ×1, 1.75" HF ×2
Frequency Response	62Hz-18kHz
Sensitivity	96±2dB

Max. SPL	121±2dB
Speaker Continuous Power	350W (AES)
Directivity (H×V)	120°×5°~20° (Depending on the Number of Arrays)
Built-in Amplifier Input Impedance	20kΩ
Built-in Amplifier Output Power	500W
Amplifier Input Sensitivity	0.775V
Amplifier Distortion	＜0.05%
Working Voltage	AC190V~240V/50Hz
Color	Black
Dimensions (H×W×D)	274mm×500mm×350mm
Net Weight	18kg

Front / Rear Panel

① Control Interface: Connected to the computer via RS485 (requires a dedicated RS232-to-USB converter).

② CH2 Signal Indicator: Flashing green for signal indication; red flashing indicates signal overload.

③ CH1 Signal Indicator: Flashing green for signal indication; red flashing indicates signal overload.

④ Signal Input: XLR signal input (1: Ground, 2: +, 3: -).

⑤ Signal Output: XLR parallel output (1: Ground, 2: +, 3: –).

⑥ Power Input Interface.

⑦ Fuse.

⑧ Power Indicator: Green indicates normal operation; red indicates protection mode.

⑨ Power Switch: ON = Power on, OFF = Power off.

Product Dimensions