

LA1423A

1000W Versatile Active Array Loudspeaker



Description

The LA1423A is a versatile line array loudspeaker engineered with one bass driver and two 2.5-inch high-frequency drivers, delivering a frequency response spanning from 58Hz to 18kHz. Powered by a Class-D amplifier with an output of 1000W, the system ensures robust and articulate audio reproduction. Its compact, marine-grade enclosure is designed to withstand the demands of mobile applications while maintaining exceptional sonic performance.

Features

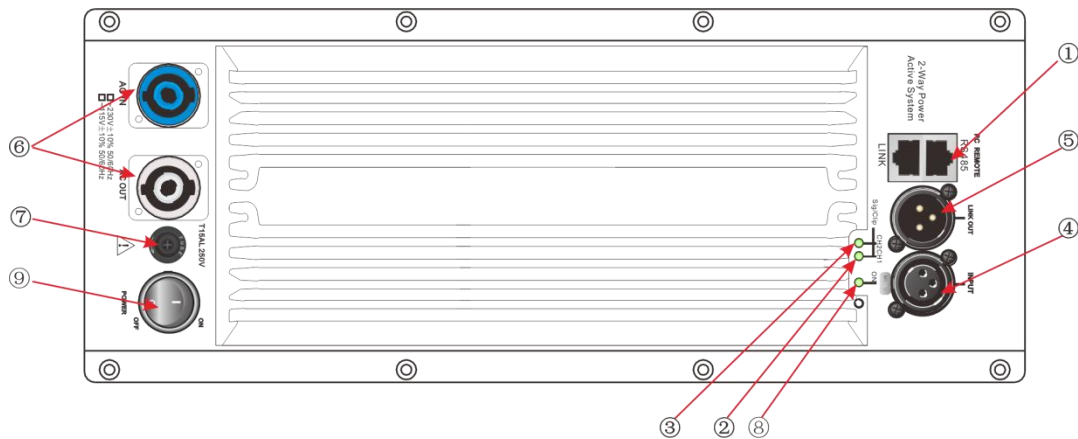
- This system is a mini line array configuration engineered for high power output and high sound pressure level capability.
- The enclosure is constructed from marine-grade plywood, ensuring high reliability and structural integrity; all metal hardware is fabricated from high-quality aluminum alloy.
- Driven by a high-peak-capacity switch-mode power supply (SMPS) coupled with a dedicated Class-D power amplifier module.
- Optimized for mobile and portable sound reinforcement applications, facilitating rapid deployment and transport.

Specifications

Model	LA1423A
Drive Unit	12" Bass×1, 2.5" Treble×2
Frequency Response	58Hz-18000Hz
Speaker Sensitivity (1m, 1W)	97±2dB
Max. SPL	123±2dB

Active Signal Input Impedance	20kΩ
Amplifier Power	1000W
Amplifier Input Sensitivity	0.775V
Directivity (H×V)	120°×5°~20° (depending on the number of arrays)
Amplifier Distortion	<0.05%
Working Voltage	AC190V~240V/50Hz
Dimension (W×D×H)	582mm×414mm×343mm
Weight	24kg

Amplifier Panel Introduction



- ① Control Interface: Connected to the computer through RS485, and a RS232-USB interface is required for conversion.
- ② Channel 1 Indicator Light: flashing green for signal indication, and flashing red indicates signal overload.
- ③ Channel 2 Indicator Light: flashing green for signal indication, and flashing red indicates signal overload.
- ④ Input Interface: XLR signal input. (1: ground, 2: +, 3: -)
- ⑤ Output Interface: XLR output signal through port. (1: ground, 2: +, 3: -)
- ⑥ Power Supply Input: AC220V 50Hz.
- ⑦ Safety Device: 15A.
- ⑧ Power Indicator: This light indicates that the power supply is connected.
- ⑨ Power Switch

Dimension

