

LA1421SA

15-Inch 1500W Active Professional Subwoofer



Description

This product is an actively powered subwoofer featuring a long-excursion woofer that delivers authoritative and impactful low-frequency output. The enclosure is constructed from marine-grade plywood, ensuring exceptional structural integrity and environmental durability, while all metal hardware is fabricated from high-quality aluminum alloy. The system is driven by a high-peak-capacity switch-mode power supply (SMPS) coupled with a dedicated Class-D power amplifier module.

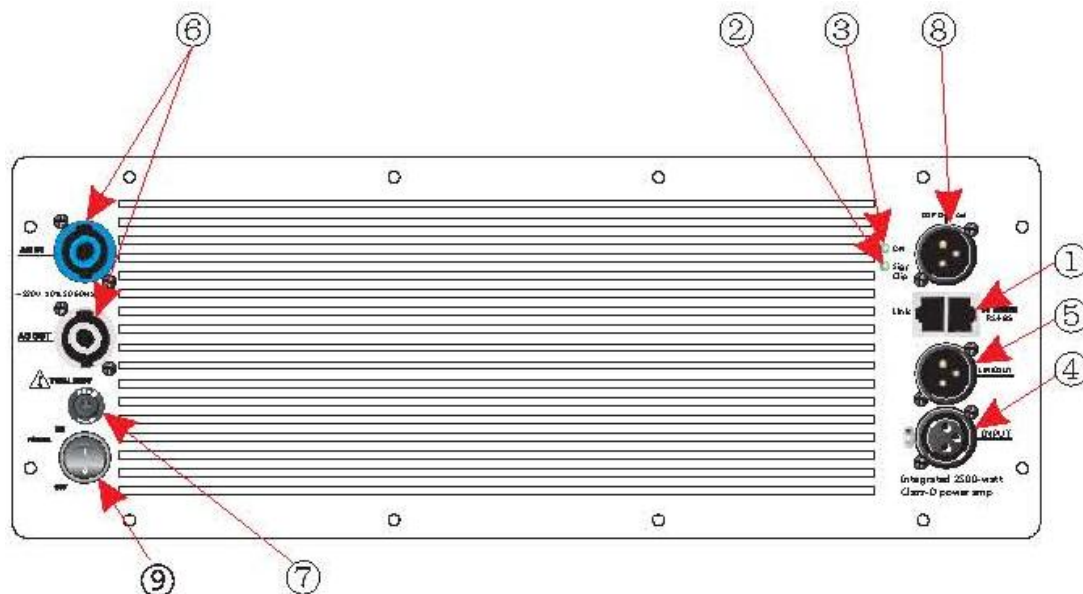
Features

- Enclosure constructed from marine-grade plywood, offering high reliability and structural integrity; all metal hardware 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.
- Equipped with a long-excursion woofer engineered to deliver authoritative low-frequency extension and high-impact bass response.
- Optimized for mobile and portable sound reinforcement applications.

Specifications

Model	LA1421SA
Unit Structure	15" woofer ×2
Frequency Response	32 Hz – 230 Hz
Speaker Sensitivity (converted to 1m, 1W)	104±2dB
MAX. SPL.	134±2dB
Active Signal Input Impedance	20 kΩ
Amplifier Power	1500W
Amplifier Input Sensitivity	0.775V
Amplifier Distortion	<0.05%
Working Voltage	AC190V~240V/50Hz
Color	Black
Dimensions (W×D×H)	779mm×685mm×521mm
Weight	63kg

Amplifier Panel



- ① Control Interface: Connected to the computer through RS485, and a RS232-USB interface is required for conversion.
- ② Signal Indicator: Flashing blue for signal indication, while flashing red for signal overload indication.
- ③ Power Indicator: Blue for normal operation, while red for protection state.
- ④ Signal Input: XLR signal input (1: GND, 2: +, 3: -).
- ⑤ Signal Output: XLR input signal straight-through port. (1: GND, 2: +, 3: -)
- ⑥ Power Input: AC 220V 50Hz.
- ⑦ Safety Device: 15A.
- ⑧ Processor CH2 Output: This port is the CH2 signal output of the processor, which is connected to the active full-range speaker.
- ⑨ Power Switch.

Basic Dimensions

