

LA1428A

Active Array Speaker



Description

This product is an active line array speaker, with high power and high SPL.. The speaker box body is made of special plywood for sea vessels, with high reliability, and all metal accessories are made of high-quality aluminum alloy. It is powered by high peak power switching power supply, with Class-D independent power amplifier.

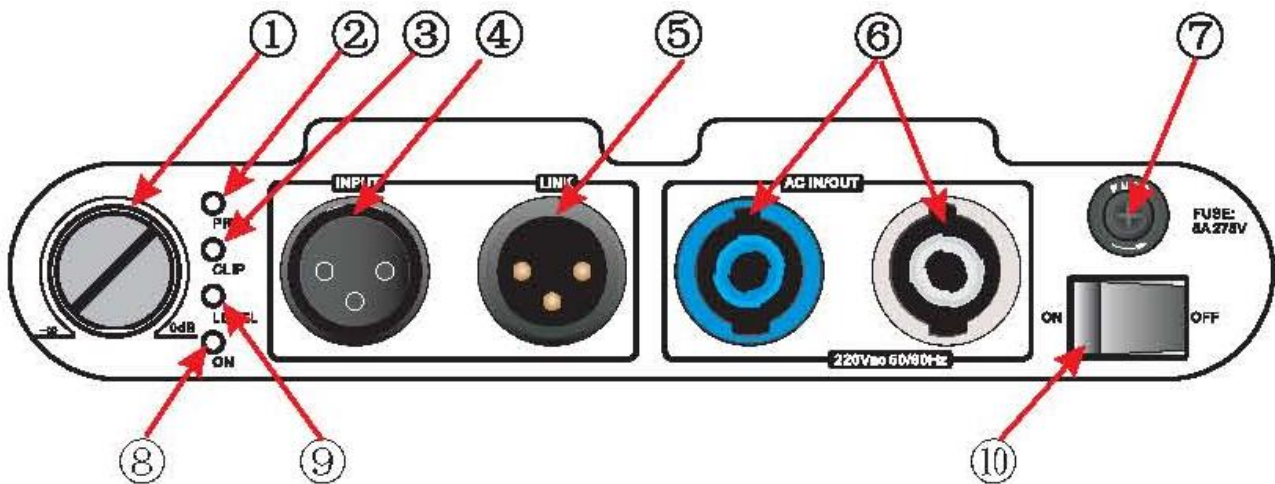
Features

- This system is a small line array system, with high power and high SPL..
- The speaker box body is made of special plywood for sea vessels, with high reliability, and all metal accessories are made of high-quality aluminum alloy.
- Powered by high peak power switching power supply, with Class-D independent power amplifier.
- Excellent for mobile applications.

Specifications

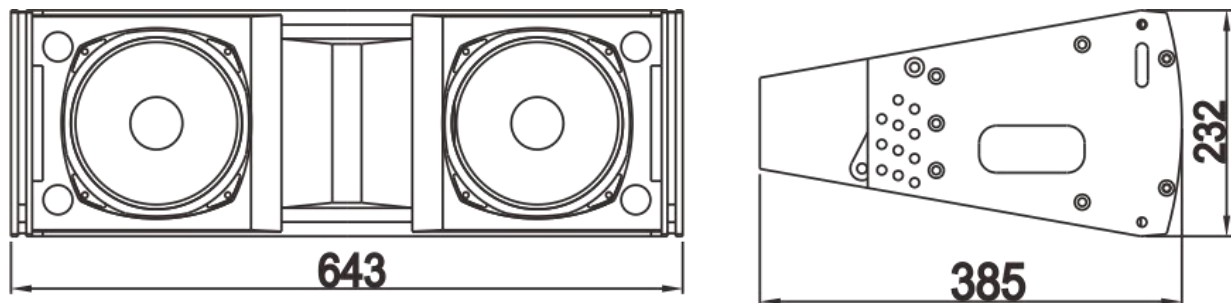
| Model | LA1428A |
|---|--|
| Unit Structure | 8" woofer×2, 1.75" tweeter×2 |
| Frequency Response | 70Hz-18kHz |
| Speaker Sensitivity (converted to 1m, 1W) | 98±2dB |
| MAX. SPL. | 124±2dB |
| Active Signal Input Impedance | 20 kΩ |
| Amplifier Output Power | 600W |
| Amplifier Input Sensitivity | 0.775V |
| Directivity (H×V) | 120°×5°-20° (Depend on the number of arrays) |
| Amplifier Distortion | <0.05% |
| Working Voltage | AC190V-240V~50Hz |
| Dimensions | 643mm×385mm×232mm |
| Weight | 17kg |

Amplifier Panel



- ① Volume Knob: Rotate the knob to control the volume.
- ② Protection Indicator: If this indicator light is on, the amplifier is in a protection state.
- ③ Limit Indicator: If this indicator light is on, the amplifier is clipping, and the input level needs to be reduced appropriately.
- ④ Input Interface: XLR signal input (1: GND, 2: +, 3: -).
- ⑤ Output Interface: XLR input signal straight-through port. (1: GND, 2: +, 3: -)
- ⑥ Power Input: AC 220V 50Hz/60Hz.
- ⑦ Safety Device: 5A.
- ⑧ Power Indicator: If this indicator light is on, the power supply is connected.
- ⑨ Level Indicator: If this indicator light is on, the signal has been input.
- ⑩ Power Switch.

Basic Dimensions



Installation Method

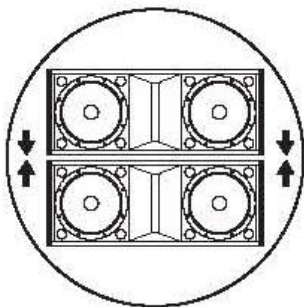


Figure A

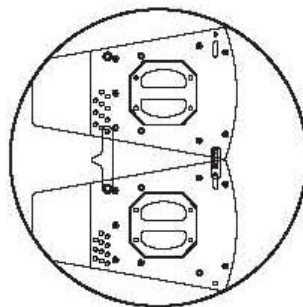


Figure B

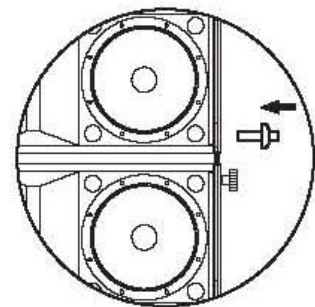


Figure C

1. Arrange the array speakers in parallel (Figure A).
2. Pull out the connectors and bolts (Figure B).
3. Align the connectors with the mounting holes as needed and insert the bolts (Figure C).