



Overview

AS series is specially designed for LCA and VS series applications, making it the easiest way to form a complete sound reinforcement system. The AS series active system can easily expand the low frequency of the LCA series and VS series speakers to meet the needs of more application scenarios. At the same time, AS has built in powerful DSP processing and efficient digital power amplifier, so that LCA series and VS series speakers can be upgraded to full-band active system immediately.



Features

- Mobility, lightweight cabinet design
- Neodymium unit and waterproof coating
- Light, firm and quick assembly and disassembly
- High output power
- Built-in DSP processor with 4 bands user-defined preset buttons
- Unique computer remote control software via USB
- Flexible combination, can be used flexibly according to different venues

Applications

AS-12 is a compact high-output subwoofer that can be used in close combination with LCA series and VS series. The box design adopts the cuboid design, the inverted design and the precisely calculated aperture design make the bass strong, thick and powerful.

Apply to:

- Mobile sound system
- Lecture Hall
- Airport
- Station
- Pier
- Enterprise presentation system
- Theme park AV sound effects
- 4D cinema

Description

The AS-12 uses a bass reflex design by using a computer to predict and analyze cabinet resonances, and to reduce these resonances by enhancing the structure, making the bass appear clean and crisp, without cabinet coloration. The optimized cavity design makes the speaker volume more compact. The long-stroke high-power unit is adopted, combined with advanced DSP control technology, to effectively control the overload distortion, edge beat and other problems caused by high power. AS-12 can be matched with LCA series and VS series through the predicted parameter call of DSP processor, and debugging is simple and fast. The box is made of high-strength "Baltic birch plywood", tongue and groove joint technology, and the box is strong and durable. The two sides of the speaker are designed with handles for carrying, and the bottom of the speaker is reserved for mounting screw holes for pulleys, which is convenient for carrying and moving. The surface treatment adopts multi-layer environmental protection water-based paint, which is strong, durable and environmentally friendly.

AS-12 can reach the frequency response range of 40Hz~500Hz, and the maximum sound pressure output reaches 130dB, which is enough to meet the application of a small multi-purpose hall.

In general, for the system collocation of AS-12, we provide the following system collocation suggestions,

- ① AS-12+ Lark-8
- ② AS-12 + Lark-16
- ③ AS-12 + VS-8

*ENEWAVE's extension rod EP-1 and shortrod SJ-1 are suitable for all AS series impression jacks, and accessories need to be purchased separately.

SPECIFICATIONS **AS-12**

Physical Parameters

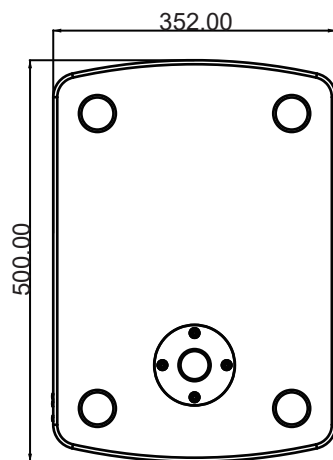
Component	1 X 12" ferrite driver unit, waterproof coating
Operation type	Bass reflex and built-in DSP processing and Class-D amplifier
Profile	Cuboid
Cabinet	Baltic birch plywood, tongue and groove technology
Surface	Water-based wear-resistant coating
Connectors	1xPowercond power input 1xNL4 speakON output 1xXLR/Jack input 1xXLR link out
Dimension	440mm x 352mm x 500 mm (HxWxD)
Weight	21kg

Nominal Parameters

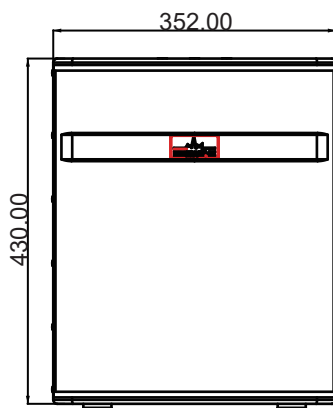
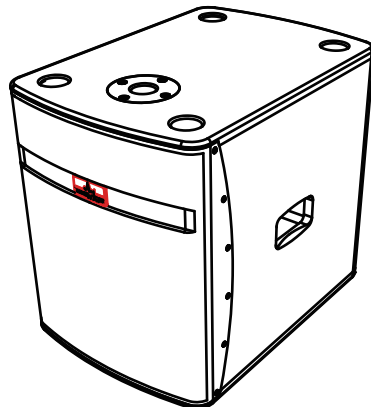
Frequency response	+ /-3dB	40Hz-250Hz
(1 Watt @ 1m)	-10dB	35Hz-500Hz
Power output of amps	400W+800W	
Max. SPL (@ 1m)	130dB	
Nominal coverage angle(-6dB)	N/A	

Dimension and diagram

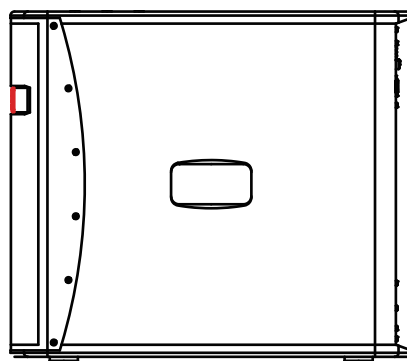
Unit:mm



TOP



FRONT



RIGHT SIDE

Rear panel & Connectors

