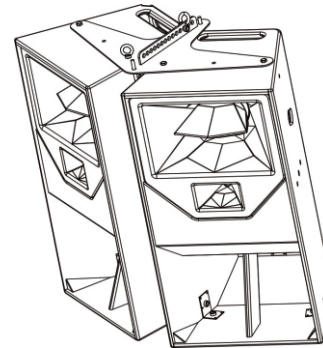


3-WAY LOUDSPEAKER SYSTEM

For Fixed installation & Touring



AH 15R2 Horn loaded system



Features

The AH15R2 is a high quality fully horn loaded array system, which is based on the technology of LCW™(Linear Coupled Waveguide). The AH15R2 is a passive three-way loudspeaker. The low section comprises a 15-inch neodymium cone driver (4-inch voice-coil) mid section included a neodymium 8" driver and The HI section includes a 1.75-inch diaphragm HF compression driver, the Mid section together with High section fully loaded by a 50°(H) X 25°(V) special horn, excellent directivity control down to 500 Hz is critical.

As a three way full range system, the frequency response shall be 50 Hz to 18 kHz (-10dB).

The cabinet constructed of 18 mm birch plywood with internal braces include 2 wood integrated handles on the sides and internal preset friendly and easy rigging points of the cabinet,

The cabinet is finished in excellent purple water-based textured paint.

The AH 15R2 loudspeaker enclosures provide a versatile system that is designed for high performance fixed installation and touring.

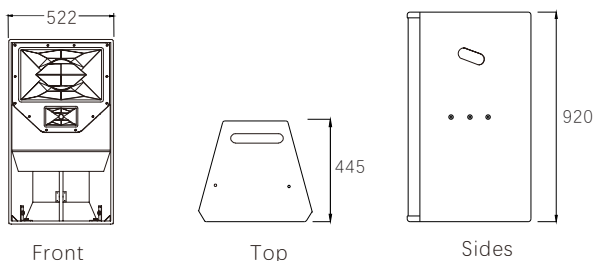
Combined with a&a series or other brands punchy subwoofers, the AH 15R2 allows to create compact and powerful systems suitable for all indoor or outdoor configuration.

The AH 15R2 is also ideal for array system or distributed sound reinforcement and can be used in Medium power front-of-house (FOH) applications for theaters, clubs, Gymnasium, stadium or corporate events and touring.

Technical specifications

Frequency response@-10dB	50 Hz ~18 kHz
Coverage angle@-6 dB	H:50° V: 25°
Sensitivity@1w/1m	LF: 102 dB/SPL MF: 106 dB/SPL HF: 107 dB/SPL
Maximum SPL@1m f >90Hz, AES/Peak	LF: 128 dB @AES / 131 dB @Peak /SPL MF: 129 dB @AES / 132 dB @Peak /SPL HF: 127 dB @AES / 130 dB @Peak /SPL
Nominal impedance	LF: 8 ohms MF: 16 ohms HF: 8 ohms
Power rated	LF: 400W @AES / 800W @Peak MF: 200W @AES / 400W @Peak HF: 80W @AES / 160W @Peak
Components	LF: 1 x 15" cone driver MF: 1 x 8" cone driver HF: 1 x 1.75" diaphragm compression driver
Type of load	LF: bass-reflex MF & HF: special waveguide
Finish	Purple, other colours on request
Cabinet	18mm birch plywood with internal reinforcement, finished in water-based textured paint
Connectors	2 x Neutrik Speakon NL4MP
Rigging	special rigging system
Dimensions (H x W x D)	920 x 522 x 445 mm
Weight	Unit net weight: 37kg Unit gross weight: 40kg

Overall dimensions



»Sensitivity is the average SPL measured over the components rated bandwidth, Power rating displays the long term AES power handling capacity using pink noise with a 6 dB crest factor, over the components rated bandwidth.

» Directivity is averaged over the frequency range.

» The SPEAKON connectors are wired as follow,

Low: hot pin 1+, cold pin 1-.

Mid/High: hot pin 2+, cold pin 2-