

LINE SOURCE SYSTEM

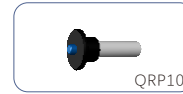
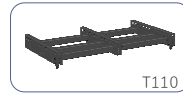
For Fixed installation & Touring



LA 110 2-way system



Accessories



- T110: Rigging Bumper for LA110, load max 16 cabinets
 QRP10: Locking pin for flying or stacking LA110 cabinets.

Features

The LA110 is a high quality compact vertical line source array system. The specified conception is based on the technology of LCW™ (Linear Coupled Waveguide).

The LA110 shall be an passive or active 2-way loudspeaker system, it contains a high power 10-inch mid-low frequency cone driver and two 1.75-inch voice coil compression titanium drivers with special optimised waveguide together fixed on a 120°(H) X 10°(V) waveguide. As a full range system, the frequency response shall be 70 Hz to 18 kHz (±3dB).

The cabinet shall be installed using a dedicated rigging bumper and accessories for an easy, safe and convenient rigging system.

The cabinet constructed of 18 mm birch plywood with internal braces include 2 recessed handles and have 4-points aluminum rigging system is installed on the sides of the cabinet, flying up to 16 elements.

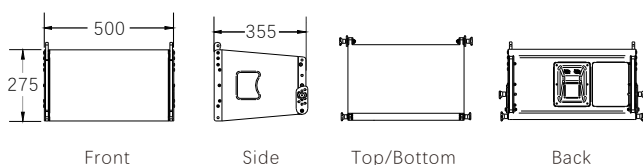
The mechanical and acoustical design of the LA110 cabinet enables vertical splay angles to be set between 0° and 10°.

The cabinet is finished in excellent black impact resistant textured paint and the front of the cabinet shall be protected by a rigid metal grill covered with replaceable acoustically transparent silks.

Applications

The LA110 is a high quality compact line source array system, and combined with a&a subwoofers which is deal for small to medium power applications, including touring, stadiums, theatre, churches and multi-purpose halls etc. And it can also be used as a supplement of the large system.

Overall dimensions



Technical specifications

Frequency response@±3dB	70 Hz ~18 kHz
Coverage angle@-6 dB	H: 120° V: 0°~10°
Sensitivity@1w/1m	LF: 100 dB / SPL HF:110 dB / SPL
Maximum SPL@1m f >90Hz, AES/Peak	LF: 127 dB @ AES / 133 dB @ Peak / SPL HF:132 dB @ AES / 138 dB @ Peak / SPL
Nominal impedance	LF: 16 ohms HF:16 ohms
Power rated	LF: 300W @AES / 600W @Peak HF:160W @ AES / 320W @ Peak
Type of load	LF: bass-reflex HF:LCW™ waveguide
Components	LF: 1 x 10-inch cone driver (3" voice coil) HF: 2 x 1.75-inch compression drivers
Finish	Black, other colours on request
Cabinet	18mm birch plywood with internal reinforcement, finished in impact resistant textured paint
Connectors	2 x Neutrik Speakon NL4MP
Rigging	4 points Compression System Aluminum accessories on both sides
Dimensions (H x W x D)	275 x 500 x 355 mm
Weight	Unit net weight: 23kg Unit gross weight: 25kg

»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-.

High: hot pin 2+, cold pin 2-