

# LINE SOURCE SYSTEM

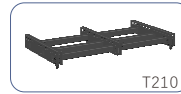
For Fixed installation & Touring



## LA 210 2-way system



### Accessories



- T210 : Rigging Bumper for LA210, load max 16 cabinets  
 QRP60 : Locking pin for flying or stacking LA210 cabinets.

### Features

The LA210 is a high quality compact vertical line source array system. The specified conception is based on the technology of LTW™ (Linear Toroidal Waveguide) technology.

The LA210 shall be an passive or active 2-way loudspeaker system, double 10-inch mid-low frequency cone drivers and one 2-inch voice coil compression titanium driver with special toroidal waveguide together fixed on a 75°(H) X 15°(V) waveguide. Horizontal symmetry is formed between mid-low frequency and high frequency. As a full range system, the frequency response shall be 70 Hz to 18 kHz (-5dB).

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 integrated handles and have 4-points aluminum rigging system is installed on the sides of the cabinet, flying up to 16 elements.

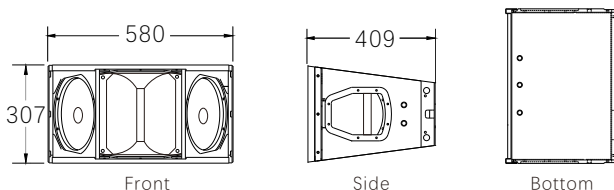
The cabinet is finished in excellent black impact resistant textured paint and the front of the cabinet shall be protected by a rigid mental grill covered with replaceable acoustically transparent foam.

The mechanical and acoustical design of the LA210 cabinet enables vertical splay angles to be set between 0° and 14°. LA210 cabinets can therefore be used in vertical configurations starting from two cabinets with a 15° to 30° dispersion, up to 20 cabinets with a fully user and venue defined vertical profile.

### Applications

The LA210 is a high quality compact line source array system, designed 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@-5dB	70 Hz ~18 kHz
Coverage angle@-6 dB	H: 75° V: 0°~14°
Sensitivity@1w/1m	LF: 100 dB / SPL HF:106 dB / SPL
Maximum SPL@1m f >90Hz, AES/Peak	LF: 127 dB @ AES / 133 dB @ Peak / SPL HF:125 dB @ AES / 131 dB @ Peak / SPL
Nominal impedance	LF: 16 ohms HF:16 ohms
Power rated	LF: 2 x 250W @AES / 2 x 500W @Peak HF:80W @ AES / 160W @ Peak
Type of load	LF: bass-reflex HF:LTW™ waveguide
Components	LF: 2 x 10-inch cone drivers (3" voice coil) HF:1 x 2-inch diaphragm compression driver
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)	307 x 580 x 409 mm
Weight	Unit net weight: 25kg Unit gross weight: 30kg

»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-