

Touring Series

Full-range 2Way horn loaded arrayable 140db SPL active loudspeaker

Audio-Performance SL2-F

The SL2-F loudspeaker is a fully horn-loaded cabinet made for applications where directivity and power are of utmost importance.

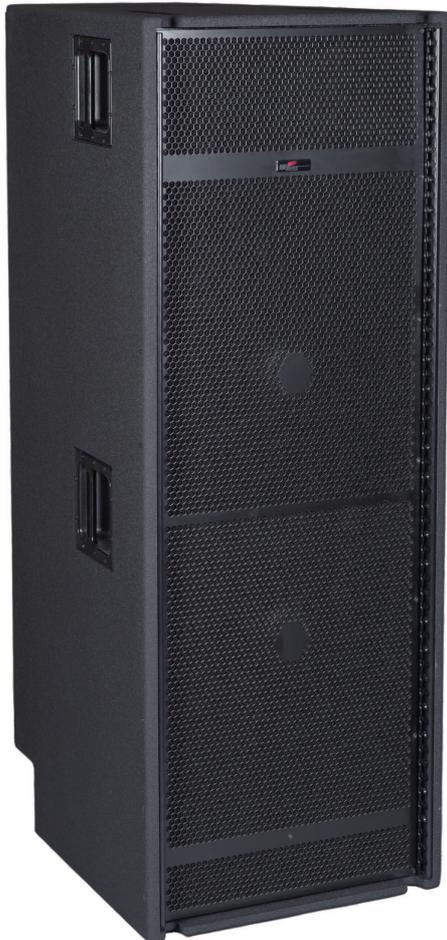
Top sound quality :

The SL2-F system is a processor controlled 2 way active design, LO & MID/HI. The SL2-F uses two proprietary 12inch low frequency cone driver house in a horn-loaded enclosure and a 1,4inch high frequency driver loaded with a 70°x 40°CD horn. The drivers are acoustically aligned at the same vertical plane producing thus an astonishing flat and smooth frequency response from 45Hz to 20kHz.

With a cut-off frequency of 40Hz, the SL2-F can be used as a stand alone full-range cabinet, or can be associated with AP SUB800 or AP1000 subwoofer to extend the low frequency response of the entire sound system.

Easy operation:

The SL2-F is easily arrayable with its 8,5° trapezoidal shape and L-track rigging flying hardware. It can easily build clusters both vertical and horizontal if higher directivity patterns and/or higher SPL levels are required.



IDEAL FOR

Touring
Concert halls
Clubs
Discotheques
Festivals

The SL2-F is ideal for any professional touring or installation application requiring directivity control and high sound pressure levels

Special Features

Full-range

High efficiency

Long throw

Arrayable

40Hz Cut off frequency

TOURING Series

SL2-F Specifications

ACOUSTICAL WITH AUDIO-PERFORMANCE CONTROLLERS ALC48

Frequency response (1).....	40Hz - 20'000Hz
Phase response	350Hz - 10Khz + / - 45°
Maximum peak SPL (2).....	146dB
Directivity H x V	70° x 40°
Crossover frequency (3).....	980Hz
Power handling	
LO section	800W (AES) (4)
HI section	140W (AES) (4)

TRANSDUCERS

Low frequency	2 x 12 inch, ferrofluid cooled, long excursion
Nominal impedance	4 Ohms
High frequency	1 x 3 inch diaphragm, ferrofluid cooled compression driver, loaded with 70°x 40°CD horn.
Nominal impedance	8 Ohms

ELECTRICAL

Connectors	2 x Neutrik Speakon, model NL4MP wired in parallel
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MECHANICAL

Enclosure:	15 & 18mm plywood
Finish	Black epoxy painted
Dimensions (W x H x D)	564 x 1500 x 758mm
Grill	Removable perforated 1,6mm steel, foam cover
Weight	115kg
Rigging	Aircraft L-track fittings, front and back

