

LINE ARRAY Series

Self-Powered high-SPL subwoofer for DLA10 / DLA10W line array
PC remote controlled with networking

Audio-Performance SUB6-amp

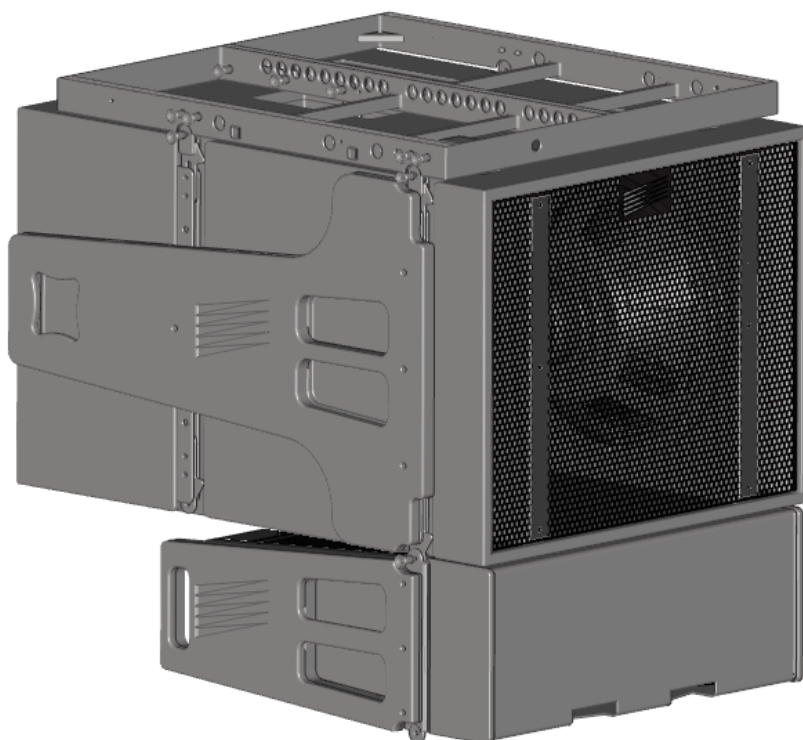
The SUB6-amp has been designed to complete and achieve a really High Standard Full Range Line Array in combination with DLA10 / DLA10W Line array cabinets.

The SUB6-amp is composed of two 18" ND low frequency cone drivers mounted in a manifold configuration. The complex elliptic bass reflex design reinforces the bass in order to achieve a flat frequency response down to 35Hz.

The patent pending Rigging System allows to fly or stack DLA10 with SUB6-Amp and to fly SUB6-Amp under SUB6-Amp. With his unique Rigging Belt, only one bumper is needed to fly a whole array. Plus, the Bumper can also directly hang the DLA10 / W array, as DLA10 / W and SUB6-amp foot print is similar.

In Ground Stacking uses, the Belt, in addition with the special Curtain Pole, allows to set up the array very easily with a Positive or a Negative Start Angle in order to fulfil most of directivity needs. The mighty SUB6-amp loads one Audio Performance DSP controlled, D2SP Amplifier Modules which can deliver up to 2'500W.

Mainly developed for Line Array purposes, the Subwoofer SUB6-amp will fit perfectly any time a large bass reinforcement is needed.



IDEAL FOR

Touring
Concert halls
Discotheques
Sound effects

The SUB6-amp subwoofer system is ideal for any professional application requiring accurate low frequency reinforcement at high sound pressure levels

Special Features

Very high power

35Hz cut-off frequency
optimal LF coupling

Ethernet Networking

PC remote controlled

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SUB6-amp Specifications

ACOUSTICAL

Frequency response (1).....	35Hz - 150Hz
Maximum peak SPL (2)	140dB

TRANSDUCERS

Low frequency	2 x 18 inch, ND ferrofluid cooled, long excursion low distortion cone driver
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AMPLIFIER

Output power (bridge) (5)	2'500W RMS
THD, DIM, SMPTE	< 0,05%

AUDIO INPUT

Type.....	Analog Differential balanced input circuit
Connectors.....	Female XLR; Male XLR loop
Nominal impedance.....	10K Ohm
XLR wiring.....	1: GND, 2: positive, 3: negative

DSP

Sampling rate	96KHz
Basic delay	0.76 ms
Dynamic range	115 dB

REMOTE / NETWORK

Type	PC and PodWare Software
Connectors	RJ45 female, RJ45 loop

AC power

Connectors.....	Female PowerCon, in; Male PowerCon loop
Input voltage (EU).....	115V - 230V nominal, +/- 10%

MECHANICAL

Enclosure:	18 & 24mm plywood
Finish	Black epoxy painted, other colours on request
Dimensions (W x H x D)	730 x 586 x 1060mm
Grill	Removable perforated 1,6mm steel, foam cover
Weight	98Kg

RIGGING

Esay Fly Rigging System	Up to 16x DLA10
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