

## LA112 DSP - LA112

### Single 12" Linearray Speaker

#### Features

The LA 112 is a single 12" two way bi-amp passive line array speaker specially designed to small-medium live touring performance which needs crucial sound quality. LA 112 is a true line array speaker which designed by meeting all criteria of Wave front Sculpture Technology--A true line array should be guided strictly by physics principl. LA 112 utilizes a high quality neodymium 1.5" horn throat compression tweeter with 65 mm (2.6") voice coil and a 12" high output neodymium mid-low driver with 75mm voice coil and humidity resistant paper cone, coupled with an optimized waveguide (20° vertical and 90° horizontal dispersion, optional 60° vertical and 110° horizontal dispersion). LA 112 ensures extraordinary performance with penetration and smoothness. Ultra compact and solid enclosure made from 15mm or 18mm high



quality plywood and finished with durable water paint for touring use. The 2 nylon strips offer protection to the bottom of the enclosure from scratches. Together with the slot which designed on the top of enclosure, the nylon strips also facilitate installation of one enclosure to another much easier.

LA 112 can be either flown, ground stacked or pole-mounted on bass speakers(LASUB18DSP) as main PA or ground stacked with subwoofer for front fill use. The integrated rigging system benefits from 3-point loading design. It's precisely made and highly safe with durable magnetic PIN. The rigging system offers angle adjustment from 0 to 10° with 2° step.

#### Technical Specifications

<b>Frequency Response</b>	60Hz--18kHz(±3dB) 46Hz--20kHz(-10dB)
<b>Sensitivity (@1w / 1m)</b>	103dB
<b>Nominal Impedance</b>	HF:4Ω, LF:4Ω
<b>Power Rating</b>	800 W-1600 W-3200 W
<b>LF Driver</b>	1x12 "(75mm voice coil) neodymium
<b>HF Driver</b>	2x2.5 "neodymium compression driver (65mm voice coil)
<b>Nominal Coverage Angle</b>	60° x 110°-20° x 90°-50° x 120°
<b>Maximum SPL</b>	139dB SPL peak
<b>Crossover Point</b>	1.3kHz
<b>Dimensions (H x W x D)</b>	343x 582 x 414 mm
<b>Weight</b>	24kg
<b>Connection</b>	2 x Neutrik NL4MP, LF: 1+1-, HF: 2+2-
<b>Enclosure</b>	15mm, 18mm multilayer birch plywood
<b>Finish</b>	Black water-based paint
<b>Grille</b>	Black steel mesh + acoustic transparent cloth