



# LA-30ND

## 3-WAY Tri-Amp Line Array Loudspeaker

### DESCRIPTIONS

The LA-30ND Three-Way Line Array cabinet is designed for high quality sound reinforcement in large venues with a wide range of applications. Use of advanced modern technologies, such as Neodymium speakers, solid birch plywood, combined with glass-fiber reinforced plastic, create a rugged and light-weight cabinet making the LA-30ND a very sturdy and powerful loudspeaker.

The system adopts mid-high coaxial expanding technology, ensuring that Mid Frequency (MF) and High Frequency (HF) synchronously produce equal SPL. The vertical dispersion of a single cabinet is only 5°, resulting in high-resolution sound reproduction over long distance.

Vertical variation angles of 0°, 2°, 4°, 8° or 10° are possible between the cabinets leading to outstanding system performance. The optimal setup is 12 cabinets per array.

### DRIVERS

Low Frequency(neodymium magnet):

2 x 15(inch) 380 mm dia ,

100 mm(3inch)voice coil dia

Mid Frequency(neodymium magnet):

4 x 8(inch) 210 mm dia,

64 mm(2.5inch)voice coil dia

High Frequency(neodymium magnet):

3 x 2.8(inch) 72 mm voice coil dia ,

38mm(1.5inch)throat dia

**PHD**  
PROFESSIONAL

# LA-SERIES

## SPECIFICATIONS

Frequency Response	45 Hz - 16 kHz ( $\pm 3$ dB)
Sensitivity	LF 102 dB , MF 106dB , HF 110 dB SPL (1W @ 1m)
Nominal Impedance	LF 2 x 8 ohms , MF 8 ohms , HF 16 ohms
Power Handling	LF 1200 watts (rms) , 4800 watts (peak) MF 600 watts (rms) , 2400 watts (peak) HF 300 watts (rms) , 1200 watts (peak)
Maximum SPL	LF 132 dB , MF 132 dB , HF 134 dB
Nominal Coverage Angle (-6 dB)	horizontal 90° varies with array size and configuration
Crossover Frequency	MF/HF 1.2 kHz , MF/LF 330 Hz
Recommended High Pass Filter	high pass => 50 Hz , 24 dB/octave
Enclosure Construction	Composite enclosure with structured
Finish	Wear-resistant textured black paint
Grille	Powder coated perforated steel, foam backed
Suspension Hardware:	Proprietary PHD rigging system
Input Connectors	Speakon NL8 x 2
Dimensions (H x W x D)	488mm x 1162 mm x 545mm
Net Weight	62 kg

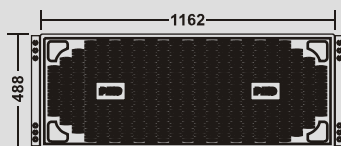
## FEATURES

- 3-Way Line Array system
- High sensitivity power output
- Optimum distance coverage 100m
- Easy installed PHD flying system
- Used in combination with H218 subwoofer
- Speaker management via PD-dsp amplifiers

## APPLICATIONS

- Large arenas, stadiums, gymnasiums and performance events with audiences of over 10,000 people and with an optimal distance of 100m

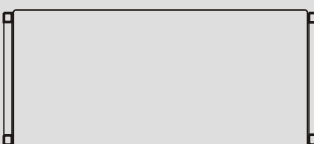
## FREQUENCY RESPONSE



Front



Side



Top