

# HDL 50-A

## ACTIVE THREE-WAY LINE ARRAY MODULE



### DESCRIPTION

The HDL 50-A is a true active high power speaker system ready to use touring system for large events, indoors and outdoors. Equipped with 2x12" woofers, 4x symmetrical 6.5" midranges and two 2" drivers, it offers excellent playback quality and high sound pressure levels with a built in 2200W RMS powerful digital amplifier that delivers superior SPL, while reducing energy requirement. Using advanced neodymium magnets and a groundbreaking new housing constructed from lightweight plywood and polypropylene, it has a remarkably low weight for easy handling and flying.

### MAIN APPLICATIONS

- Large Concerts
- Rental
- Live Sound
- Performance venues
- Live Clubs

### MAIN FEATURES

- 4400 Watt, 3 way amplification
- 140 dB max SPL
- 8 x high power neodymium transducers
- 48 kHz, 32 bit DSP processing
- RDNet on board
- Remote monitoring and control
- Symmetrical design
- Extremely low weight

### ACOUSTICAL SPECIFICATIONS

Frequency response:	40 Hz ÷ 20000 Hz
Max SPL:	140 dB
Horizontal coverage angle:	90°
Vertical coverage angle:	10°
Compression driver:	2x1.4" neo, 3.0" v.c.
Midrange:	4x6" neo, 2.0" v.c.
Woofers:	2x12" neo, 3.0" v.c.

### INPUT/OUTPUT SECTION

Input signal:	Jack- XLR male
Input/Output connector:	XLR, RDNet
Input sensitivity:	+ 4 dBu

### PROCESSOR SECTION

Crossover frequencies:	200-800 Hz
Protections:	thermal, rms
Limiter:	soft limiter
Controls:	Cluster size, HF correction, RDNET

### AMPLIFIER

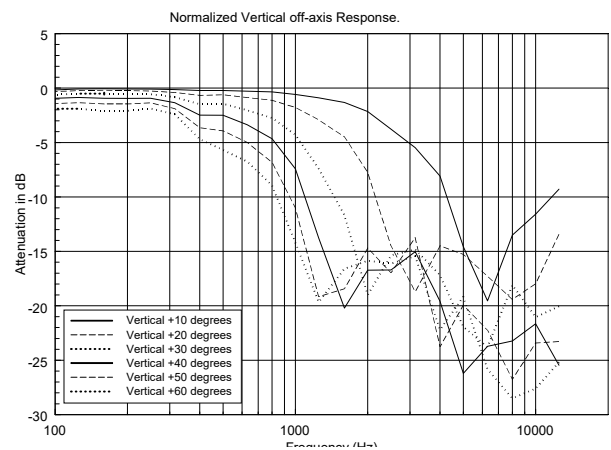
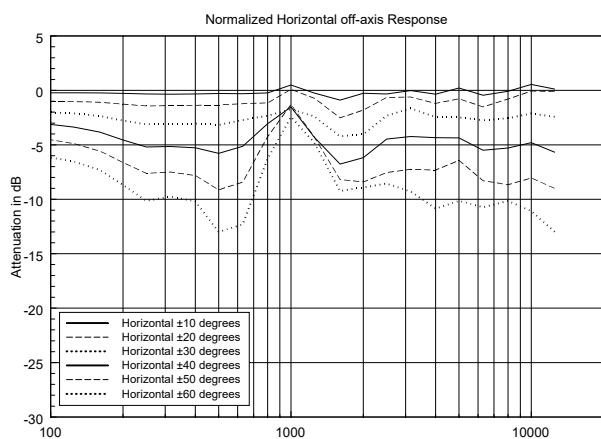
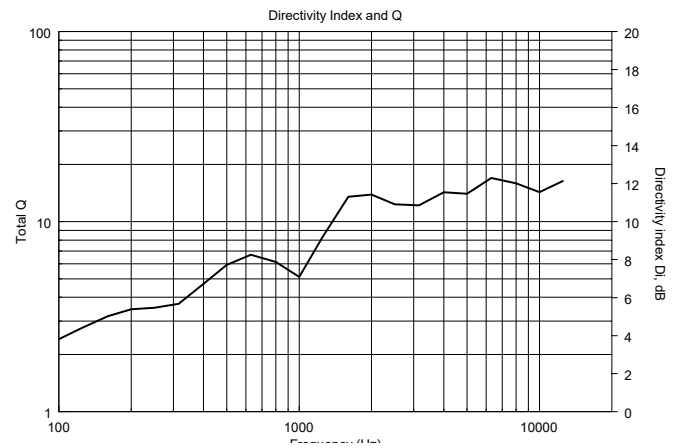
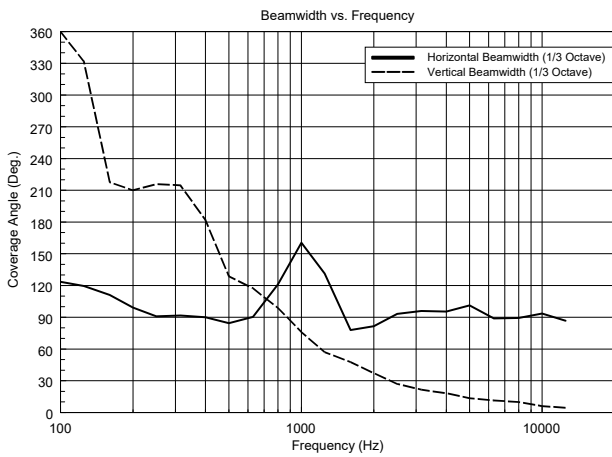
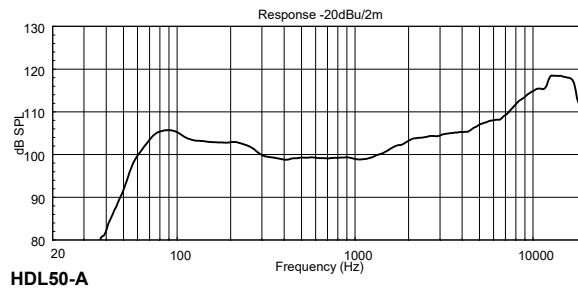
Total Power:	4400 W PEAK - 2200 W RMS
High frequencies:	1100 W PEAK - 550 W RMS
Mid frequencies:	1100 W PEAK - 550 W RMS
Low frequencies:	2200 W PEAK - 1100 W RMS
Cooling:	convection
Connection:	Powercon in-out

### PHYSICAL

Height:	366 mm (14.42")
Width:	1171 mm (46.1")
Depth:	502 mm (19.78")
Weight:	56 Kg (123.45 kg/lbs)
Cabinet:	Baltic Birch Plywood
Hardware:	Integrated mechanics
Handles:	2 side, 2 rear
Colour:	Black

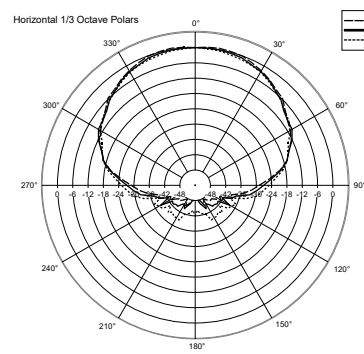
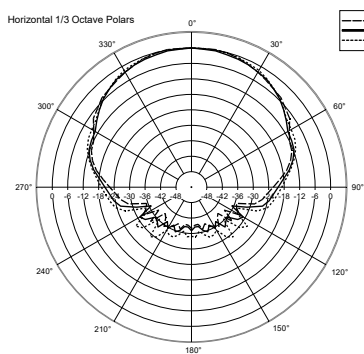
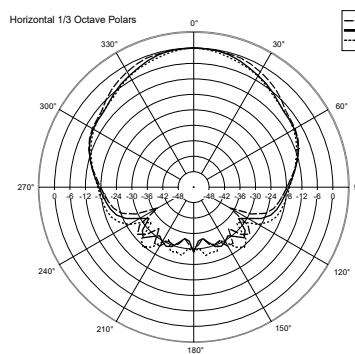
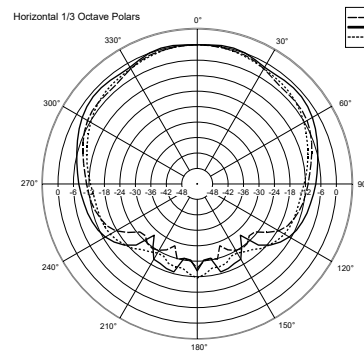
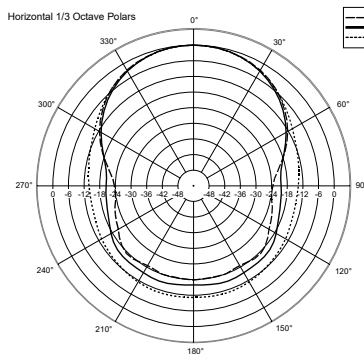
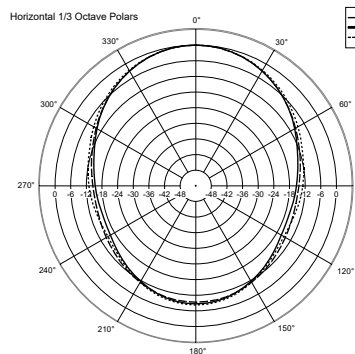


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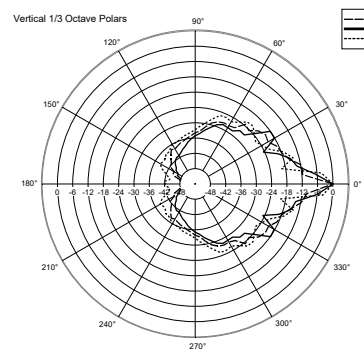
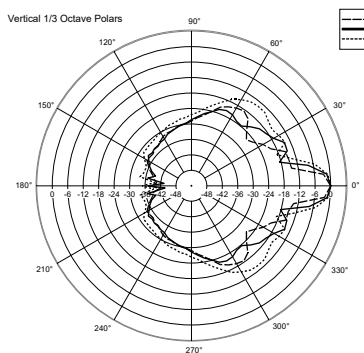
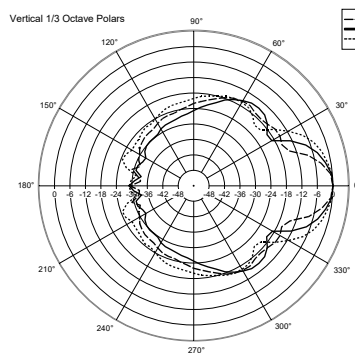
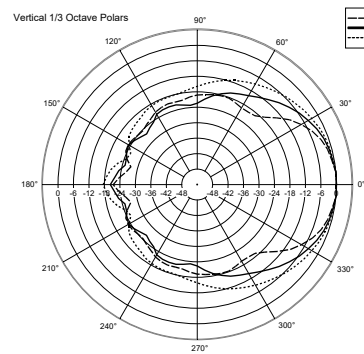
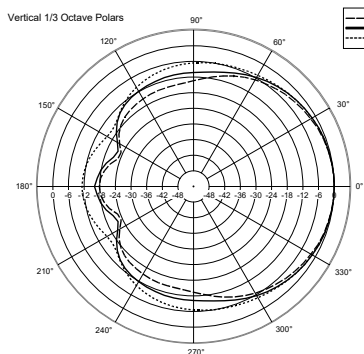
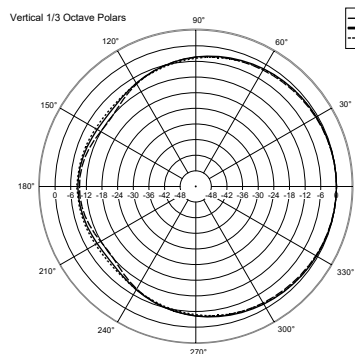


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## HORIZONTAL 1/3 POLAR PLOT



## VERTICAL 1/3 POLAR PLOT



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## PART NUMBER

13000477

## DIMENSIONS (All data are in mm)

