

# HL 20-WP

## WEATHERPROOF PASSIVE LINE ARRAY MODULE



## DESCRIPTION

The HL 20 WP is a compact, wide dispersion, 2 way passive line array module that offers the highest performance from a small size line array.

The incredible high output and dynamics, the extreme accuracy and high frequency extension plus the compact size makes the HL 20 WP the ideal tool for outdoor sound reinforcement, live performances and events as well as fixed installations in theatres, concert halls or auditoriums.

Connections to the amplifier are made through a watertight multi-pole connector. The grille is in custom perforated aluminum with open-cell fibers and water repellent woven fabric backing. The cabinet is constructed of multi-ply baltic birch plywood and finished in a fire resistant, textured coating.

## MAIN APPLICATIONS

- Outdoor sound reinforcement
- Touring sound reinforcement for mid-sized venues
- High quality reinforcement of music and speech
- Medium to large theatres and night clubs
- Stadiums, arenas, concert halls and other fixed venue installations
- Corporate A/V presentation

## MAIN FEATURES

- Very compact size
- Maximum output per size available on the market
- Wide, constant directivity, horizontal coverage angle
- Minimum weight
- Watertight multi-pole connector IP67
- Baltic birch cabinet

## ACOUSTICAL SPECS.

FREQ. RANGE (-10 dB):	55 Hz - 20 kHz
HORIZ. COVERAGE ANGLE (-6 dB):	100°
VERTICAL COVERAGE ANGLE (-6 dB):	15°
DIRECTIVITY FACTOR; Q:	16
SYSTEM SENSITIVITY:	102 dB 1W @ 1m <sup>(1)</sup>
RATED MAXIMUM SPL:	135 dB, @ 1m
SYSTEM NOMINAL IMPEDANCE:	16 Ohm, Biamp
SYSTEM INPUT POWER RATING RMS:	LF 600 W, HF 100 W
SYSTEM INPUT POWER RATING PEAK:	LF 2400 W, HF 400 W
RECOMMENDED AMPLIFIER:	LF 1200 W, HF 200 W
HF PROTECTION:	-
CROSSOVER:	Recommended 800 Hz

## TRANSDUCERS

LOW FREQUENCY:	2 x 10" woofer, 2.5" v.c.
NOMINAL IMPEDANCE:	16 Ohm
INPUT POWER RATING:	600 W AES
SENSITIVITY:	98 dB, 1W @ 1m
HIGH FREQUENCY:	1.5" throat, 3.0" v.c.
NOMINAL IMPEDANCE:	16 Ohm
INPUT POWER RATING:	110 W AES
SENSITIVITY:	109 dB, 1W @ 1m

## PHYSICAL

ENCLOSURE:	Trapezoidal, 21 mm birch plywood construction
RIGGING INSERTS:	6 x Side M10 rigging points
COLOR:	Weather and scratch and fire resistant white coating
GRILLE:	Custom perforated steel grill with open cell poly fiber and waterproof cloth backing
INPUT CONNECTORS:	Amphenol eco/mat IP 67
DIMENSIONS (H x W x D):	13,14" x 28,93" x 17,71" 334 x 735 x 450 mm
WEIGHT:	34 / 74.95 kg/lbs



# HL 20-WP

## PART NUMBER

13000473

1.0-F

## DIMENSIONS (All data are in mm)

