HL 2240

HORN LOADED TWO-WAY ARRAY 40° x 22.5°



Description

HL 2240 is a horn loaded two-way bi-amped array system that incorporates 2 x12” woofer and a titanium dome 4.0” voice coil titanium compression driver for mid distance and long throw applications. The system is very compact and provides very high output and accurate voice and sound reproduction. The system is equipped with the latest generation of RCF precision transducers. The system has a 40° x 22.5° constant directivity and is ideally used in point source configuration for mid distance applications or can be clustered with narrower angles for long throw applications. The loudspeaker enclosure shape is trapezoidal and offers a 22.5° coupling angle each side. Connections to the amplifier are made through a watertight Amphenol multi-pole connector. The grille is in custom perforated steel, epoxy coated, with open-cell fibres and water repellent woven fabric backing. The cabinet is constructed of Baltic birch marine plywood and finished in a very resistant, textured, polyurea black paint. HL 2240 is weatherproof with protection code IP 55.

Features

- 1500 W system power handling (RMS)
- 141 dB max SPL
- 40° x 22.5° constant directivity, horn-loaded
- IP 55 protection code
- 60 Hz ÷ 20000 Hz frequency range
- 2 x 12" high power woofers (3.5" v.c.)
- 1 x 4.0" v.c. neodymium compression driver
- Baltic Birch Plywood enclosure with internal structural metal bracings
- Safe and solid variable array mechanics
- Amphenol IP 67 in/out connectors

Part Number	13000404 HL 2240	8ohm	Black	EAN 8024530012557

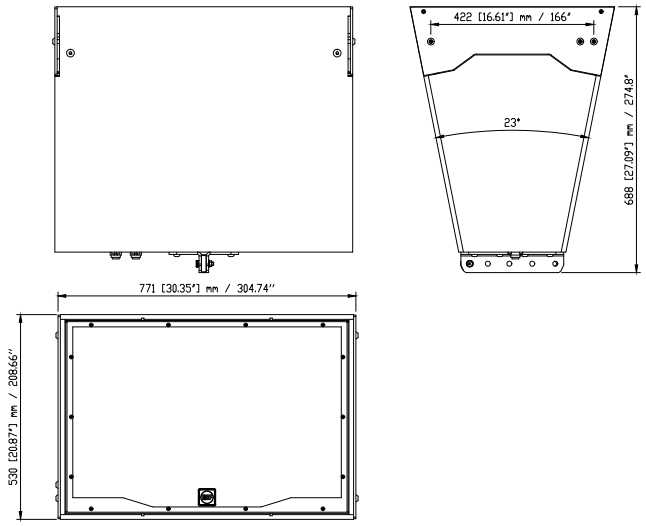
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Line Art 2D

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TECHNICAL SPECIFICATIONS

Acoustical specifications	Frequency Response (-10dB)	60 Hz - 20000 Hz
	Frequency Response (-3dB)	80 Hz - 20000 Hz
	Max SPL @ 1m	141 dB
	Horizontal coverage angle	40°
	Vertical coverage angle	22.5°
	Directivity index Q	13
Power section	Amplification	Bi-Amp
	Crossover Frequencies	600 Hz
	Nominal Impedance LF	8 ohm
	Power Handling LF	1350 W
	Peak Power Handling LF	5400 W
	Sensitivity LF	104 dB
	Nominal Impedance HF	8 ohm
	Power Handling HF	150 W
	Peak Power Handling HF	600 W
	Sensitivity HF	113 dB
	Recommended Amplifiers	XPS 16K, XPS 16KD, QPS 10K, QPS 6.0K, IPS 5.0K, IPS 2.5K
Transducers	Compression Driver	1 x 2.0'' neo, 4.0'' v.c
	Woofer	2 x 12'', 3.5'' v.c
Input/Output section	Input connectors	Amphenol eco/mat IP 67
	Output connectors	Amphenol eco/mat IP 67
Standard compliance	IP protection grade	IP 55
	Safety agency	CE compliant

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Physical specifications	Cabinet/Case Material	Baltic birch plywood
	Hardware	Side and rear array rigging point
	Grille	Steel
	Color	Black
Size / Weight	Height	530 mm / 20.87 inches
	Width	771 mm / 30.35 inches
	Depth	635 mm / 25 inches
	Weight	69 kg / 152.12 lbs

ACCESSORIES

Rigging / Mounting

FLY BARS

13360282	FL-B HL	Black	EAN 8024530011734