



# 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 x 12" 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

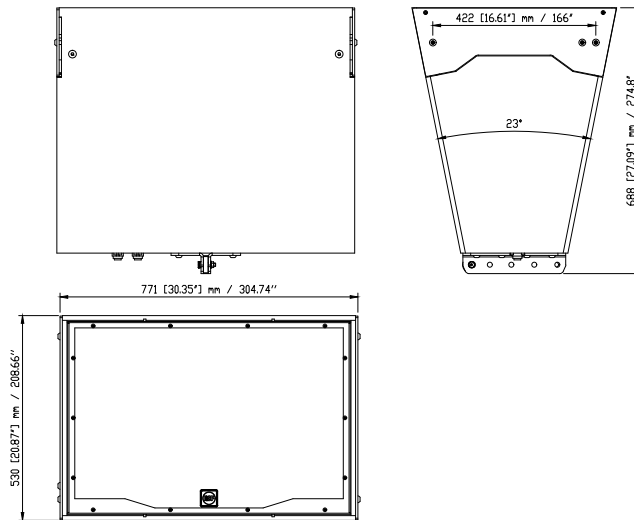
EAN 8024530012557



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## Line Art 2D



### 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

#### Physical specifications

Cabinet/Case Material	Baltic birch plywood
Hardware	Side and rear array rigging point
Grille	Steel
Color	Black



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Size	Height	530 mm / 20.87 inches	
	Width	771 mm / 30.35 inches	
	Depth	635 mm / 25 inches	
	Weight	69 kg / 152.12 lbs	
Rigging / Mounting	<b>ACCESSORIES</b>		
	<b>FLY BARS</b>		
	13360282	FL-B HL	Black
			EAN 8024530011734