



P 5228-L

WEATHERPROOF TWO-WAY SPEAKER



Description

The P 5228-L is a weatherproof full range, two-way speaker, suitable for a variety of professional applications. The speaker can be installed individually or coupled in array configurations. The high-frequency section includes two constant directivity CMD horns, each loaded with a 1" RCF Precision neodymium compression driver with a 1.75" diaphragm assembly for smooth, highly controlled 20° vertical coverage. The low-frequency section combines two 8" woofers with a 2.5" voice coil. The symmetrical arrangement of the transducers delivers a controlled horizontal dispersion with consistent directivity. Internal circuitry provides LICC crossover and Active Mosfet Compression Driver Protection (AMCDP). The single-piece roto-molded cabinet is fully UV protected and meets IP 55 standard requirements, equipped with M8 brass inserts (4x) and a corrosion-resistant 316P stainless steel U-bracket. Connections to the amplifier are made through a watertight multi-pole connector. The front aluminum grille is powder coated with water-repellent backing material and has a rotatable logo plate.

Features

- › 500 W RMS power handling
- › 131 dB max SPL
- › 80 Hz ÷ 20000 Hz frequency range
- › 2 x 8" neodymium woofer, 2.5" v.c.
- › 2 x 1.75" v.c. neodymium compression driver
- › 90° x 20° constant directivity
- › Weatherproof IP55 cabinet with UV protection
- › Aluminum grille
- › AISI 316L stainless steel bracket
- › Amphenol IP67 4 pole input connector

Part Number

13000202 P 5228-L

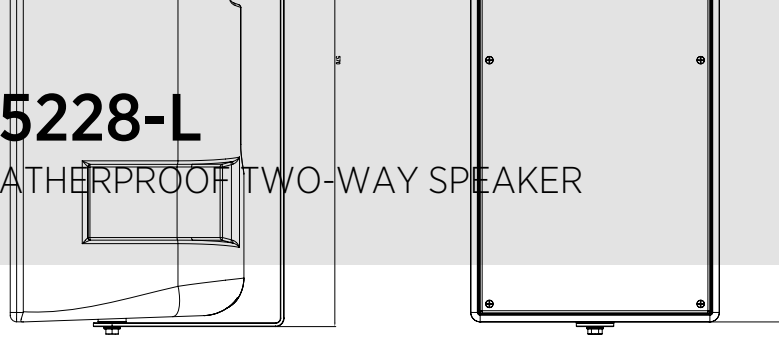
Grey

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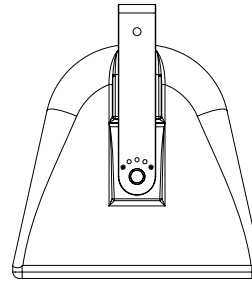


P 5228-L

WEATHERPROOF TWO-WAY SPEAKER



Line Art 2D



TECHNICAL SPECIFICATIONS

Acoustical specifications

Frequency Response (-10dB)	80 Hz ÷ 20000 Hz
Max SPL @ 1m	131 dB
Horizontal coverage angle	90°
Vertical coverage angle	20°
Directivity index Q	11
System Sensitivity	98 dB

Power section

Amplification	Full Range
Nominal Impedance	8 ohm
Power Handling	500 W
Peak Power Handling	2000 W PEAK
Protections	Dynamic active mosfet
Crossover Frequencies	1300 Hz

Transducers

Compression Driver	2 x 1.0" neo, 1.75" v.c
Woofer	2 x 8" neo, 2.5" v.c

Input/Output section

Input connectors	Amphenol eco/mat IP 67
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Standard compliance

IP protection grade	IP 55
Safety agency	CE compliant

Physical specifications

Cabinet/Case Material	PE Low Density
Hardware	4 x M8 inserts
Grille	Aluminum with waterproof clothing
Color	Grey

Size

Height	268 mm / 10.55 inches
Width	566 mm / 22.28 inches
Depth	250 mm / 9.84 inches
Weight	14 kg / 30.86 lbs

ACCESSORIES

Rigging / Mounting

C-BR 2X P28	13360119
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