

C 5212-99

TWO-WAY PASSIVE SPEAKER

DESCRIPTION

The C5212-99 is a full range extremely narrow dispersion two-way loudspeaker system for medium throw applications.

The high-frequency section is a constant directivity horn loaded to a 1.4" compression driver with a 2.5" diaphragm assembly for smooth, wide dispersion. The 90° x 90° horn design offers higher sensitivity for longer distance applications. The low-frequency transducer is a 12" woofer with a 3" voice coil. The crossover is easily bypassed for bi-amp via a recessed changeover switch.



FEATURES

- 90° x 90° CMD (Coverage Matching Design) constant directivity horn
- 1.4" compression driver with 2.5" diaphragm assembly
- 12" woofer with 3" voice coil
- Dual-function design: built in passive crossover or external bi-amp
- Rotatable Horn System for horizontal cabinet mounting applications
- HF driver AMCDP (Active Mosfet Compression Driver Protection)
- LICC (Low Impedance Compensated Crossover) network

TECHNICAL SPECIFICATIONS**Acoustical specifications**

Frequency Response (-10dB):	54 Hz ÷ 20000 Hz
Max SPL @ 1m:	132 dB
Horizontal coverage angle:	90°
Vertical coverage angle:	90°
Directivity index Q:	13
System Sensitivity:	99 dB

Power section

Nominal Impedance (ohm):	8 ohm
Power Handling:	500 W RMS
Peak Power Handling:	2000 W PEAK
Recommended Amplifier:	1000 W
Protections:	Dynamic active mosfet
Crossover Frequencies:	1200 Hz

Transducers

Compression Driver:	1.4", 2.5" v.c
Nominal Impedance (ohm):	8 ohm
Input Power Rating:	100 W AES, 200 W PEAK
Sensitivity:	111 dB, 1W @ 1m
Woofer:	12", 3.0" v.c
Nominal Impedance (ohm):	8 ohm
Input Power Rating:	400 W AES, 800 W PEAK
Sensitivity:	98 dB, 1W @ 1m

Input/Output section

Input connectors:	Speakon® NL4
Output connectors:	Speakon® NL4

Standard compliance

CE marking:	Yes
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Physical specifications

Cabinet/Case Material:	Baltic birch plywood
Hardware:	14 x M10, multiplates (top and bottom)
Pole mount/Cap:	Yes
Grille:	Steel with robust double mesh polyester clothing
Color:	Black

Size

Height:	630 mm / 24.8 inches
Width:	360 mm / 14.17 inches
Depth:	390 mm / 15.35 inches
Weight:	30 kg / 66.14 lbs

Shipping informations

Package Height:	714 mm / 28.11 inches
Package Width:	514 mm / 20.24 inches
Package Depth:	464 mm / 18.27 inches
Package Weight:	32.8 kg / 72.31 lbs

PART NUMBER

- **13000308**

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