

OMNIO5 Data Sheet

OMNIO5

*Omni Directional 2-way
Installation System*



The CODA OMNIO5 is a passive Omni directional 2-way 5"/1" coaxial loudspeaker system designed without compromise to provide coherent 360° wave front without hot spots in an ultra compact package.

The advanced waveguide design aligns the acoustical centres of the transducers to produce a true 360° uniform coverage with perfect time alignment between the components.

At the heart of the OMNIO5 is the newly developed 5"/1" coaxial driver. The 5" cone driver covers

the 80 – 1300 Hz range with high efficiency and smooth, linear response. Three aluminium shorting rings reduce inter-modulation distortion; minimise induction variation while reducing thermal compression.

The coaxially mounted high frequency driver contains an ultra light 1" annular diaphragm providing exceptional transient response with very high efficiency from 1 kHz to 20 kHz.

This new transducer was engineered to radiate a single source, coherent wave front for superior dispersion control and high fidelity sound.

The OMNIO5 is designed to work exclusively with dedicated CODA Audio amplifiers (C3 / C5) amplifiers as an integrated solution for DSP control, amplification, network remote control and diagnostic. The integrated solution ensures optimal performance and protection.

The aluminium enclosure is optimised for outdoor use and is painted using a two-part, paint/sealant process, first applying the colour application to the cabinet, followed by a clear, protective second coat sealant.

All RAL colours on request. The overall height of the cabinet can be modified to fit specific mounting requirements.

An optional 100 V / 70 V version on request.

OMNIO5 Features

- ⊕ Ultra compact 2-way Omni-directional system
- ⊕ 5" ultra low distortion driver with triple demodulation rings
- ⊕ Coaxially mounted 1" annular diaphragm superb quality HF driver
- ⊕ Single point of source providing true 360° horizontal dispersion
- ⊕ Super quality sound
- ⊕ Solid aluminium enclosure (all RAL colours)
- ⊕ Optimised for outdoor use

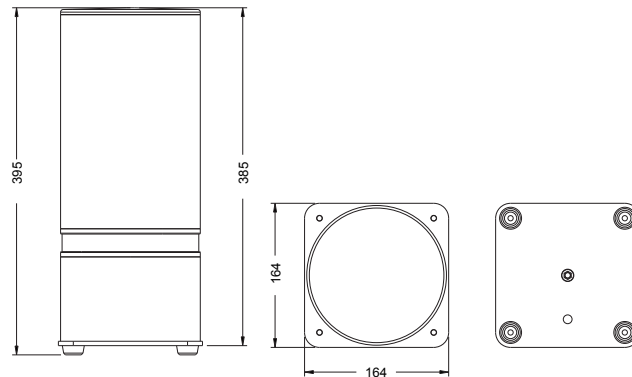


OMNIO5 Data Sheet



Product type:	2-way omnio directional system
Dimensions (WxHxD):	Diameter: 160 mm / 6.3"; 380 mm high (393 mm incl. feet) / 14.96" (15.47")
Dimensions Including Hardware (WxHxD):	N/A
Net weight:	8 kg / 17.64 lbs
Frequency response:	75 Hz – 21 kHz (-6 dB)
Power handling AES / peak (passive):	150 W
- Low AES / peak:	N/A
- Mid / High AES / peak:	N/A
Max. peak SPL (with LINUS10):*	118 dB
Dispersion horizontal:	360°
Dispersion vertical:	120° (60° in half space)
Components Low frequency:	5" woofer, 1.5" (38 mm) voice coil, 150 W (AES)
Components Mid/High frequency:	1" coaxially mounted driver, 1" (25.4 mm) voice coil, 30 W (AES)
Crossover point:	1140 Hz passive
Input connectors:	3 m sealed cable
Nominal impedance LF / MF+HF:	16 Ohm
Enclosure material:	Solid aluminium
Suspension:	N/A

*Measured with pink noise 6 dB crest factor. Half-space loading.



Other Related Products



LINUS5-C

4-Channel Loudspeaker
Management Amplifier

CODA AUDIO GmbH

Boulevard der EU 6, 30539 Hannover, Expo Park, Germany
E-Mail: contact@codaaudio.com Website: www.codaaudio.com

CODA
C O D A A U D I O

