RMS ACOUSTICS

Model **C5**

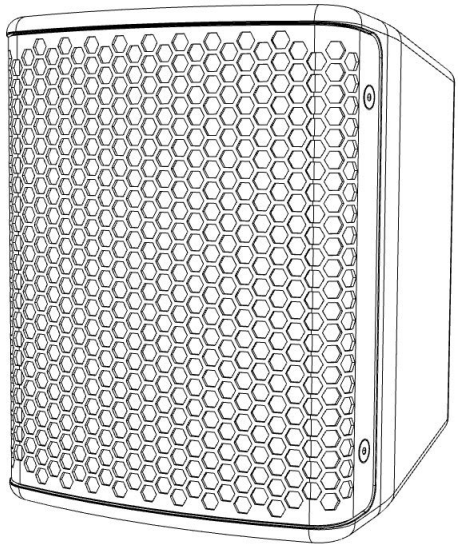
Full Range Loudspeaker
Single 5.5" Coaxial Point Source
2-way, Passive Design

Key Features:

- Compact, highly versatile enclosure
- High fidelity, Impressive output for size
- 90 degree conical directivity
- 2-way passive enclosure
- Compression Driver High Frequency
- LF extension with SB and M subwoofers

Applications:

- Light foreground sound reinforcement
- Restaurant sound systems
- Arrayed installations
- Nearfield monitoring
- Front fill
- Home Audio



The C5 is an ultra-compact, high performance, multipurpose loudspeaker designed for short throw applications. Part of the C Series from RMS-Acoustics, the C5 delivers exceptional output and wide bandwidth for its size, yielding highly capable sound reinforcement from a compact and versatile package. The C5 is ideal for integrating into retail or business environments, studios, or homes, and complementing larger systems in theaters, performance venues, or houses of worship.

Versatile mounting options, weatherization, and virtually any RAL color makes the C5 a no compromise, yet easy integration to a wide variety of applications. Supplemented with an SB series subwoofer from RMS-Acoustics, the C5 makes an ideal distributed background music system for restaurants, bars, museums, conference rooms, hotels, or hospitality venues, or even your home listening environment.

The C5 cabinet features an impact resistant, textured polyurethane paint finish. The loudspeaker system is available as weatherized (-X) or in white (-W) or custom colors (-C). The C5 delivers a standard enclosure protection rating of IP54 and the extreme weatherized option provides and IP55 rating.

The optimum processed amplification solution for the RMS-Acoustics C5 is the RMS-46K amplified controller. Linea Research 44M06 series and 44C06 series amplifiers, with propriety presets provided by RMS-Acoustics are also recommended.

System Specifications:

ACOUSTICAL/ ELECTRICAL:		
Frequency Range (-10dB) ^1	75 Hz - 22 kHz	Assumed 70 Hz High pass filter 0dB point taken at 1000 Hz, Processed
Frequency Response (+/-3dB)	95 Hz - 18 kHz	Assumed 100 Hz High pass filter 0dB taken at 1000 Hz, Processed
System Sensitivity (1w, 1m)^2	90dB	Measured on LF band, average SPL over 300 to 1 kHz region. HF Sensitivity significantly higher
Maximum SPL Continuous (1m)	115dB 112dB	105 Hz - 18 kHz 85 Hz - 20 kHz
Maximum SPL Peak (1m)	120dB 117dB	105 Hz - 18 kHz 85 Hz - 20 kHz
Long Term Power Rating (IEC)^3	FR	175W, 350W, 700W (Continuous, Program, Peak)
Long Term Power Rating (AES)^4	FR	175W (500W Peak), 2 hrs, 100W 100Hr
Nominal Coverage Pattern		90° Horizontal x 90° Vertical (Standard) -6dB Isophase
System Crossover		1300 Hz 12dB/ Octave , Proprietary RMS-Acoustics IIR Overlay, optional FIR
Nominal Impedance		8 ohm
PHYSICAL:		
Transducer		Full Range Coaxial Driver, 5.5" Neodymium Coaxial Cone Loudspeaker
Input Connectors		Dual Neutrik NL4 Connectors
Enclosure Materials		Composite Copolyester
Grille Materials		Aerospace Aluminum, Hexagonal pattern, Epoxy powder coat, Acoustically transparent black foam backing
Finishes		Black finish (Standard) Polurethane textured spray Additional Finishes available - See Options Below
Suspension and Mounting		Proprietary internal, captive rigging points
Rigging Hardware	C5B	Horizontal U Bracket specific to C5, ordered separately
	WM-S	RMS-ACOUSTICS wall mount small, ordered separately
Dimensions		6.3" w x 6.6" d x 8" h (160 mm x 168 mm x 204 mm)
Weight		Net 7 Lbs (3.18 kg) Shipping 9 Lbs (4.1kg)
IP Enclosure Rating		Standard 54, -X1 Weatherize 54, -X2 Weatherize 55
Finish Options		-X1 (Weatherized), -X2 (Weatherized), -W (White), -C (RAL Custom Color) Upcharge applies
Optional Accessories	STAND1	Loudspeaker stand adapter 35mm
	EYEBOLT ¼-20	1/4-20 Eye Bolt Suspion Eye
	C5B	U Bracket for C5
Free field, semi anechoic conditions. To compare with half space measurements, add 6dB to maximum output specifications.		
1. Full Space, 4pi conditions		
2. Measured Maximum SPL, based on power compression observation of 3dB		
3. IEC Shaped pink noise with 6dB Crest Factor		
4. AES Standard AES2-2012, one decade pink noise with 6dB Crest factor within device's applicable operating band, free air. Standard AES 2 hr rating are specific for low frequency transducers.		

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