

Forum FC108

full-range coaxial point-source loudspeaker

Product Overview

Forum FC108 is an 8-inch full-range coaxial point-source loudspeaker that delivers exceptional output and vocal intelligibility in a compact, install-friendly form factor. With a frequency range of 53 Hz–20 kHz and 122 dB max peak SPL, Forum FC108 provides clear, impactful sound for small-to-mid installations. The design features a high-excursion coaxial driver and Beamwidth Matching Waveguide technology for consistent 110° × 60° coverage, ensuring even audio distribution across the space. The fully tuned passive crossover means no additional processing is required—just plug in and get excellent performance with any full-range signal. Designed for easy installation, Forum FC108 offers surprisingly high output from a compact enclosure, making it well-suited for a variety of installations—right out of the box.



Key Features

Fully tuned passive crossovers for excellent performance right out of the box

High-excursion coaxial drivers deliver up to 122 dB max peak SPL

Beamwidth Matching Waveguide technology for consistent 110° × 60° coverage

Compact, rotatable cabinets with square grilles for flexible installation

Robust cabinet construction for long-lasting durability

Factory-optimized loudspeaker presets when combined with Bose Professional amplifiers and processors

IP43-rated for indoor and protected outdoor environments

Mounting options include U-bracket, surface-mount pan-and-tilt bracket, suspension rail, and optional eyebolt suspension

Applications

Retail / restaurants

Houses of worship

Performing arts

Education

Corporate

Hospitality

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Technical Specifications

SINGLE-LOUDSPEAKER PERFORMANCE		
Frequency Response (–3 dB) ¹	75 Hz – 17,000 Hz	
Frequency Range (–10 dB) ¹	53 Hz – 20,000 Hz	
Nominal Coverage Pattern	110° horizontal × 60° vertical	
AUDIO PERFORMANCE ²	Passive	Bi-amp
Power Handling, Long-term Continuous ³	150 W	150 W (LF) + 20 W (HF)
Power Handling, Peak ⁴	1200 W	1200 W (LF) + 320 W (HF)
Sensitivity (SPL / 1 W @ 1 m) ⁵	94 dB	94 dB
Calculated Maximum SPL @ 1 m, Continuous ⁶	115 dB	116 dB
Calculated Maximum SPL @ 1 m, Peak	121 dB	122 dB
Crossover	Internal passive or external bi-amp. Use Bose Professional presets for optimal performance when bi-amplified.	
Loudspeaker EQ	Bose Professional presets available	
TRANSDUCERS		
Low Frequency	1 × 8.0 in (203 mm) woofer	
High Frequency	1 × compression driver, 1.7 in (44 mm) voice coil	
Nominal Impedance	8 Ω, passive / 8 Ω (LF) + 8 Ω (HF), bi-amp	
PHYSICAL		
Enclosure Material	Baltic birch plywood	
Finish	2-part spray polyurethane coating, black	
Grille	Perforated steel, powder-coated finish, black	
Logo	Rotatable	
Environmental ⁶	IP43, protected-outdoor usage	
Connectors	(1) Neutrik® speakON® NL4, (1) barrier strip	
Suspension / Mounting	M10 threaded inserts	
Product Dimensions (length × width × depth)	318 mm × 318 mm × 279 mm (12.5 in × 12.5 in × 11.0 in)	
Net Weight, Single Loudspeaker	12.7 kg (28.1 lb)	
Shipping Weight	14.7 kg (32.3 lb)	
Package Contents	(1) Forum FC108, (1) installation guide	
Optional Accessories	Forum FC108 U-bracket, AMM suspension bracket, surface-mount pan-and-tilt bracket, AMUPOLEAT external pole adapter	

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PRODUCT CODES	
Forum FC108 loudspeaker	A00205-0100 FC108 MULTIPURPOSE LDSPKR
Forum FC108 U-bracket	A00508-0100 FC108,U-BRACKET,BLACK
AMM suspension bracket	843344-0010 AMM SUSPENSION BRACKET
AMUPOLEAT external pole adapter	893630-0100 KIT,AMU POLE CUP,BLK
Surface-mount pan and tilt bracket, black	889687-0100 PAN & TILT BRACKET,BLK
Surface-mount pan and tilt bracket, white	889687-0200 PAN & TILT BRACKET,WHT

Footnotes

1. Frequency response and range measured on-axis in anechoic environment with recommended loudspeaker processing. Frequency response graphs display SPL axis with 0 dB line referenced to sensitivity SPL value.

2. AES transducer test and Bose Professional extended-lifecycle test, passive and bi-amplified.

3. Bose Professional extended-lifecycle test using pink noise filtered to meet IEC 268-5, 6-dB crest factor, 500-hour duration.

4. Bose Professional peak power test using 6-dB crest factor pink noise, 96-hour duration with recommended loudspeaker processing.

5. Sensitivity measured in anechoic environment with recommended loudspeaker processing.

6. Maximum SPL calculated using sensitivity and power ratings, exclusive of power compression.