

Forum FC112

full-range coaxial point-source loudspeaker

Product Overview

Forum FC112 is a 12-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 48 Hz–20 kHz and 132 dB max peak SPL, Forum FC112 provides clear, impactful sound for mid-to-large 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 FC112 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 132 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, suspension rail, and optional eyebolt suspension

Applications

Retail / restaurants

Houses of worship

Performing arts

Education

Corporate

Hospitality

Forum FC112

full-range coaxial point-source loudspeaker

Technical Specifications

SINGLE-LOUDSPEAKER PERFORMANCE		
Frequency Response (–3 dB) ¹	60 Hz – 18,000 Hz	
Frequency Range (–10 dB) ¹	48 Hz – 20,000 Hz	
Nominal Coverage Pattern	110° horizontal × 60° vertical	
AUDIO PERFORMANCE ²	Passive	Bi-amp
Power Handling, Long-term Continuous ³	300 W	300 W (LF) + 45 W (HF)
Power Handling, Peak ⁴	2400 W	2400 W (LF) + 720 W (HF)
Sensitivity (SPL / 1 W @ 1 m) ⁵	96 dB	96 dB
Calculated Maximum SPL @ 1 m, Continuous ⁶	125 dB	126 dB
Calculated Maximum SPL @ 1 m, Peak	131 dB	132 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 × 12.0 in (305 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)	457 mm × 457 mm × 357 mm (18.0 in × 18.0 in × 14.1 in)	
Net Weight, Single Loudspeaker	20.1 kg (44.3 lb)	
Shipping Weight	23.4 kg (51.6 lb)	
Package Contents	(1) Forum FC112, (1) installation guide	
Optional Accessories	Forum FC112 U-bracket, AMM suspension bracket, AMUPOLEAT external pole adapter	

Forum FC112

full-range coaxial point-source loudspeaker

PRODUCT CODES	
Forum FC112 loudspeaker	A00204-0100 FC112 MULTIPURPOSE LDSPKR
Forum FC112 U-bracket	A00509-0100 FC112,U-BRACKET,BLACK
AMM suspension bracket	843344-0010 AMM SUSPENSION BRACKET
AMUPOLEAT external pole adapter	893630-0100 KIT,AMU POLE CUP,BLK

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.