

# 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 fidelity and output 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

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## Technical Specifications

SINGLE-LOUDSPEAKER PERFORMANCE		
Frequency Response (-3 dB) <sup>1</sup>	60 Hz – 18,000 Hz	
Frequency Range (-10 dB) <sup>1</sup>	48 Hz – 20,000 Hz	
Nominal Coverage Pattern	110° horizontal × 60° vertical	
AUDIO PERFORMANCE <sup>2</sup>	Passive	Bi-amp
Power Handling, Long-term Continuous <sup>3</sup>	300 W	300 W (LF) + 45 W (HF)
Power Handling, Peak <sup>4</sup>	2400 W	2400 W (LF) + 720 W (HF)
Sensitivity (SPL / 1 W @ 1 m)	96 dB	96 dB
Calculated Maximum SPL @ 1 m, Continuous <sup>5</sup>	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 × 3.0 in (76 mm) compression driver	
Nominal Impedance	8 Ω, passive / 8 Ω (LF) + 8 Ω (HF), bi-amp	
PHYSICAL		
Enclosure Material	Birch plywood	
Finish	2-part spray polyurethane coating, black	
Grille	Perforated steel, powder-coated finish, black	
Logo	Rotatable	
Environmental <sup>6</sup>	IP43, protected-outdoor usage	
Connectors	(1) Neutrik® speakON® NL4, (1) barrier strip	
Suspension / Mounting	(6) M10 threaded inserts (2 on top, 2 on bottom, 1 per side) (4) M6 threaded inserts (1 on top, 1 on bottom, 1 per side) (3) M8 threaded inserts (bottom, for external pole adapter)	
Product Dimensions (height × 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	

For additional specifications and application information, visit [BoseProfessional.com](http://BoseProfessional.com). Specifications are subject to change. 06/2025

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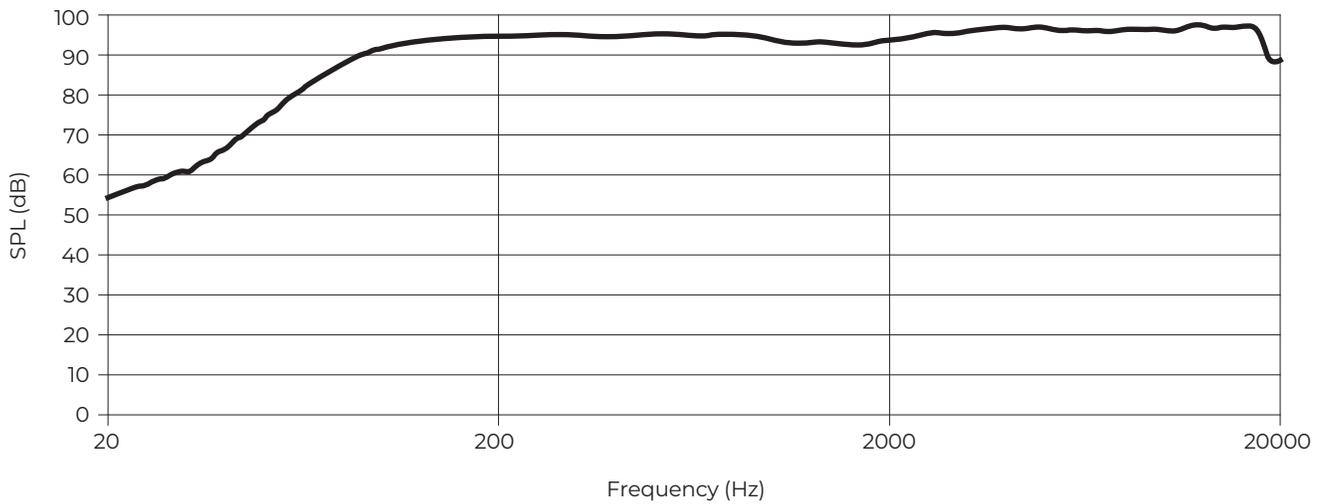
full-range coaxial point-source loudspeaker

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

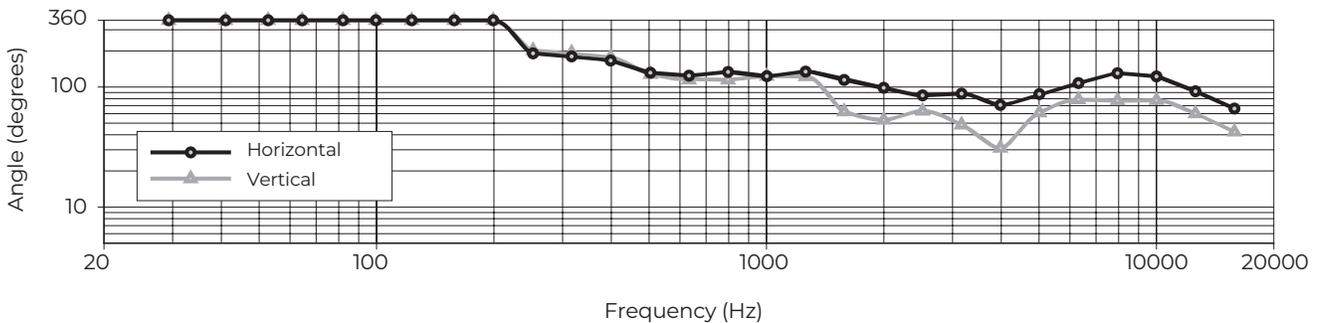
**Footnotes**

1. Frequency response and range measured in passive mode using Klippel Near Field Scanner (NFS) system.
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. Maximum SPL calculated using sensitivity and power ratings, exclusive of power compression.

## Frequency Response <sup>1</sup>



## Beamwidth

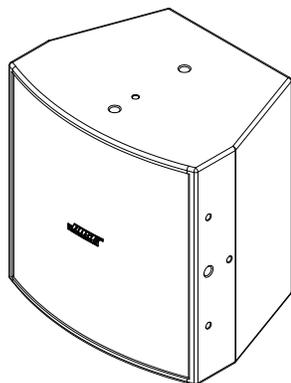


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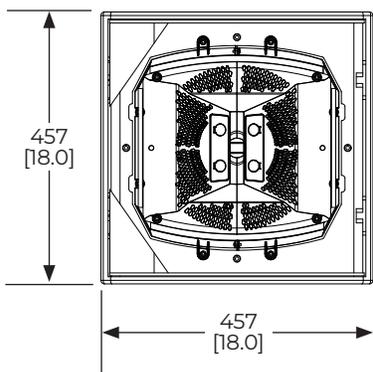
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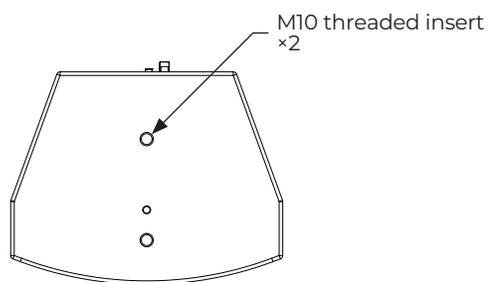
## Dimensions <sup>6</sup>



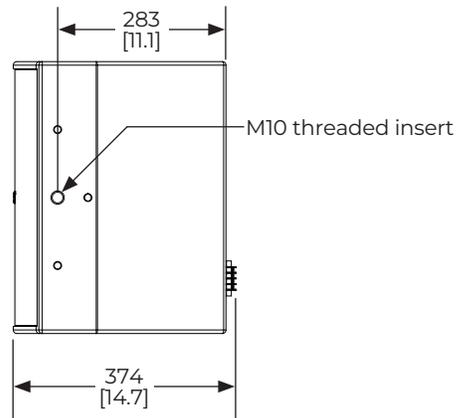
**Front View**  
(without grille)



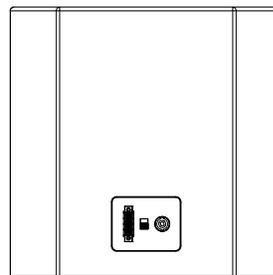
**Top View**



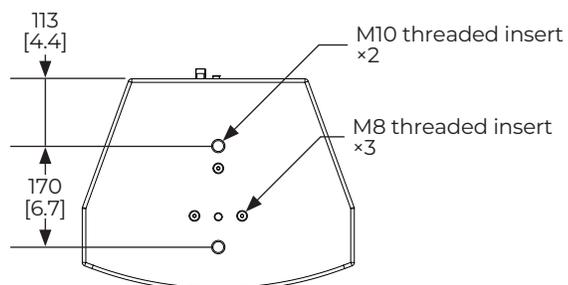
**Right View <sup>7</sup>**



**Rear View**



**Bottom View**



6. Dimensions are shown in millimeters over inches.

7. Dimensions also apply to opposite side.

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