



Contents [[hide](#)]

- [1 BOSE FC108 Full Range Coaxial Point Source Loudspeaker](#)
- [2 Product Overview](#)
- [3 Key Features](#)
- [4 Technical Specifications](#)
- [5 Frequency Response](#)
- [6 Beamwidth](#)
- [7 Dimensions](#)
- [8 FAQs](#)
- [9 Documents / Resources](#)
 - [9.1 References](#)



BOSE FC108 Full Range Coaxial Point Source Loudspeaker



Product Overview

Forum FC108 is an 8-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 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 $110^{\circ} \times 60^{\circ}$ 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 $110^{\circ} \times 60^{\circ}$ coverage
- Compact, rotatable cabinets with square grilles for flexible installation Robust cabinet construction for long-lasting durability
- Factory-optimised 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

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

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)	94 dB	94 dB
Calculated Maximum SPL @ 1 m, Continuous 5	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 × 1.7 in (43 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 6	IP43, protected-outdoor usage
Connectors	(1) Neutrik® speakON® NL4, (1) barrier strip
Suspension / Mounting	<p>(6) M10 threaded inserts (2 on top, 2 on bottom, 1 per side)</p> <p>(4) M8 threaded inserts (rear panel, for surface-mount pan-and-tilt bracket)</p> <p>(4) M6 threaded inserts (1 on top, 1 on bottom, 1 per side)</p> <p>(3) M8 threaded inserts (bottom, for external pole adapter)</p>
Product Dimensions (height × 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

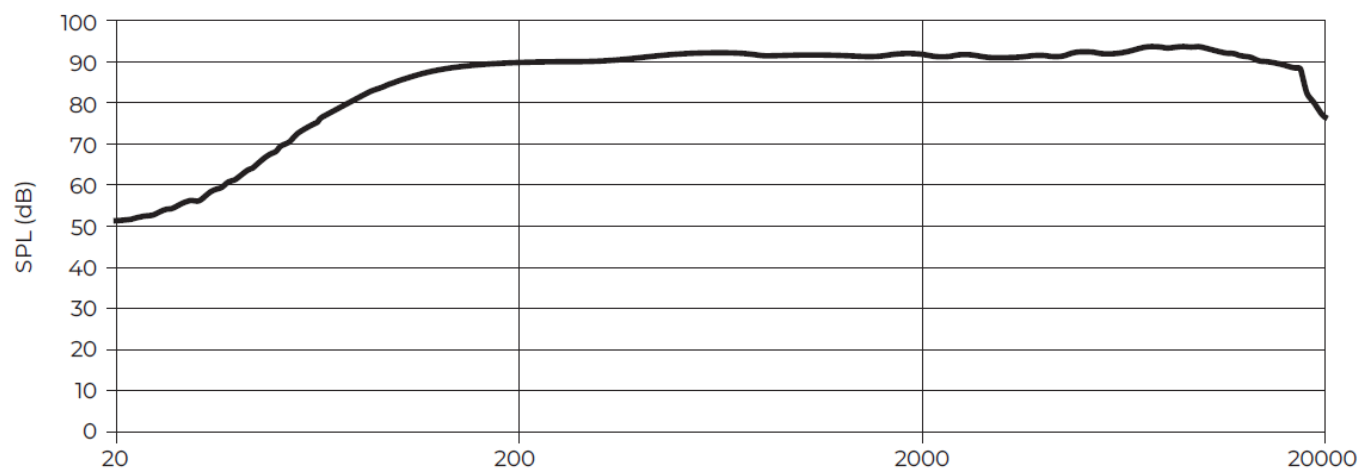
Optional Accessories	Forum FC108 U-bracket, AMM suspension bracket, surface-mount pan- and-tilt bracket, AMUPOLEAT external pole adapter
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PRODUCT CODES	
Forum FC108 loudspeaker	A00205-0100 FC108 MULTIPURPOSE LDSPKR
Forum FC108 U-bracket	A00508-0100 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

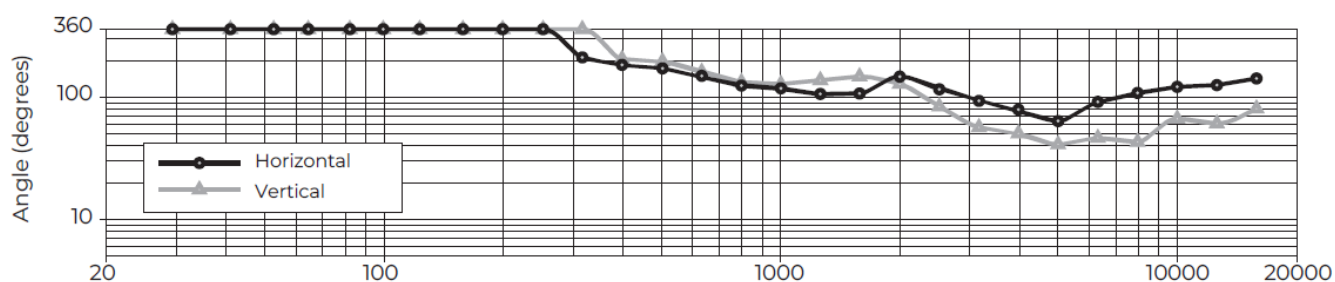
1. Frequency response and range measured in passive mode using Klippel Near Field Scanner (NFS) system.
2. AES transducer test and Bose Professional extended-lifecycle test, passive and bi-amplified.
3. Bose Professional extended-lifecycle test using pink noise filtered to meet IEC 268-5, 6-dB crest 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



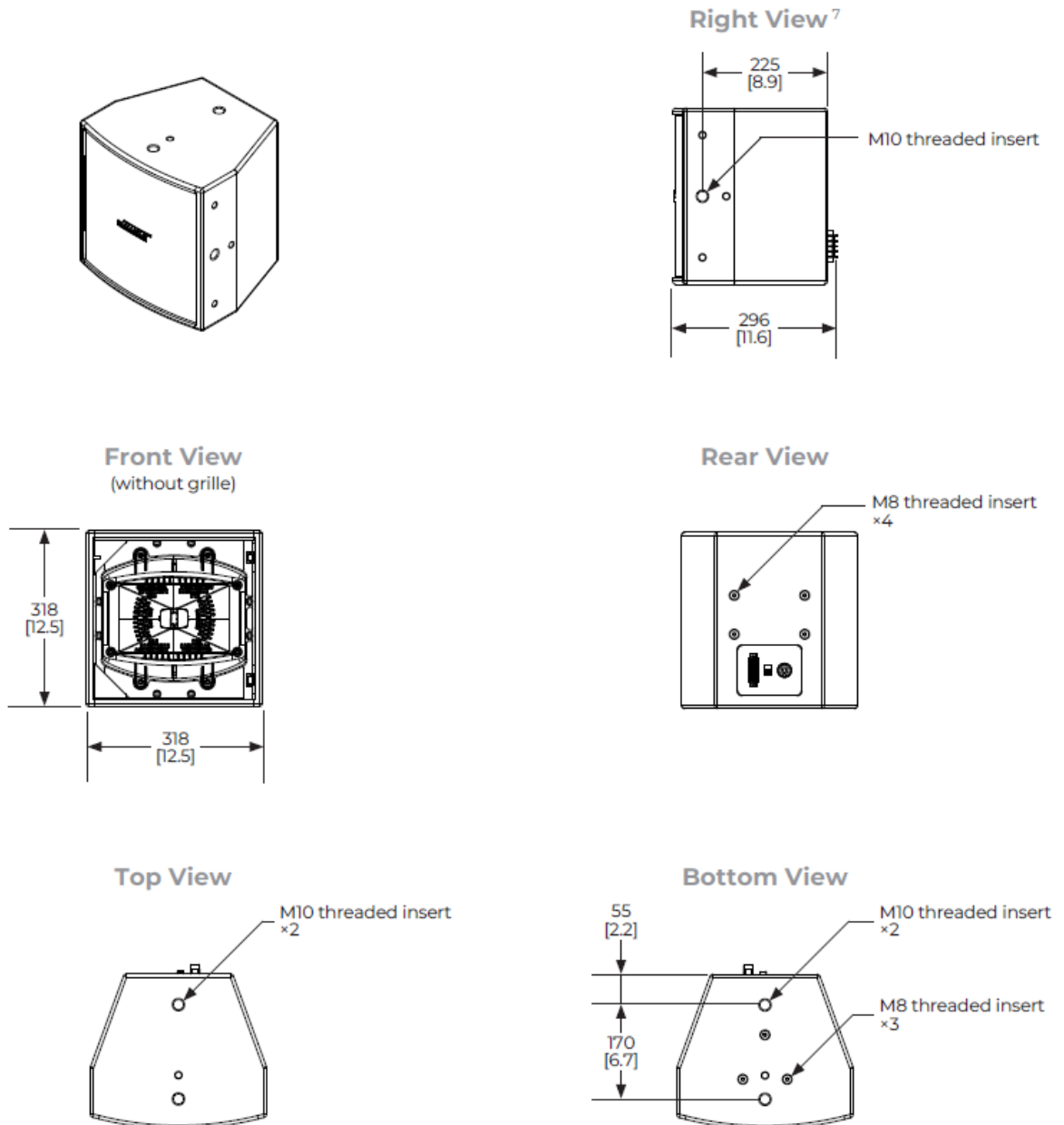
Beamwidth

Beamwidth



Dimensions

Dimensions ⁶



- Dimensions are shown in millimeters over inches.
- Dimensions also apply to opposite side.

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For additional specifications and application information, visit BoseProfessional.com.

Specifications are subject to change. 06/2025

FAQS


Q: Can the Forum FC108 loudspeaker be used outdoors?

- A: Yes, the loudspeaker is IP43-rated for protected outdoor environments.

Q: What is the power handling capacity of the Forum FC108?

- **A:** The loudspeaker has a power handling capacity of 150W long-term continuous and 1200W peak.

Documents / Resources

	<p>BOSE FC108 Full Range Coaxial Point Source Loudspeaker [pdf] Owner's Manual</p> <p>FC108, FC108 Full Range Coaxial Point Source Loudspeaker, FC108, Full Range Coaxial Point Source Loudspeaker, Range Coaxial Point Source Loudspeaker, Coaxial Point Source Loudspeaker, Point Source Loudspeaker, Source Loudspeaker</p>
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References

- [User Manual](#)

- Bose
- ◆ Bose, Coaxial Point Source Loudspeaker, FC108, FC108 Full Range Coaxial Point Source Loudspeaker, Full Range Coaxial Point Source Loudspeaker, Point Source Loudspeaker, Range Coaxial Point Source Loudspeaker, Source Loudspeaker

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