

# 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 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° × 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) <sup>1</sup>               | 75 Hz – 17,000 Hz                                                                                                                                                                                                                                                          |                          |
| Frequency Range (-10 dB) <sup>1</sup>                 | 53 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>     | 150 W                                                                                                                                                                                                                                                                      | 150 W (LF) + 20 W (HF)   |
| Power Handling, Peak <sup>4</sup>                     | 1200 W                                                                                                                                                                                                                                                                     | 1200 W (LF) + 320 W (HF) |
| Sensitivity (SPL / 1 W @ 1 m)                         | 94 dB                                                                                                                                                                                                                                                                      | 94 dB                    |
| Calculated Maximum SPL @ 1 m, Continuous <sup>5</sup> | 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 <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)<br>(4) M8 threaded inserts (rear panel, for surface-mount pan-and-tilt bracket)<br>(4) M6 threaded inserts (1 on top, 1 on bottom, 1 per side)<br>(3) M8 threaded inserts (bottom, for external pole adapter) |                          |
| 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.

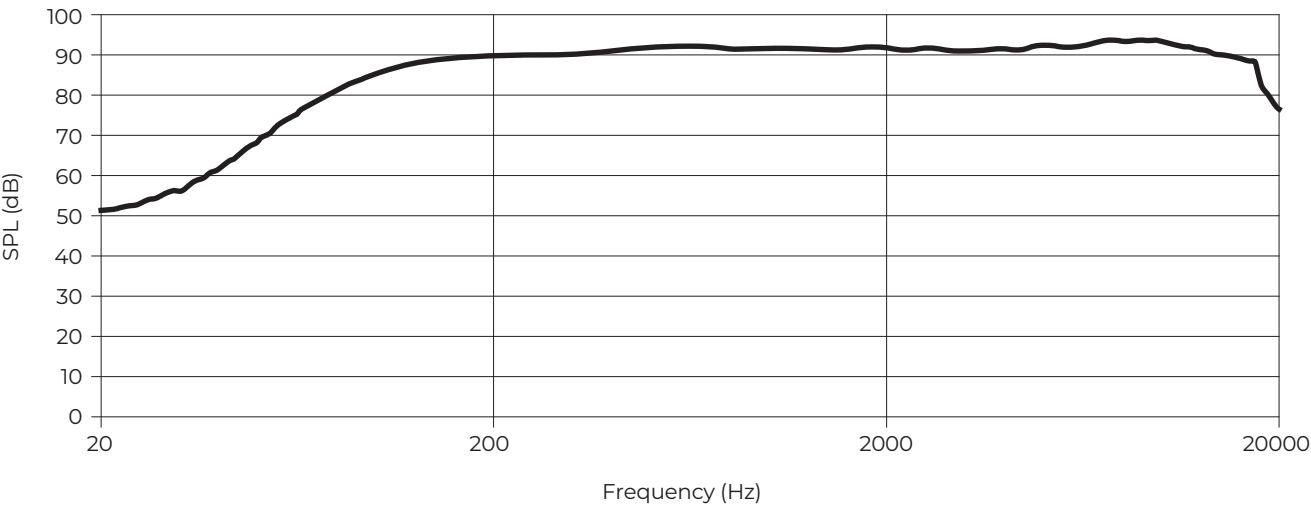
2. AES transducer test and Bose Professional extended-lifecycle test, passive and bi-amplified.

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

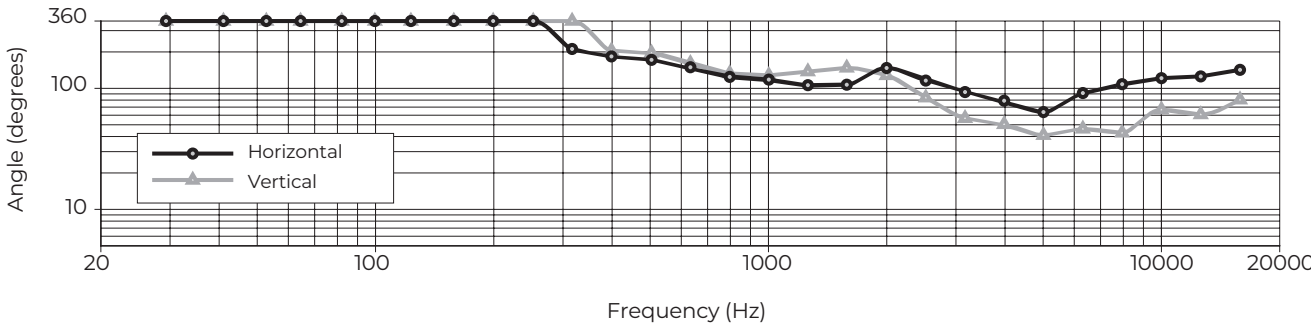
4. Bose Professional peak power test using 6-dB crest factor pink noise, 96-hour duration with recommended loudspeaker processing.

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

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



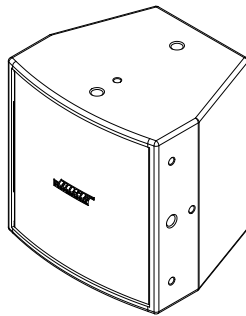
## Beamwidth



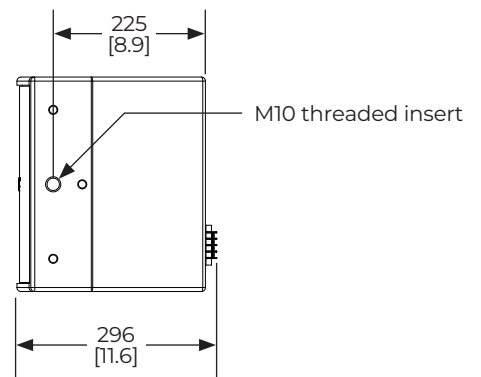
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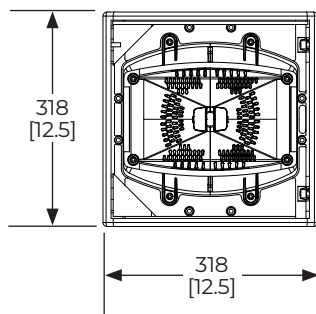
## Dimensions <sup>6</sup>



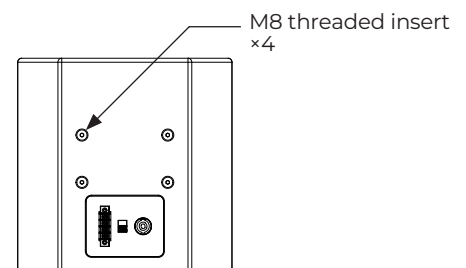
**Right View** <sup>7</sup>



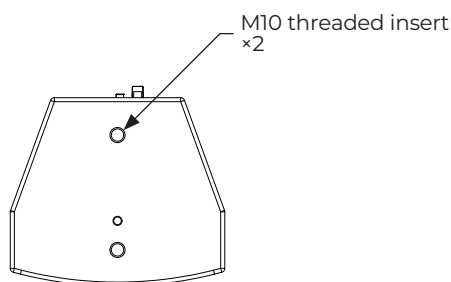
**Front View**  
(without grille)



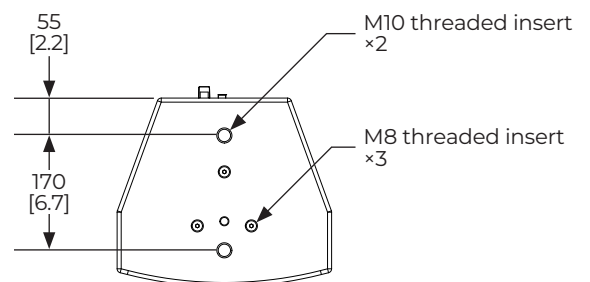
**Rear View**



**Top View**



**Bottom View**



6. Dimensions are shown in millimeters over inches.

7. Dimensions also apply to opposite side.

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