

# AMS115

## multipurpose subwoofer

### Product Overview

The AMS115 multipurpose subwoofer features a 15-inch neodymium transducer and offers low frequency down to 35 Hz. With a lightweight enclosure, ergonomic handles, M20 threaded pole mount, and 12 M10 suspension points, this passive subwoofer is ideal for a variety of applications in portable setups or permanent installations — especially when paired with Bose AMM multipurpose loudspeakers. For example, combine an AMM112 with the AMS115 subwoofer for fill applications. Or, for front-of-house applications, combine an AMM108 and AMS115 sub to give audiences an impactful, full-spectrum audio experience.



### Key Features

**Compact high-output design** with a lightweight, 15-inch neodymium transducer, low frequency down to 35 Hz, and 130 dB peak output

**Direct-radiating bass reflex-tuned enclosure** with large, ergonomic handles and caster mounting points

**Pair with Bose PowerMatch amps and ControlSpace DSP** for best performance and loudspeaker protection

**Deploy easily in permanent installations** with 28 kg (63 lb) design featuring 12 M10 threaded inserts for suspension

**Set up quickly for portable applications** with the integrated M20 threaded pole mount

**Create a full-spectrum front-of-house experience** when combined with an AMM108

**Enhance stage fill applications** by combining with an AMM112

### Technical Specifications

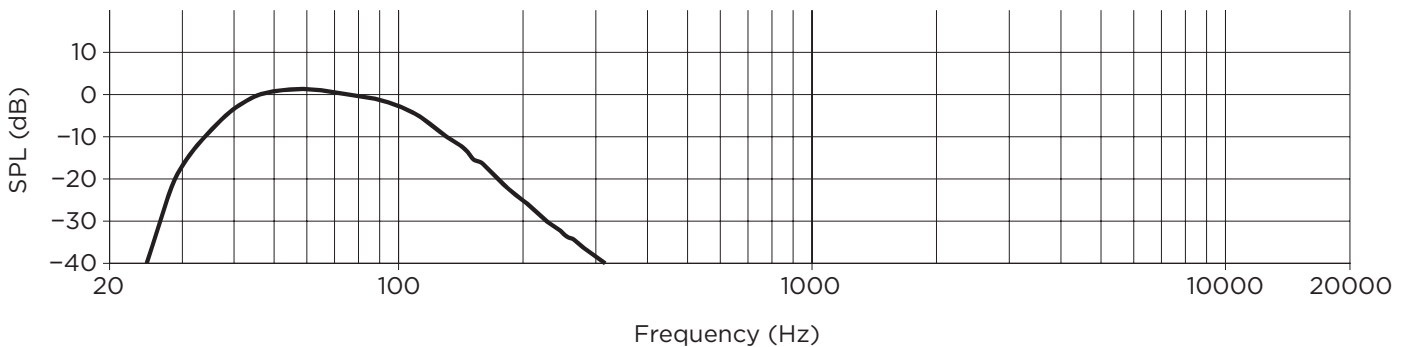
| SINGLE-LOUDSPEAKER PERFORMANCE                    |  |
|---|--|
| Frequency Response (-3 dB) <sup>1</sup>           | 40 - 100 Hz  |
| Frequency Range (-10 dB)                          | 35 - 130 Hz  |
| Nominal Coverage Pattern                          | Omnidirectional                                      |
| Recommended Crossover                             | Use Bose-recommended presets for optimal performance |
| Power Handling, Long-term Continuous <sup>2</sup> | 500 W  |
| Power Handling, Peak <sup>3</sup>                 | 2800 W   |
| Sensitivity (SPL/1 W @ 1 m) <sup>4</sup>          | 90 dB (free-field)<br>96 dB (half-space)             |
| Calculated Maximum SPL @ 1 m <sup>5</sup>         | 117 dB (free-field)<br>123 dB (half-space)           |
| Calculated Peak SPL @ 1 m                         | 124 dB (free-field)<br>130 dB (half-space)           |
| TRANSDUCERS                                       |  |
| Low Frequency                                     | 15-in (381 mm) high-excursion woofer                 |
| Nominal Impedance                                 | 8 Ω  |

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| PHYSICAL                            |   |
|-------------------------------------|---|
| Enclosure Material                  | Baltic birch plywood  |
| Finish                              | 2-part spray polyurethane coating, black  |
| Grille                              | Perforated steel, powder-coated finish, black   |
| Environmental                       | N/A   |
| Connectors                          | 2 × Neutrik® NL4 inputs with wired-parallel through   |
| Suspension/Mounting/Transport       | 1 × M20 threaded pole mount<br>12 × M10 threaded inserts (for accessory attachment or mounting)<br>16 × M8 caster attachment points |
| Dimensions (Width × Height × Depth) | 470 mm × 470 mm × 508 mm (18.5 in × 18.5 in × 20.0 in)  |
| Net Weight                          | 28.39 kg (62.60 lb)   |
| Shipping Weight                     | 33.27 kg (73.35 lb)   |
| PRODUCT CODES                       |   |
| AMS115 Subwoofer                    | 843163-0110 (AMS115 COMPACT SUBWOOFER)  |

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



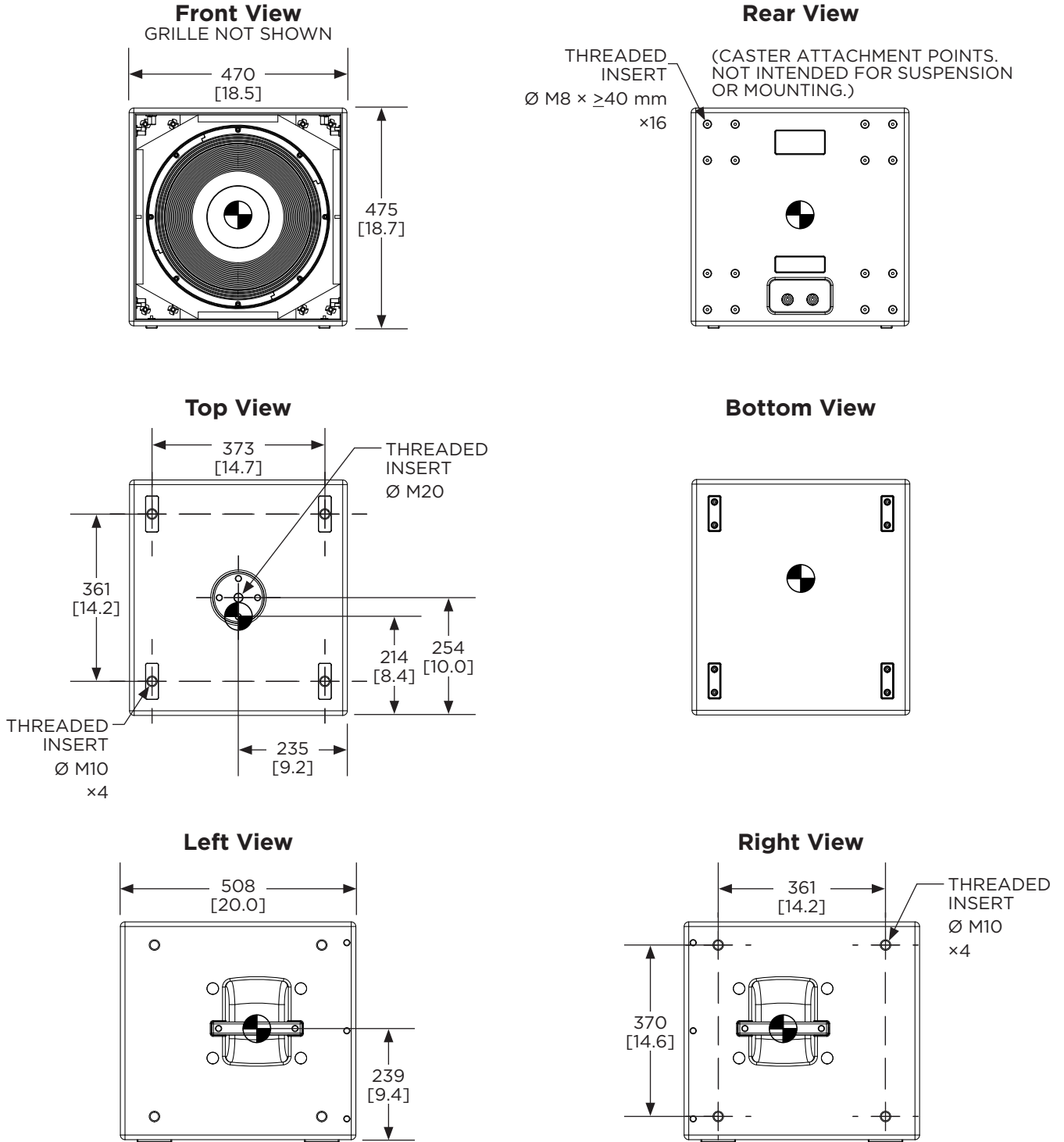
(1) Frequency response and range measured on-axis in anechoic environment with recommended loudspeaker processing. Frequency response graphs display SPL axis with 0 dB line referenced to sensitivity SPL value.  
 (2) Bose extended-lifecycle test using pink noise filtered to meet IEC268-5, 6-dB crest factor, 500-hour duration.  
 (3) Bose peak power test using 12-dB crest factor pink noise, 96-hour duration with recommended loudspeaker processing.  
 (4) Sensitivity measured in anechoic environment with recommended loudspeaker processing.  
 (5) Maximum SPL calculated using sensitivity and power ratings, exclusive of power compression.

For additional specifications and application information, please visit [PRO.BOSE.COM](http://PRO.BOSE.COM). Specifications subject to change without notice. 4/2021


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## Dimensions



**NOTES:**

1. DIMENSIONS ARE IN MILLIMETERS OVER INCHES.
2. WEIGHT APPROXIMATELY 28.39 KILOGRAMS (62.60 POUNDS).
3.  SYMBOL INDICATES CENTER OF GRAVITY.

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