

# FreeSpace 360P Series II

## environmental landscape loudspeaker

### Product Overview

The Bose Professional FreeSpace 360P Series II is a full-range environmental loudspeaker designed to blend with landscaping for in-ground or above-ground applications, such as shopping malls, outdoor restaurants, resorts and theme parks.

Using an innovative design, the Bose Professional FreeSpace 360P Series II loudspeaker provides 360° coverage, so fewer loudspeakers are needed. Sound is dispersed evenly, both horizontally and vertically, allowing listeners to hear consistent sound either sitting or standing. It also provides extended low-frequency range down to 60 Hz.

A heavy-duty enclosure and an advanced composite driver make the FreeSpace 360P Series II loudspeaker exceptionally rugged and reliable. It is built to withstand sand, snow, rain, and salt.



### Key Features

**Full-range environmental loudspeaker** with one downward-firing 4.5-inch (114 mm) advanced-composite environmental full-range driver for in-ground or above-ground mounting

**Domed port grille** reflects sound into the listening area for clear, consistent performance

**Cabinet shape acts as acoustic diffuser** directing mid- and high-frequency energy out towards listeners. Base of loudspeaker acts as a tuned, multi-chambered ported enclosure

**Multi-tap line transformer** provides easy-to-change tap settings

**Tamper-resistant design**

**Internal speaker protection circuit** safeguards drivers

### Technical Specifications

SINGLE-LOUDSPEAKER PERFORMANCE	
Frequency Response (-3 dB) <sup>1</sup>	70 – 10,000 Hz
Frequency Range (-10 dB)	60 – 15,000 Hz
Nominal Coverage Pattern	360° horizontal × 50° vertical
Power Handling, Long-term Continuous <sup>2</sup>	80 W (70/100V), 30 W (8 Ω)
Power Handling, Peak <sup>3</sup>	320 W (70/100V), 120 W (8 Ω)
Sensitivity (SPL / 1 W @ 1 m) <sup>4</sup>	87 dB
Calculated Maximum SPL @ 1 m, Continuous <sup>5</sup>	107 dB
Calculated Maximum SPL @ 1 m, Peak	113 dB
Loudspeaker EQ	No Bose Professional EQ required. For best performance, Bose Professional EQ presets available
Recommended High-pass Protection	60 Hz with minimum 24-dB/octave filter, Presets available
Overload Protection	PTC
Transformer Taps	70V: 10 W, 20 W, 40 W, 80 W, bypass 100V: 10 W, 20 W, 40 W, 80 W, bypass

For additional specifications and application information, visit [BoseProfessional.com](https://BoseProfessional.com). Specifications are subject to change. 12/2024

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<b>TRANSDUCERS</b>	
Full-range Driver	1 × 4.5-inch (114 mm) Bose Professional environmental driver
Nominal Impedance	8 Ω (transformer bypassed; white wire for positive [+] and black wire for COM [-])
<b>PHYSICAL</b>	
Enclosure Material	Glass-reinforced polypropylene, textured
Environmental	IP55-rated, outdoor per IEC 529
Connectors	External multi-wire cable with wire nuts included
Suspension / Mounting	3 × #10 (M4) holes in base; 3 × #10 (M4) screws required
Product Dimensions (diameter × height)	368 mm × 379 mm (14.5 in × 14.9 in)
Net Weight, Single Loudspeaker	6.6 kg (14.5 lb)
Shipping Weight	6.8 kg (14.9 lb)
<b>PRODUCT CODES</b>	
FreeSpace 360P Series II, green	893800-0600

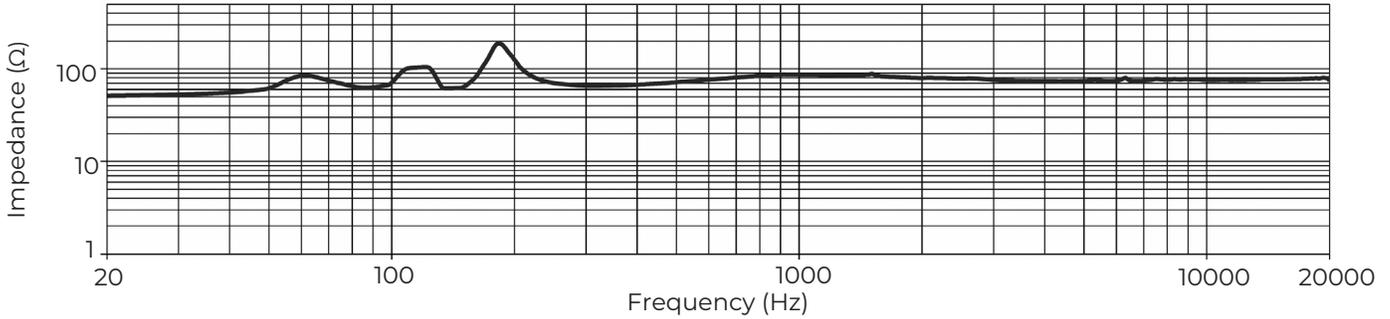
## Footnotes:

1. Frequency response measured 30° above the ground plane (per recommended installation) in an anechoic environment using recommended high-pass filter.
2. Power handling tested using pink noise filtered to meet IEC 268-5, 6 dB crest factor, 100 hours, with recommended high-pass filter.
3. Sensitivity tested using pink noise filtered to meet IEC 268-5, measured at 1 meter, 30° above the ground plane.
4. Maximum SPL calculated from sensitivity and power handling specifications, exclusive of power compression and transformer loss (less than 1 dB).
5. Measured at 70V with 80 W tap.

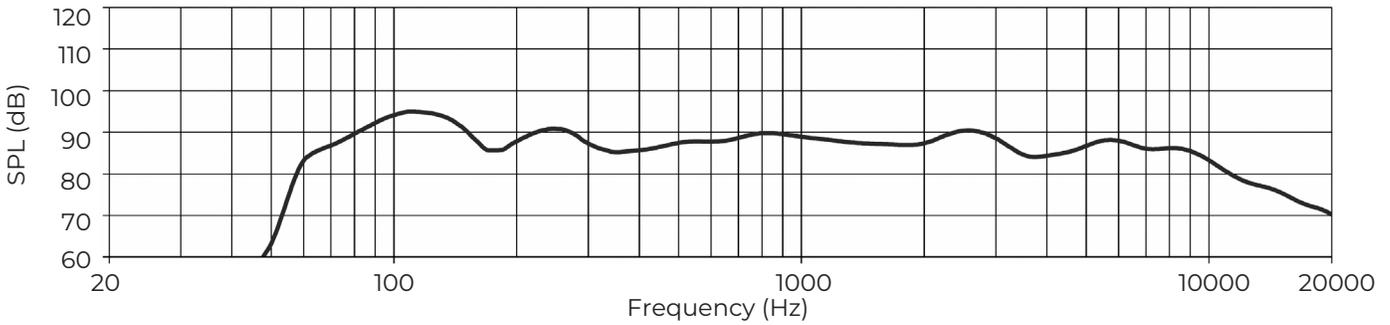
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## Impedance <sup>5</sup>



## On-Axis Response



## Transformer Tap Chart

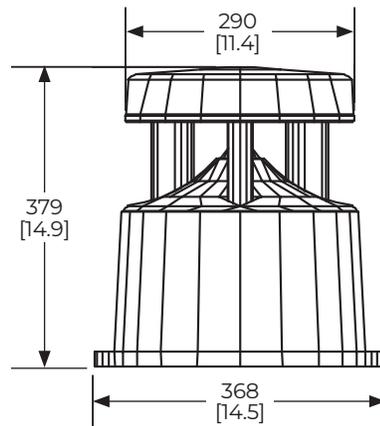
Listener Distance	m	3	4.5	6	dB SPL
	ft	10	15	20	
Tap Setting	10W	88	85	82	
	20W	91	88	85	
	40W	94	91	88	
	80W	97	94	91	

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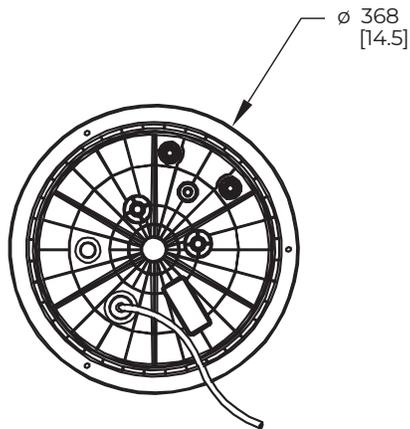
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## Dimensions <sup>6</sup>

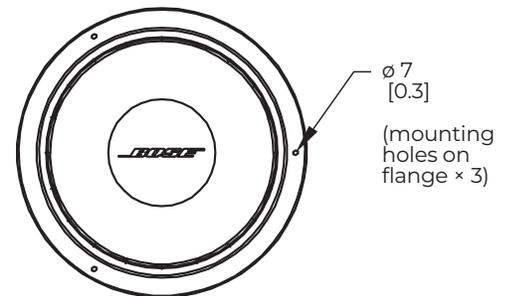
Side View



Bottom View



Top View



## Safety and Regulatory Compliance

The FreeSpace 360P Series II loudspeaker is suitable for general purpose use. It complies with EMC Directive 89/336/EEC and Article 10 (1) of the Directive in compliance with EN50081-1, EN50082-1, as signified by the CE mark.

6. Dimensions are shown in millimeters over inches.

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