



## Technical information

### Frequency range

60 Hz to 16 kHz,  $\pm 3$ dB

### 203 versions

- > 6 $\Omega$ , 100W (no transformer)
- > 70V, 75W (transformer accessory)

### Sensitivity<sup>1</sup>

84dB-SPL, 1W, 1m

### Maximum acoustic output<sup>2</sup>

104dB-SPL

### Beamwidth (-6dB point)

Vertical: 150°

Horizontal: 115°

### Long-term power handling<sup>3</sup>

100W continuous

### Dimensions

12.83" L x 8.43" D x 7.25" H (32.6 cm x 21.4 cm x 18.42 cm) enclosure

### Weight

11 lb (5 kg)

### Mounting hardware

"Quick Install" bracket and hardware are included with each loudspeaker

## General description

The FreeSpace® 203 loudspeaker is a 100-Watt passively equalised loudspeaker designed for surface-mount installations in commercial spaces. It offers the following features:

- > High fidelity sound reproduction from 60 Hz to 16 kHz
- > Two patented 4.5" Bose® StarDriver® transducers providing reliable, high quality sound in a compact enclosure
- > One forward-facing and one cross-firing driver to create a spacious soundstage over a broad listening area
- > Internal protection circuitry
- > Mounting hardware that permits fast and easy installation
- > Elegant design available in professional grey and arctic white can be painted to match any interior

## Installation

Hardware and installation instructions are included with the loudspeakers.

The loudspeakers may be mounted horizontally using the mounting brackets, which attach to the internally-threaded inserts. The loudspeaker slips easily into the mounting bracket and can be moved left to right (but not up or down) for optimal visual and acoustic performance.

## Loudspeaker configuration

The BOSE® FreeSpace® 203 loudspeaker can be used with the Bose® AmPlus100®, M2150, 1600-VI and 1800-VI power amplifiers. It is also compatible with industry standard professional amplifiers. Because the loudspeaker is passively equalised, it does not require the use of an external equalisation card. The FreeSpace® 203 loudspeaker can be part of a distributed sound system when used in conjunction with the transformer accessory. There are two loudspeakers per carton.

<sup>1</sup> Full bandwidth pink noise is amplified to a level at the loudspeaker terminals corresponding to 1 Watt as referenced to the nominal impedance. The average sound pressure level (dB-SPL) is measured at 1 meter from the speaker in an anechoic environment.

<sup>2</sup> Full bandwidth pink noise is amplified to a level at the loudspeaker terminals corresponding to the long-term rated power handling of the speaker. The average sound pressure level (dB-SPL) is measured at 1 meter from the speaker in an anechoic environment.

<sup>3</sup> Full bandwidth noise, meeting the International Electrotechnical Commission Standard #268-5 is amplified to a level at the loudspeaker terminals corresponding to the power handling of the loudspeaker. The loudspeaker must show no visible damage or measurable loss of performance after 100 hours of continuous testing.

### Engineers' and architects' specifications

The loudspeaker shall be a 100W ported loudspeaker utilising two 4.5-inch full-range drivers, one outward firing, and one cross-firing. The drivers shall have a rated impedance of 6 ohms nominal (4.8 ohm minimum). The loudspeaker is designed for direct connection to unequalised low impedance amplifier sources.

For 100 Volt systems, an accessory transformer shall be used. The transformer shall offer 19, 38, and 75W taps.

The loudspeaker shall have a maximum acoustic output of 104dB SPL from 60 Hz - 16 kHz. The input connector shall be a barrier strip. The coverage angle shall be 150° vertical and 115° horizontal. The loudspeaker shall be available in professional grey and arctic white. The loudspeaker shall be the Bose® FreeSpace® 203 loudspeaker.

### Accessory

The CVT-2 transformer is a multi-tap line transformer accessory that provides easy-to-change tap settings for 19W, 38W, 75W outputs (available for 70V and 100V applications). The transformer is designed specifically for use with the FreeSpace® 203 loudspeaker.

### U.L. Certification

The FreeSpace® 203 loudspeaker meets current regulatory standards (as of 2001) for surfacemount loudspeakers and is U.L. listed as vandal resistant.

### Warranty information

All versions of the FreeSpace® 203 loudspeaker are covered by a 5- year, transferable limited warranty.

### Features, functions, and benefits for the business owner

Feature	Function	Benefit
Bose quality sound technology.	High-fidelity, natural sound.	The FreeSpace® 203 professional loudspeaker is engineered from the ground up to provide natural, lifelike sound in your business – the kind of sound that will set your establishment apart from the others. Your customers have become used to quality sound in their homes and cars. Now they expect quality sound when they're out on the town. With the BOSE® 203 loudspeaker, you can be confident that your customers will enjoy quality sound whenever they visit your business.
Passive equalisation.	Products that are cost effective and leverage existing investment.	The FreeSpace® 203 loudspeaker is a passively equalised loudspeaker; it does not require active equalisation in the form of a system controller or amplifier plug-in card. It can be used with an existing amplifier.
Bose 4.5" StarDriver® transducers	Reliability.	One of the most critical parts of a loudspeaker is the transducer, or driver. The FreeSpace® 203 loudspeaker uses a proprietary Bose 4.5-inch full-range driver. These drivers go through rigorous testing by Bose to ensure that they meet even the toughest requirements. As an indication of our confidence in the reliability of these loudspeakers, they are covered by a five-year transferable, limited warranty.
Virtually Invisible® loudspeakers	Loudspeakers that will not interfere with the interior decor of the business.	The loudspeakers are small enough to blend in with the decor, rather than detract from it. The FreeSpace® 203 loudspeaker is available in Professional Grey and Arctic White. It can also be painted to match any decor.
Installation brackets.	Easy to install.	Fast, easy, cost-effective installation. Custom designed hardware is included for safer installation.

### Bose® freespace® 203 loudspeaker footprint

