

# BOSE® SOUND-SYSTEM FOR MAZDA CX-3



## 7 HIGH-PERFORMANCE SPEAKERS

- 1 Two 2.5-cm neodymium tweeters in the instrument panel.
- 2 Two 16.5-cm wide-range speakers in the front doors.
- 3 Two 13-cm wide-range speakers in the rear doors.
- 4 One 13-cm Richbass® woofer in a 7-litre custom-engineered bass enclosure in the spare tyre wheel well.

## SYSTEM ELECTRONICS

- 5 Digital amplifier under the right front seat with Bose Digital Signal Processing and 7 channels of customised equalisation.

Each part of the Bose sound system has been carefully engineered to work with the others for better performance. Replacing the factory-installed headunit (i. e. radio-CD/navigation system) or any other sound system component can significantly reduce system performance.

**BOSE**  
Better sound through research

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## SYSTEM HIGHLIGHTS

### BOSE SYSTEM DESIGN PHILOSOPHY

Every vehicle model is different, and each has its own unique acoustic signature. Whether it's a hatchback, a convertible or an SUV, the shape and materials of the cabin interior affect the sound quality differently. And just as every vehicle model is different, so too is each Bose sound system.

The Bose approach is based on the philosophy that superior sound quality is designed in from the start. More than 50 years of Bose research and experience have produced a deep understanding of acoustics, and how they can enhance – or detract from – the music.

- Every Bose sound system is as unique as the vehicle for which it's created.
- Superior sound quality is designed into a vehicle from the start.
- This system is customised specifically for the acoustics of the vehicle cabin.

### BASS MANAGEMENT

Bass management uses a proprietary algorithm, customised specifically for the acoustics of the vehicle cabin, which helps deliver music with more of the power and emotion of a live performance.

### BOSE DIGITAL SIGNAL PROCESSING

To raise system performance to an even higher standard, Bose engineers developed a digital sound system for the vehicle. Proprietary Bose digital signal processing and multiple channels of custom equalisation help tune the sound specifically for the vehicle. Music sounds full and detailed, speech sounds natural, and the system can approach live performance levels without sounding distorted.

- Multiple channels of customer digital equalisation.
- Music sounds full and detailed, speech sounds natural.
- The system can approach live performance levels without sounding distorted.

### RICHBASS® WOOFER

Innovative design allows the Richbass® woofer to be just 13 cm in diameter, while still delivering the performance of a larger speaker. In addition, the Richbass® woofer is housed in an enclosure engineered to work acoustically with the Bose sound system in the vehicle.

- Uses innovative design to help create a compact, highly efficient speaker.
- Able to produce the low-frequency output of a larger, heavier speaker.
- Used in an enclosure that can be customised for hard-to-fit spaces.