

## BOSS Audio Systems CH6930

# BOSS Audio Systems CH6930 Chaos Series 6x9 Inch Car Stereo Door Speakers Instruction Manual

## 1. INTRODUCTION

Thank you for choosing BOSS Audio Systems CH6930 Chaos Series 6x9 Inch Car Stereo Door Speakers. These 3-way, full-range coaxial speakers are designed to deliver powerful and clear audio in your vehicle. This manual provides essential information for proper installation, operation, and maintenance to ensure optimal performance and longevity of your speakers.

## 2. SAFETY INFORMATION

- **Professional Installation Recommended:** Due to the complexity of car audio systems, professional installation is strongly encouraged to ensure proper and safe functionality.
- **Disconnect Battery:** Always disconnect the vehicle's negative battery terminal before beginning any electrical work to prevent electrical shock or damage.
- **Wiring:** Ensure all wiring connections are secure and properly insulated to prevent short circuits. Use appropriate gauge wiring for your installation.
- **Mounting:** Securely mount speakers to prevent them from becoming loose during vehicle operation, which could cause injury or damage.
- **Avoid Overpowering:** Do not exceed the speaker's maximum power handling capacity to prevent damage.
- **Ventilation:** Ensure adequate ventilation around the speakers if installed in enclosed spaces to prevent overheating.

## 3. PACKAGE CONTENTS

Verify that all items are present in your package:

- BOSS Audio Systems CH6930 6x9 Inch Car Stereo Door Speakers (Pair)
- Speaker Grilles (Pair)
- Mounting Hardware (Screws, clips)
- Speaker Wire

# INCLUDED IN THE BOX



Figure 3.1: Included components in the BOSS Audio Systems CH6930 package.

## 4. SPECIFICATIONS

Feature	Specification
Model Name	CH6930
Speaker Type	3-Way Coaxial Car Speaker
Speaker Size	6 x 9 Inches
Maximum Output Power	400 Watts (Peak)
Frequency Response	50Hz to 20kHz
Sensitivity	92 dB @ 1 watt/1 meter

Impedance	4 Ohms
Woofer Material	Poly-injected cone with rubber surround
Voice Coil	1-inch High-Temperature
Tweeter	0.75-inch Piezo
Midrange	2-inch Polyimide
Basket Type	Stamped Steel
Mounting Depth	3.2 inches
Mounting Hole	8.9 x 6 inches
Product Dimensions	9.25"W x 6.5"D x 4.2"H
Item Weight	5.4 pounds (pair)

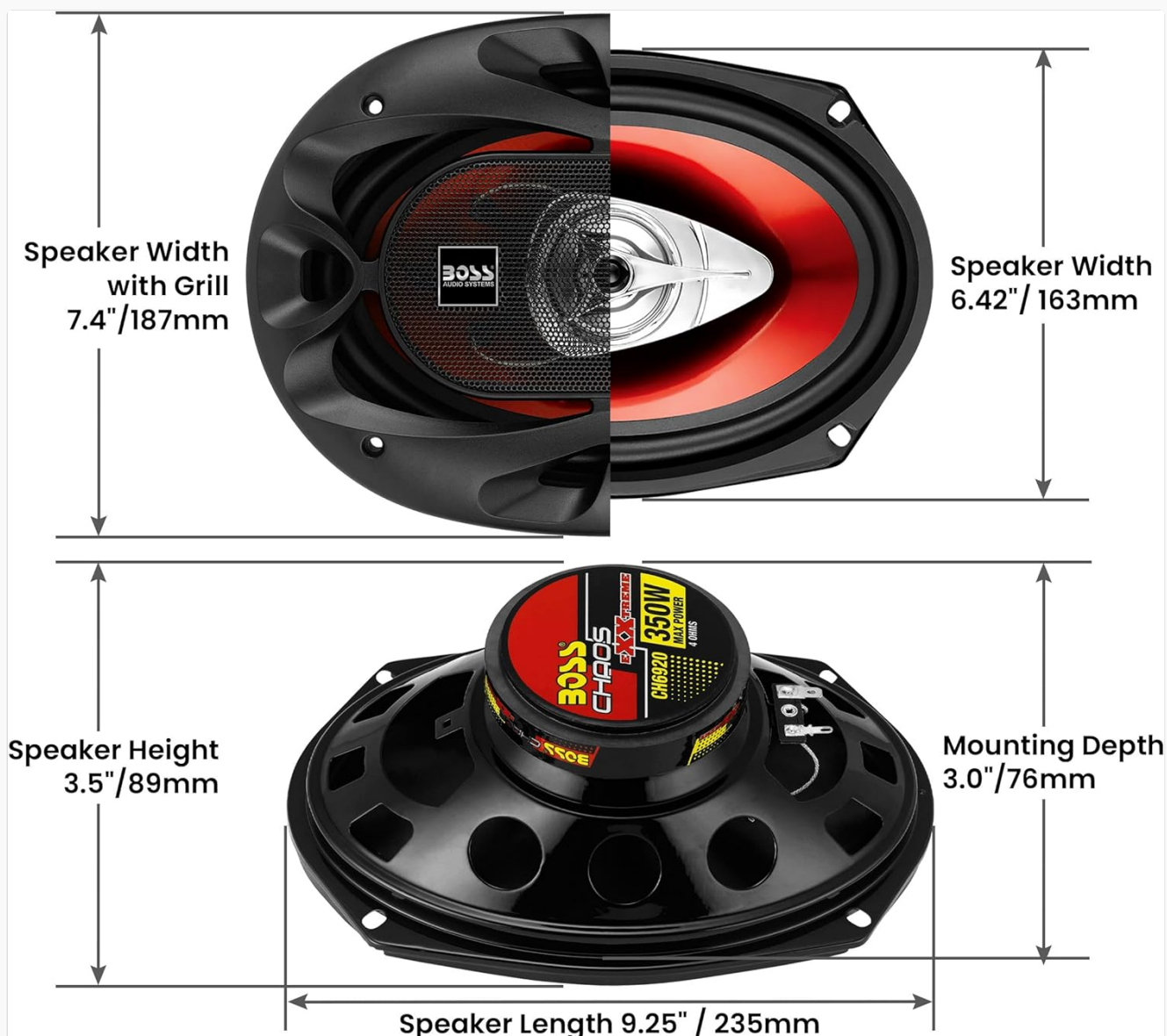


Figure 4.1: BOSS Audio Systems CH6930 Speaker Dimensions.

## 5. SETUP & INSTALLATION

Installing your CH6930 speakers requires careful attention to detail. It is highly recommended to have this product professionally installed.

### 5.1 Pre-Installation Checklist

- Ensure the vehicle's battery is disconnected.
- Confirm the mounting location (typically car doors) has sufficient depth and clearance for the speakers. Refer to the dimensions in Section 4.
- Gather necessary tools: screwdrivers, wire strippers, crimpers, drill (if new holes are needed), and safety glasses.

### 5.2 Mounting the Speakers

1. Carefully remove the existing speakers or prepare the mounting location by cutting the appropriate size hole if necessary. Use the provided template or refer to the mounting hole dimensions (8.9 x 6 inches).
2. Position the new CH6930 speaker in the opening.
3. Align the mounting holes and secure the speaker using the provided screws and clips. Do not overtighten.



Figure 5.1: BOSS Audio Systems CH6930 Speakers with and without grille.



Figure 5.2: Example of CH6930 speaker installed in a vehicle door.

### 5.3 Wiring the Speakers

The CH6930 speakers connect directly to your car's audio system (head unit or amplifier) using speaker wire. Ensure correct polarity for optimal sound quality.

1. Identify the positive (+) and negative (-) terminals on the speaker and your audio source. Speaker terminals are typically marked.
2. Connect the positive (+) wire from your audio source to the positive (+) terminal on the speaker.
3. Connect the negative (-) wire from your audio source to the negative (-) terminal on the speaker.
4. Ensure all connections are tight and free from bare wire strands that could short circuit.

For a visual overview of the product, you may refer to the video below:

Video 5.1: BOSS Audio Systems CH6930 6 x 9 Inch Car Door Speakers Overview.

## 6. OPERATING THE SPEAKERS

Once properly installed and connected, your CH6930 speakers will operate as part of your vehicle's audio system.

They are passive speakers, meaning they do not require a separate power source but are driven by your head unit or external amplifier.

- **Audio Source:** Play audio through your car's head unit (radio) or connected amplifier.
- **Volume Control:** Adjust the volume using your head unit's controls. Avoid excessively high volumes that cause distortion, as this can damage the speakers.
- **Tone Controls:** Use your head unit's equalizer or tone controls (bass, treble, midrange) to fine-tune the sound to your preference.

## 7. MAINTENANCE

To keep your CH6930 speakers in optimal condition:

- **Cleaning:** Use a soft, dry cloth to gently wipe the speaker grilles and cones. Avoid using harsh chemicals or abrasive cleaners.
- **Moisture:** Keep speakers dry. While designed for car environments, excessive moisture can cause damage.
- **Inspection:** Periodically check wiring connections for looseness or corrosion.

## 8. TROUBLESHOOTING

If you experience issues with your speakers, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No Sound	Loose or incorrect wiring connections. Blown fuse in head unit/amplifier. Faulty speaker.	Check all wiring connections for proper polarity and tightness. Inspect fuses. Test speaker with another audio source.
Distorted Sound	Volume too high. Incorrect amplifier gain settings. Damaged speaker cone/voice coil.	Reduce volume. Adjust amplifier gain. Inspect speaker for physical damage.
Weak or Muffled Sound	Incorrect wiring polarity. Speaker cone obstruction. Low power from audio source.	Verify correct positive/negative wiring. Ensure no obstructions. Consider a more powerful amplifier.

## 9. WARRANTY & SUPPORT

### 9.1 Warranty Information

BOSS Audio Systems provides a powerful **3-year platinum online dealer warranty** for the CH6930 speakers, valid only when the purchase is made through Amazon.com. This offer is not valid on purchases made from third-party marketplace sellers. Please retain your proof of purchase for warranty claims.

**Legal Disclaimer:** Warranty does not cover misuse of the product.

# 3 Year Platinum Online Dealer Warranty\*

We provide a powerful 3 Year Platinum Online Dealer Warranty so long as the purchase is made through Amazon.com. We strongly encourage professional installation of this product to ensure proper and safe functionality.



\* Register online after purchase

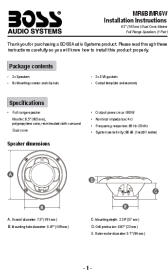
- Full Range 6" x 9" 2-Way Speaker Pair
- 350 Watts MAX 175 Watts RMS Power Handling per Pair
- 50 Hz to 20 kHz Frequency Response & 92dB Sensitivity
- Poly Injection Woofer Cone & Rubber Surround
- 1 Tweeter Per Speaker
- Sold in Pairs

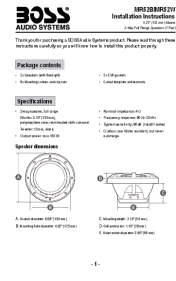
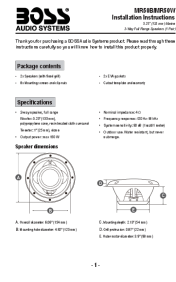



Figure 9.1: BOSS Audio Systems 3-Year Platinum Online Dealer Warranty details.

## 9.2 Customer Support

For further assistance, technical support, or warranty inquiries, please visit the official BOSS Audio Systems website or contact their customer service department. Contact information can typically be found on the product packaging or the official brand website.

## Related Documents - CH6930

	<p><a href="#">BOSS Audio Systems MR6B/MR6W 6.5-Inch Marine Dual Cone Speaker Installation Instructions</a></p> <p>Comprehensive installation guide for BOSS Audio Systems MR6B/MR6W 6.5-inch (165 mm) Dual Cone Marine Full Range Speakers, covering package contents, specifications, dimensions, mounting, and wiring.</p>
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 <p>BOSS AUDIO SYSTEMS MR52B/MR52W Installation Instructions</p> <p>Thank you for purchasing a BOSS Audio Systems product. Please read these instructions carefully for proper installation and to ensure the best performance of your product.</p> <p><b>Package contents:</b></p> <ul style="list-style-type: none"><li>1. Speaker</li><li>2. Mounting plate</li><li>3. Screws</li><li>4. Gaskets</li><li>5. Wiring harness</li></ul> <p><b>Specifications:</b></p> <ul style="list-style-type: none"><li>1. Power: 50W RMS</li><li>2. Impedance: 4Ω</li><li>3. Frequency Response: 60Hz - 20kHz</li><li>4. Sensitivity: 90dB</li><li>5. Dimensions: 5.25" x 5.25" x 1.5"</li></ul> <p><b>Speaker dimensions:</b></p> <ul style="list-style-type: none"><li>A. Mounting plate: 5.25" x 5.25"</li><li>B. Mounting plate: 5.25" x 5.25"</li><li>C. Mounting plate: 5.25" x 5.25"</li><li>D. Mounting plate: 5.25" x 5.25"</li></ul> <p>-1-</p>	<p><a href="#">BOSS Audio Systems MR52B/MR52W Marine Speaker Installation Instructions</a></p> <p>Comprehensive installation guide for BOSS Audio Systems MR52B/MR52W 5.25-inch marine 2-way full-range speakers. Includes package contents, detailed specifications, speaker dimensions, mounting procedures, and wiring instructions for optimal performance and safety.</p>
 <p>BOSS AUDIO SYSTEMS MR50B/MR50W Installation Instructions</p> <p>Thank you for purchasing a BOSS Audio Systems product. Please read these instructions carefully for proper installation and to ensure the best performance of your product.</p> <p><b>Package contents:</b></p> <ul style="list-style-type: none"><li>1. Speaker</li><li>2. Mounting plate</li><li>3. Screws</li><li>4. Gaskets</li><li>5. Wiring harness</li></ul> <p><b>Specifications:</b></p> <ul style="list-style-type: none"><li>1. Power: 50W RMS</li><li>2. Impedance: 4Ω</li><li>3. Frequency Response: 60Hz - 20kHz</li><li>4. Sensitivity: 90dB</li><li>5. Dimensions: 5.25" x 5.25" x 1.5"</li></ul> <p><b>Speaker dimensions:</b></p> <ul style="list-style-type: none"><li>A. Mounting plate: 5.25" x 5.25"</li><li>B. Mounting plate: 5.25" x 5.25"</li><li>C. Mounting plate: 5.25" x 5.25"</li><li>D. Mounting plate: 5.25" x 5.25"</li></ul> <p>-1-</p>	<p><a href="#">BOSS Audio Systems MR50B/MR50W Marine Speaker Installation Instructions</a></p> <p>Detailed installation instructions for BOSS Audio Systems MR50B and MR50W 5.25-inch (133 mm) marine 2-way full-range speakers. Covers package contents, technical specifications, speaker dimensions, important installation notes, mounting procedures, and wiring guidance.</p>
 <p>BOSS AUDIO SYSTEMS MPWT60RGBW USER MANUAL</p> <p>Thank you for purchasing a BOSS Audio Systems product. Please read these instructions carefully for proper installation and to ensure the best performance of your product.</p> <p><b>Package contents:</b></p> <ul style="list-style-type: none"><li>1. Speaker</li><li>2. Mounting plate</li><li>3. Screws</li><li>4. Gaskets</li><li>5. Wiring harness</li></ul> <p><b>Specifications:</b></p> <ul style="list-style-type: none"><li>1. Power: 50W RMS</li><li>2. Impedance: 4Ω</li><li>3. Frequency Response: 60Hz - 20kHz</li><li>4. Sensitivity: 90dB</li><li>5. Dimensions: 6.5" x 6.5" x 1.5"</li></ul> <p><b>Speaker dimensions:</b></p> <ul style="list-style-type: none"><li>A. Mounting plate: 6.5" x 6.5"</li><li>B. Mounting plate: 6.5" x 6.5"</li><li>C. Mounting plate: 6.5" x 6.5"</li><li>D. Mounting plate: 6.5" x 6.5"</li></ul> <p>-1-</p>	<p><a href="#">BOSS Audio MPWT60RGBW 6.5" Marine &amp; Powersports Wake Tower Speaker Pods User Manual</a></p> <p>This user manual provides detailed information for the BOSS Audio MPWT60RGBW 6.5-inch marine and powersports wake tower speaker pods. It covers product specifications, package contents, safety guidelines, step-by-step installation instructions, wiring guidance, LED light control via remote, and battery replacement for the remote.</p>
 <p>BOSS AUDIO SYSTEMS MCBK625BA USER MANUAL</p> <p>Thank you for purchasing a BOSS Audio Systems product. Please read these instructions carefully for proper installation and to ensure the best performance of your product.</p> <p><b>Package contents:</b></p> <ul style="list-style-type: none"><li>1. Speaker</li><li>2. Mounting plate</li><li>3. Screws</li><li>4. Gaskets</li><li>5. Wiring harness</li></ul> <p><b>Specifications:</b></p> <ul style="list-style-type: none"><li>1. Power: 50W RMS</li><li>2. Impedance: 4Ω</li><li>3. Frequency Response: 60Hz - 20kHz</li><li>4. Sensitivity: 90dB</li><li>5. Dimensions: 3" x 3" x 1.5"</li></ul> <p><b>Speaker dimensions:</b></p> <ul style="list-style-type: none"><li>A. Mounting plate: 3" x 3"</li><li>B. Mounting plate: 3" x 3"</li><li>C. Mounting plate: 3" x 3"</li><li>D. Mounting plate: 3" x 3"</li></ul> <p>-1-</p>	<p><a href="#">BOSS Audio Systems MCBK625BA Bluetooth Motorcycle Speakers User Manual</a></p> <p>User manual for the BOSS Audio Systems MCBK625BA, a 3-inch weatherproof 2-speaker system with built-in amplifier, Bluetooth audio streaming, and weatherproof media control for motorcycles and UTVs.</p>
 <p>BOSS AUDIO SYSTEMS MC625BA USER MANUAL</p> <p>Thank you for purchasing a BOSS Audio Systems product. Please read these instructions carefully for proper installation and to ensure the best performance of your product.</p> <p><b>Package contents:</b></p> <ul style="list-style-type: none"><li>1. Speaker</li><li>2. Mounting plate</li><li>3. Screws</li><li>4. Gaskets</li><li>5. Wiring harness</li></ul> <p><b>Specifications:</b></p> <ul style="list-style-type: none"><li>1. Power: 50W RMS</li><li>2. Impedance: 4Ω</li><li>3. Frequency Response: 60Hz - 20kHz</li><li>4. Sensitivity: 90dB</li><li>5. Dimensions: 3" x 3" x 1.5"</li></ul> <p><b>Speaker dimensions:</b></p> <ul style="list-style-type: none"><li>A. Mounting plate: 3" x 3"</li><li>B. Mounting plate: 3" x 3"</li><li>C. Mounting plate: 3" x 3"</li><li>D. Mounting plate: 3" x 3"</li></ul> <p>-1-</p>	<p><a href="#">BOSS MC625BA Weatherproof Bluetooth Speaker System User Manual</a></p> <p>User manual for the BOSS MC625BA Weatherproof 2 Speaker System with Bluetooth audio streaming. Provides details on installation, wiring, specifications, features, and operation.</p>