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› BOSS Audio Systems 625UAB Car Stereo and CH6530 Speaker System Instruction Manual

BOSS Audio Systems 625UAB

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1. INTRODUCTION

Thank you for choosing the BOSS Audio Systems 625UAB Single Din Car Stereo and CH6530 Chaos Series 6.5 Inch Car Door Speakers. This manual provides essential information for the proper installation, operation, and maintenance of your new car audio system. Please read it thoroughly before installation and use to ensure optimal performance and safety.

2. SAFETY INFORMATION

- Always consult a professional installer if you are unsure about any installation steps.
- Disconnect the vehicle's negative battery terminal before starting any electrical work to prevent short circuits.
- Ensure all wiring is properly insulated and secured to prevent damage or interference.
- Do not operate the system in a way that distracts you from driving.
- Avoid exposing the unit to moisture or extreme temperatures.
- Use only the specified fuse rating to prevent fire or damage.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- BOSS Audio Systems 625UAB Single Din Car Stereo
- Wireless Remote Control
- Wiring Harness
- Mounting Hardware
- 2 x BOSS Audio Systems CH6530 Chaos Series 6.5 Inch Car Door Speakers
- Speaker Grilles (if applicable)

4. INSTALLATION

4.1 General Wiring Guidelines

Before beginning, ensure the vehicle's battery is disconnected. Refer to your vehicle's specific wiring diagram for accurate connections. The provided wiring harness for the 625UAB stereo typically includes connections for power (constant 12V, switched 12V, ground), speaker outputs, and antenna. The CH6530 speakers connect directly to the stereo's speaker outputs.



Image: Front and rear view of the BOSS 625UAB Car Stereo, showing the main unit and the connection port for the wiring harness. The rear view highlights the various input/output ports.

4.2 Car Stereo Installation (625UAB)

1. Remove the existing car stereo from the dashboard.
2. Connect the 625UAB's wiring harness to your vehicle's wiring harness, matching colors and functions (e.g., yellow to constant 12V, red to switched 12V, black to ground).
3. Connect the speaker wires from the 625UAB harness to your vehicle's speaker wires, ensuring correct polarity (+/-).
4. Connect the antenna cable.
5. Slide the 625UAB stereo into the single DIN mounting sleeve until it locks into place.
6. Secure the stereo with the provided mounting hardware.
7. Reconnect the vehicle's negative battery terminal and test the unit.

4.3 Car Speaker Installation (CH6530)

The CH6530 speakers are designed for 6.5-inch openings. Ensure your vehicle has compatible mounting locations.



Image: A pair of BOSS CH6530 Chaos Series 6.5 Inch Car Speakers, showcasing their design and components.

1. Remove the existing speakers from their mounting locations (e.g., door panels).
2. Connect the CH6530 speaker wires to the corresponding speaker wires from your vehicle's harness, observing polarity.
3. Mount the CH6530 speakers securely in the designated openings using the provided screws.
4. Attach the speaker grilles if desired.

3-WAY SPEAKERS MEANS MID-RANGE, WOOFER AND TWEETER DRIVERS



Image: A BOSS CH6530 speaker shown installed within a car door panel, illustrating its fit and appearance.



Image: Detailed diagram showing the dimensions of the BOSS CH6530 Chaos Series 6.5 Inch Car Speakers, including overall diameter, speaker diameter, height, mounting depth, and installation hole diameter.

5. OPERATING INSTRUCTIONS

5.1 Basic Controls

- **Power/SRC (Source):** Press to turn the unit ON. Press repeatedly to cycle through available audio sources (FM, AM, Bluetooth, USB, AUX). Press and hold to turn OFF.
- **VOL (Volume):** Rotate the knob to adjust the volume level.
- **MUTE:** Press to mute or unmute the audio.
- **BND/AMS:** In radio mode, press to select radio bands (FM1, FM2, FM3, AM1, AM2). Press and hold for Automatic Memory Store.
- **CLK:** Press to display the clock. Press and hold to enter clock setting mode.

5.2 Radio Operation

- **Tune Up/Down (◀◀▶▶):** Press briefly to seek the next/previous strong station. Press and hold for manual tuning.
- **Preset Buttons (1-6):** Press to recall a stored station. Press and hold to store the current station to that preset number.

5.3 Bluetooth Pairing and Audio Streaming

1. Ensure Bluetooth is enabled on your mobile device.
2. Select 'BT' as the source on the 625UAB stereo. The unit will enter pairing mode.
3. On your mobile device, search for Bluetooth devices and select 'BOSS 625UAB'.
4. Once paired, you can stream audio from your device to the stereo and make/receive calls hands-free.
5. Use the ◀◀/▶▶ buttons to skip tracks.

5.4 USB/AUX Input

- **USB:** Insert a USB drive into the USB port. The unit will automatically switch to USB mode and begin playback of compatible audio files.
- **AUX:** Connect an external audio device (e.g., MP3 player) to the 3.5mm AUX input using an audio cable. Select 'AUX' as the source.

5.5 Remote Control

The included wireless remote control provides convenient access to most functions of the 625UAB stereo.





Image: The wireless remote control for the BOSS 625UAB Car Stereo, showing various buttons for power, volume, source, track control, and numeric presets.

6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the unit's front panel. Do not use abrasive cleaners or solvents.
- **USB Port:** Keep the USB port free of dust and debris.
- **Speakers:** Avoid exposing speakers to excessive moisture or direct sunlight.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Blown fuse; incorrect wiring; loose connection	Check fuse (replace if necessary); verify wiring connections; ensure secure power connections.
No sound	Volume too low; Mute activated; incorrect speaker wiring	Increase volume; deactivate Mute; check speaker connections and polarity.
Bluetooth not pairing	Bluetooth not enabled on device; unit not in pairing mode; device too far	Ensure Bluetooth is ON on your device; select 'BT' source on stereo; bring device closer to stereo.
USB not playing	Incompatible file format; damaged USB drive; USB drive not properly inserted	Ensure files are compatible (e.g., MP3); try a different USB drive; reinsert USB drive firmly.

8. SPECIFICATIONS

8.1 BOSS 625UAB Car Stereo

- **Model:** 625UAB
- **Dimensions:** 5.1" x 7" x 2"
- **Weight:** 1.7 Lbs.
- **Max Power Output:** 50 Watts x 4 Channels
- **Connectivity:** Bluetooth, USB, Auxiliary (3.5mm Jack)
- **Tuner:** AM/FM Radio
- **Audio Output Mode:** Stereo
- **Special Features:** Hands-free calling, Audio streaming, Spotify/Pandora control

8.2 BOSS CH6530 Chaos Series 6.5 Inch Car Speakers

- **Model:** CH6530
- **Speaker Size:** 6.5 Inches
- **Design:** 3-Way, Full Range, Coaxial
- **Max Power (per pair):** 300 Watts
- **Impedance:** 4 Ohms
- **Mounting Depth:** 2.1 Inches
- **Mounting Hole:** 5.5 Inches
- **Overall Diameter with Grill:** 6.89 Inches (175mm)
- **Speaker Height:** 2.38 Inches (60mm)

9. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the warranty card included with your product or visit the official BOSS Audio Systems website. You may also contact their customer service directly for assistance with installation, troubleshooting, or parts replacement.

BOSS Audio Systems Website: www.bossaudio.com