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> Auna C8-CB200-9A Active Design Bass Tube Subwoofer User Manual

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Model: C8-CB200-9A | Brand: Auna

1. INTRODUCTION

Thank you for purchasing the Auna C8-CB200-9A Active Design Bass Tube Subwoofer. This manual provides essential information for the safe and efficient installation, operation, and maintenance of your new audio system component. Please read this manual thoroughly before use and retain it for future reference.

2. SAFETY INSTRUCTIONS

To prevent injury or damage to the unit, please observe the following safety precautions:

- **Electrical Safety:** Always disconnect the vehicle's battery before making any electrical connections. Ensure all wiring is correctly routed and secured to prevent short circuits or damage. Use appropriate fuse ratings as specified.
- **Installation Environment:** Install the subwoofer in a dry, well-ventilated area, away from direct sunlight, heat sources, and moisture. Ensure the unit is securely mounted to prevent movement during vehicle operation.
- **Hearing Protection:** Prolonged exposure to high volume levels can cause permanent hearing damage. Adjust the volume to a comfortable level.
- **Professional Installation:** If you are unsure about any aspect of the installation, consult a qualified car audio professional.

3. PACKAGE CONTENTS

Please check that all items are present in the package:

- Auna C8-CB200-9A Active Design Bass Tube Subwoofer
- Wiring Harness (Power, Ground, Remote, High-Level Input)
- Bass Boost Remote Control
- Mounting Brackets and Screws
- User Manual (this document)



Image: Included wiring harness with power, ground, and signal cables.



Image: Bass boost remote control with adjustment knob and mounting screws.

4. PRODUCT OVERVIEW

The Auna C8-CB200-9A is an active bass tube subwoofer designed to deliver powerful bass in your vehicle. It features an integrated amplifier and various controls for sound customization.



Image: Front view of the Auna C8-CB200-9A active bass tube subwoofer, showcasing its blue and silver design with the Auna logo.



Image: Rear panel of the subwoofer showing input terminals (HI-IN, LOW-IN), gain control, LPF (Low Pass Filter) control, Bass Boost switch, and power connections (+12V, REM, GND, FUSE).

Controls and Connections:

- **HI-IN (High-Level Input):** Connects directly to your car stereo's speaker outputs.
- **LOW-IN (Low-Level Input):** RCA inputs for connecting to your car stereo's pre-out (RCA) outputs.
- **REM (Remote Turn-On):** Connects to your car stereo's remote output to automatically turn the subwoofer on/off.
- **+12V (Power):** Connects to the positive terminal of your car battery.
- **GND (Ground):** Connects to a solid metal point on the vehicle chassis.
- **FUSE:** Integrated fuse for protection.
- **GAIN:** Adjusts the input sensitivity of the amplifier.
- **L.P.F (Low Pass Filter):** Adjusts the crossover frequency for the subwoofer.
- **BASS BOOST:** Switch to enable or disable bass boost.
- **PROT (Protection Indicator):** Illuminates if the amplifier enters protection mode.
- **PWR (Power Indicator):** Illuminates when the amplifier is powered on.

5. SETUP AND INSTALLATION

Proper installation is crucial for optimal performance and safety. Follow these steps carefully:

5.1. Mounting the Subwoofer

1. Choose a suitable location in your vehicle, such as the trunk or behind a seat, ensuring it does not obstruct vision or movement.
2. Use the provided mounting brackets and screws to securely fasten the subwoofer to a stable surface. Ensure the mounting surface is strong enough to support the unit's weight (approximately 7 kg).

5.2. Wiring Connections

Before making any connections, disconnect the negative terminal of your vehicle's battery.

1. **Power Connection (+12V):** Run a heavy gauge power cable (not included, typically 8-10 AWG) from the positive terminal of your car battery to the +12V terminal on the subwoofer. Install an in-line fuse holder (with an appropriate fuse, e.g., 20A-30A) as close to the battery as possible.

2. **Ground Connection (GND):** Connect a short, heavy gauge ground cable from the GND terminal on the subwoofer to a clean, unpainted metal point on the vehicle's chassis. Ensure a good electrical contact.
3. **Remote Turn-On (REM):** Connect a thin wire from the REM terminal on the subwoofer to the remote output (usually blue/white wire) of your car stereo. This will turn the subwoofer on and off with your stereo.
4. **Audio Input:**
 - **Low-Level Input (RCA):** If your car stereo has RCA pre-outs, connect RCA cables from the stereo's subwoofer or full-range outputs to the LOW-IN terminals on the subwoofer.
 - **High-Level Input (Speaker Level):** If your car stereo does not have RCA outputs, use the provided high-level input harness. Connect the speaker wires from your car stereo's rear speakers (or full-range outputs) to the HI-IN terminals on the subwoofer.
5. **Bass Boost Remote Control:** Connect the remote control cable to the dedicated port on the subwoofer's rear panel. Route the cable to a convenient location near the driver's seat.

Once all connections are made, reconnect the negative terminal of your vehicle's battery.

6. OPERATING INSTRUCTIONS

After installation, follow these steps to configure and operate your subwoofer:

1. **Turn on your car stereo.** The PWR indicator on the subwoofer should illuminate.
2. **Adjust GAIN:** Start with the GAIN control set to minimum. Play a familiar piece of music with strong bass. Slowly increase the GAIN until you hear distortion, then back it off slightly. The goal is to match the subwoofer's output level with the rest of your audio system.
3. **Adjust L.P.F (Low Pass Filter):** This control sets the upper frequency limit for the subwoofer. Typically, set it between 80Hz and 120Hz. Experiment to find the setting that blends best with your main speakers, ensuring a smooth transition from bass to mid-range frequencies.
4. **Use BASS BOOST:** The BASS BOOST switch on the subwoofer's rear panel can be used to enable or disable the bass boost feature. The external bass boost remote control allows you to fine-tune the bass level from your driving position.
5. **Fine-tuning:** Make small adjustments to the GAIN and L.P.F. settings until the bass sounds natural and integrated with your overall audio system.

7. MAINTENANCE

Regular maintenance will help ensure the longevity and performance of your subwoofer:

- **Cleaning:** Use a soft, dry cloth to wipe down the exterior of the subwoofer. Do not use abrasive cleaners or solvents.
- **Fuse Replacement:** If the subwoofer does not power on, check the in-line fuse near the battery and the fuse on the subwoofer's rear panel. Always replace a blown fuse with one of the exact same type and rating (e.g., 20A). Using a fuse with a higher rating can cause serious damage to the unit or vehicle.
- **Connection Check:** Periodically check all wiring connections to ensure they are secure and free from corrosion.

8. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No power / PWR indicator off	Blown fuse; Loose power/ground/remote wire; No remote signal from stereo.	Check and replace fuses; Verify all power, ground, and remote connections are secure; Ensure stereo is on and remote wire is connected.
No sound / Low output	Gain set too low; Incorrect input connection; LPF set too low; Stereo volume too low.	Increase GAIN; Check RCA/High-level input connections; Adjust LPF; Increase stereo volume.
Distorted sound	Gain set too high; LPF set too high; Poor ground connection; Damaged speaker.	Decrease GAIN; Adjust LPF; Check ground connection; If speaker is damaged, contact support.
PROT indicator on	Overheating; Short circuit in speaker wiring; Low voltage.	Allow unit to cool down; Check speaker wiring for shorts; Verify stable power supply.

If the problem persists after trying these solutions, please contact Auna customer support or a qualified technician.

9. SPECIFICATIONS

Feature	Specification
Model Number	C8-CB200-9A
Brand	Auna
Speaker Type	Subwoofer (Active Bass Tube)
Maximum Output Power	500 Watts
Connectivity Technology	Wired
Power Source	Corded Electric (12V DC)
Product Dimensions (L x W x H)	43 x 27 x 27 cm (16.9 x 10.6 x 10.6 inches)
Item Weight	7 Kilograms (15.4 lbs)
Included Components	Wiring harness, Bass boost remote control

10. WARRANTY AND SUPPORT

Auna products are designed and manufactured to the highest quality standards. For information regarding warranty coverage, please refer to the warranty card included with your purchase or contact your local Auna dealer or customer support. For technical assistance or service inquiries, please visit the official Auna website or contact their customer service department.

Please retain your proof of purchase for warranty claims.