

AUDIOTEK CA-12SAP

AUDIOTEK 12-Inch Single Ported Angle Truck Subwoofer Box Enclosure User Manual

Model: CA-12SAP

Brand: AUDIOTEK

INTRODUCTION

This manual provides detailed instructions for the proper installation, operation, and maintenance of your AUDIOTEK 12-Inch Single Ported Angle Truck Subwoofer Box Enclosure. This enclosure is designed to house a 12-inch subwoofer, enhancing the bass response of your vehicle's audio system. It is constructed from durable MDF wood and covered with premium carpeting, providing a robust and acoustically optimized housing for your subwoofer. Please read this manual thoroughly before proceeding with installation or use.

SAFETY INFORMATION

Always observe the following safety precautions:

- Ensure all power to the vehicle's audio system is disconnected before installation.
- Use appropriate tools and wear protective gear during installation.
- Verify correct wiring polarity to prevent damage to the subwoofer or amplifier.
- Mount the enclosure securely to prevent movement during vehicle operation.
- Avoid exposing the enclosure to excessive moisture or extreme temperatures.

PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 x AUDIOTEK 12-Inch Single Ported Angle Truck Subwoofer Box Enclosure (Model: CA-12SAP)

Note: Subwoofer speaker, mounting screws, and wiring are sold separately and are not included with the enclosure.

SETUP AND INSTALLATION

Follow these steps for proper setup and installation of your subwoofer enclosure:

1. Prepare the Enclosure

The enclosure is constructed from 5/8-inch MDF (Medium-Density Fiberboard) with a durable carpeting cover. It features an airtight sealed chamber design for optimal acoustic performance.

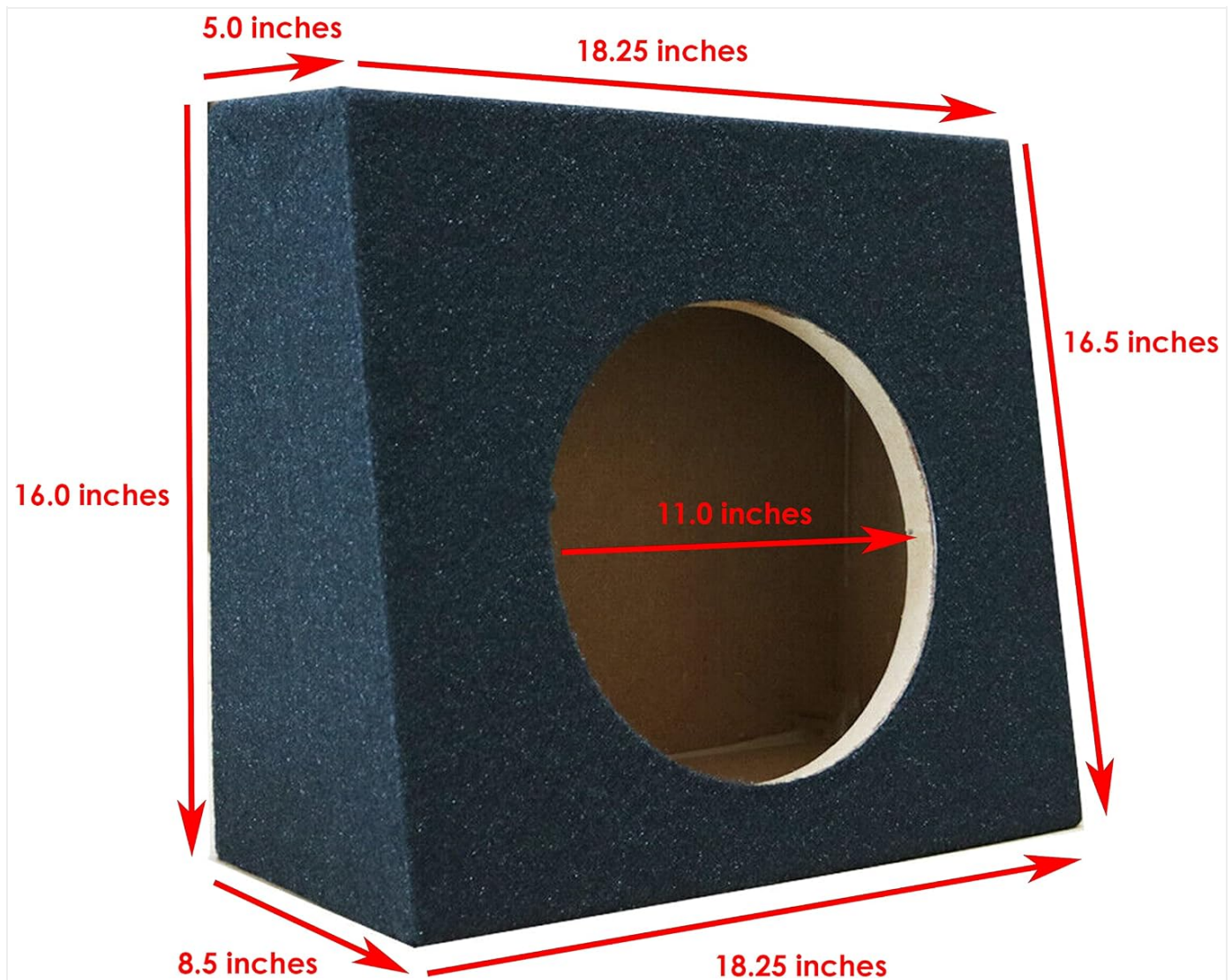


Image: Detailed dimensions of the subwoofer enclosure. The enclosure measures approximately 18.25 inches in width, 16.0 inches in height (front), 16.5 inches in height (back), 8.5 inches in depth (bottom), and 5.0 inches in depth (top). The woofer cutout diameter is 11.0 inches.



Image: Angled front view of the subwoofer enclosure, showcasing the 12-inch woofer opening and the carpeted finish.

2. Install the Subwoofer

1. Carefully place your 12-inch subwoofer into the circular opening on the front of the enclosure.
2. Align the subwoofer's mounting holes with the pre-drilled holes on the enclosure.
3. Secure the subwoofer using appropriate mounting screws (not included). Ensure a tight, even seal to prevent air leaks.

3. Connect Wiring

1. Locate the speaker terminal cup on the side of the enclosure.
2. Connect your speaker wire from the subwoofer to the terminal cup, observing correct polarity (positive to positive, negative to negative).
3. Ensure the terminal cup is securely fastened to the enclosure. If it is loose, use appropriate screws to secure it.



Image: Rear view of the subwoofer enclosure, highlighting the speaker terminal cup for wiring connections.

4. Vehicle Placement

Position the enclosure in your truck or vehicle. The angled design is optimized for truck applications, allowing for a better fit behind seats or in tight spaces. Secure the enclosure to prevent it from shifting during driving. This enclosure is designed to produce maximum bass boost and high-quality sound from your speakers.

OPERATING INSTRUCTIONS

Once the subwoofer is installed and wired, connect the enclosure to a suitable amplifier. Adjust the amplifier's settings (gain, crossover, phase) according to your subwoofer's specifications and your personal audio preferences. Start with low volume and gradually increase to avoid damage to your equipment.

MAINTENANCE

To ensure the longevity and performance of your enclosure:

- **Cleaning:** Wipe the exterior carpeted surface with a damp cloth to remove dust and dirt. Avoid using harsh chemicals.
- **Inspection:** Periodically check all connections and mounting screws to ensure they remain tight. Inspect the enclosure for any signs of damage or wear.
- **Environment:** Keep the enclosure in a dry environment and protect it from direct sunlight or extreme temperatures.

TROUBLESHOOTING

If you encounter issues, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
No sound from subwoofer	Loose or incorrect wiring connections. Amplifier not powered on or faulty. Subwoofer damaged.	Check all wiring connections for proper polarity and secure fit. Verify amplifier power and functionality. Test subwoofer with another known good amplifier if possible.
Distorted or poor sound quality	Incorrect amplifier settings (gain too high, wrong crossover). Loose subwoofer mounting. Air leaks in enclosure.	Adjust amplifier gain and crossover settings. Ensure subwoofer is securely mounted to the enclosure. Check for any gaps or loose panels in the enclosure.
Terminal cup is loose	Mounting screws for terminal cup are missing or loose.	Obtain appropriate screws and securely fasten the terminal cup to the enclosure.

SPECIFICATIONS

- **Model:** CA-12SAP
- **Woofer Compatibility:** 12 inches
- **Construction Material:** 5/8-inch MDF (Medium-Density Fiberboard)
- **Exterior Finish:** Durable carpeting
- **Enclosure Type:** Single Ported Angle Truck Box
- **Dimensions (Approximate):**
 - Width: 18.25 inches
 - Front Height: 16.0 inches
 - Back Height: 16.5 inches
 - Bottom Depth: 8.5 inches
 - Top Depth: 5.0 inches
 - Woofer Cutout Diameter: 11.0 inches

WARRANTY AND SUPPORT

For warranty information or technical support, please contact AUDIOTEK directly or refer to the retailer where the product was purchased. Keep your proof of purchase for any warranty claims.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question