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› KICKER 48TRTP122 12-inch Thin Down-Firing Subwoofer Enclosure User Manual

KICKER 48TRTP122

KICKER 48TRTP122 12-inch Thin Down-Firing Subwoofer Enclosure User Manual

Model: 48TRTP122

INTRODUCTION

Thank you for choosing the KICKER 48TRTP122 12-inch Thin Down-Firing Subwoofer with Passive Radiator Enclosure. This manual provides essential information for the proper installation, operation, and maintenance of your subwoofer system. Please read it thoroughly to ensure optimal performance and longevity of your product.

The KICKER 48TRTP122 is designed for high-output bass in a compact form factor, featuring a down-firing design and a passive radiator for enhanced bass response. Its robust construction ensures durability and reliable performance.



Image: Front view of the KICKER 48TRTP122 subwoofer enclosure, showing the active subwoofer and passive radiator.

KEY FEATURES

- Extremely Compact Design with Drivers Hidden, Becoming a Part of the Vehicle's Makeup
- New CompRT Features Forced-Air Cooling - 20% Cooler for Increased Reliability
- High-Output ReFLEX Passive Woofer Intensifies Bass Output
- Internally Braced Enclosure Provides Ultimate Protection
- Easily Mounts in Cargo Area, with No Space Issues

SETUP AND INSTALLATION

Proper installation is crucial for the performance and safety of your KICKER subwoofer. If you are unsure about any steps, consult a professional car audio installer.

1. Unpacking and Inspection

- Carefully remove the subwoofer enclosure from its packaging.
- Inspect the unit for any signs of damage that may have occurred during shipping. Contact your dealer immediately if any damage is found.
- Ensure all components listed in the packaging are present. The box should contain the 48TRTP122 subwoofer enclosure.

2. Mounting Location

The 48TRTP122 is designed for flexible mounting, particularly in cargo areas. Consider the following:

- Choose a secure location that will not interfere with vehicle operation or passenger safety.
- The down-firing design allows for placement directly on the floor of the cargo area, minimizing space requirements.
- Ensure adequate ventilation around the enclosure.



Image: The KICKER 48TRTP122 subwoofer enclosure placed in the cargo area of a vehicle, demonstrating its compact fit.

3. Wiring Connections

Connect the subwoofer to a suitable amplifier. The 48TRTP122 features a 2-Ohm impedance. Ensure your amplifier is stable at this impedance.

1. **Power Wiring:** Connect the amplifier's power input directly to the vehicle's battery using an appropriate gauge power wire and fuse.
2. **Ground Wiring:** Connect the amplifier's ground terminal to a clean, unpainted metal surface on the vehicle chassis.
3. **Remote Turn-On:** Connect the amplifier's remote turn-on terminal to the remote output of your head unit.
4. **Signal Input:** Connect the RCA outputs from your head unit or line output converter to the amplifier's RCA inputs.
5. **Speaker Output:** Connect the amplifier's speaker output terminals to the subwoofer's input terminals. Observe correct polarity (+ to + and - to -).



Image: A detailed view of the input terminals on the KICKER 48TRTP122 subwoofer enclosure, showing connection points for amplifier wiring.

OPERATING INSTRUCTIONS

Once installed, follow these guidelines for optimal operation of your KICKER subwoofer.

1. Initial Power-Up and Settings

- Before turning on your audio system, ensure all connections are secure and correct.
- Start with the amplifier's gain control set to minimum.
- Turn on your head unit and amplifier.
- Play a familiar piece of music with strong bass content.
- Slowly increase the amplifier's gain until you achieve the desired bass level without distortion. Avoid setting the gain too high, as this can damage the subwoofer.
- Adjust the low-pass filter (LPF) on your amplifier or head unit to blend the subwoofer's output seamlessly with your main speakers. A common starting point is 80-100 Hz.
- Adjust the bass boost (if available) sparingly. Excessive bass boost can lead to distortion and potential damage.

2. Break-In Period

Allow a break-in period of several hours of normal listening before operating the subwoofer at maximum output. This allows the suspension components to loosen up and achieve optimal performance.

3. Listening Levels

While your KICKER subwoofer is designed for high output, prolonged listening at extremely high, distorted levels can cause hearing damage and damage to the subwoofer. Listen responsibly.

MAINTENANCE

The KICKER 48TRTP122 subwoofer enclosure requires minimal maintenance to ensure long-lasting performance.

- **Cleaning:** Use a soft, dry cloth to wipe down the enclosure. Avoid using harsh chemicals or abrasive cleaners, which can damage the carpet finish.
- **Inspection:** Periodically check all wiring connections to ensure they remain tight and free from corrosion.
- **Protection:** Avoid placing heavy or sharp objects directly on the subwoofer cone or passive radiator, as this can cause damage. The internally braced enclosure provides protection, but care should still be taken.
- **Environment:** Keep the subwoofer away from excessive moisture and extreme temperatures.



Image: Side view of the KICKER 48TRTP122 subwoofer enclosure, highlighting its durable carpeted finish.

TROUBLESHOOTING

If you experience issues with your KICKER subwoofer, refer to the following common problems and solutions.

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No Sound from Subwoofer	No power to amplifier Loose or incorrect wiring Amplifier in protection mode Head unit settings	Check amplifier power, ground, and remote connections. Verify all speaker and RCA connections. Check amplifier fuses. Disconnect power, wait, then reconnect. Ensure subwoofer output is enabled and volume is up on head unit.
Distorted Sound	Amplifier gain too high Bass boost too high Clipping from head unit Damaged subwoofer	Reduce amplifier gain. Reduce or disable bass boost. Lower head unit volume. Inspect subwoofer cone for physical damage.
Weak or No Bass	Incorrect amplifier settings Phase issues Incorrect wiring polarity	Increase amplifier gain. Adjust low-pass filter (LPF) settings. Check amplifier phase switch (0° or 180°). Verify correct speaker wire polarity.

If these steps do not resolve the issue, contact KICKER customer support or your authorized KICKER dealer.

SPECIFICATIONS

Feature	Detail
Brand	KICKER
Model Number	48TRTP122
Speaker Type	Subwoofer
Subwoofer Diameter	12 inches
Speaker Maximum Output Power	1000 watts
Frequency Response	500 hertz <i>(Note: This value is from source data and may not represent typical subwoofer frequency range.)</i>
Connectivity Technology	Wired (Coaxial listed in source data)
Audio Output Mode	Stereo
Mounting Type	Cargo Area Mount
Enclosure Material	MDF with Carpet Covering
Color	Black
Item Dimensions (D x W x H)	15.4"D x 6.8"W x 28.1"H
Item Weight	31 pounds
Number of Items	1



Image: Dimensions of the KICKER 48TRTP122 subwoofer enclosure, showing height, width, and depth measurements.

WARRANTY INFORMATION

The KICKER 48TRTP122 subwoofer enclosure comes with a **1-Year Manufacturer Warranty**. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims. For full warranty terms and conditions, please refer to the official KICKER website or contact KICKER customer support.

SUPPORT

For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact KICKER customer support.

- **KICKER Official Website:** www.kicker.com
- **Authorized Dealer:** Contact the dealer from whom you purchased the product.

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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