

Audiopipe TXX-BDX-8D2

Audiopipe 8" Competition Subwoofer (TXX-BDX-8D2) Instruction Manual

Model: TXX-BDX-8D2

INTRODUCTION

Thank you for choosing the Audiopipe 8" Competition Subwoofer, model TXX-BDX-8D2. This manual provides essential information for the proper installation, operation, and maintenance of your subwoofer. To ensure optimal performance and longevity, please read these instructions carefully before use.

SAFETY INFORMATION

- Always disconnect the vehicle's battery before performing any electrical work.
- Ensure all wiring is properly insulated and secured to prevent short circuits and damage.
- Avoid installing the subwoofer in locations where it may be exposed to moisture or extreme temperatures.
- Use appropriate hearing protection when operating the audio system at high volumes to prevent hearing damage.
- Consult a professional installer if you are unsure about any aspect of the installation process.

PACKAGE CONTENTS

The Audiopipe 8" Competition Subwoofer (TXX-BDX-8D2) package includes:

- One (1) Audiopipe 8" Competition Subwoofer (TXX-BDX-8D2)
- One (1) Instruction Manual

PRODUCT FEATURES

The Audiopipe TXX-BDX-8D2 subwoofer is engineered for superior audio performance and durability. Key features include:

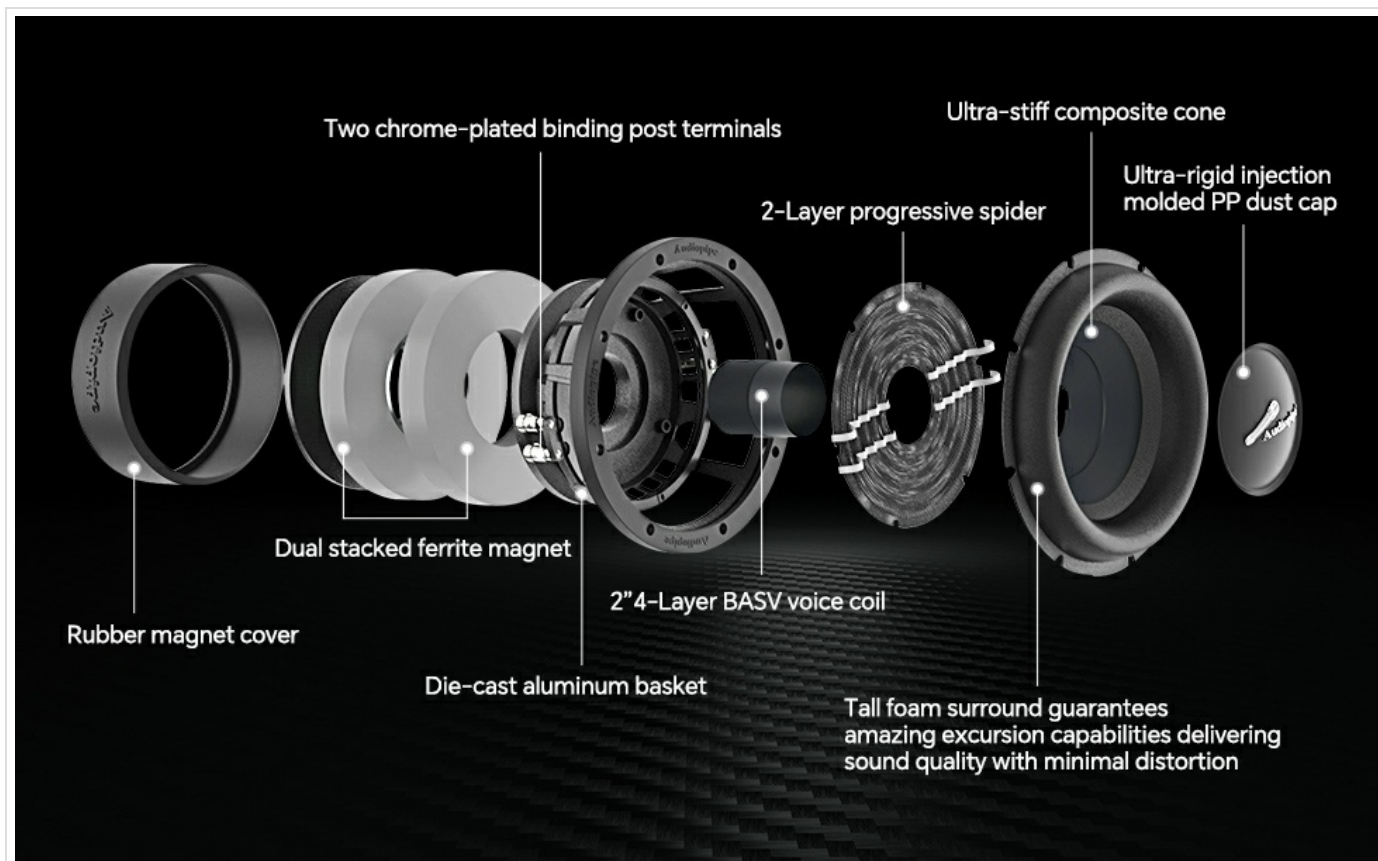
- **High Power Handling:** Designed with two magnets for robust power handling, supporting up to 1000 Watts Peak Power and 500 Watts RMS Power.
- **Advanced Voice Coil:** Features a dual 2 Ohm, 2-inch, 4-layer high-temperature Black Aluminum (BASV) voice coil with improved ventilation for sustained performance and endurance.
- **Durable Aluminum Basket:** A newly designed powdered black paint aluminum basket, combined with an ultra-stiff injection

molded PP (IMPP) dust cap and a dust-proof heat sink, ensures optimal sound quality and protection.

- **Reinforced Surround:** The black stitching surround significantly reinforces the cone, contributing to a longer lifespan and consistent performance.
- **Multi-Connect Terminals:** Carefully designed patent pipe multi-connect terminals allow for convenient wiring in either parallel or series configurations.
- **Enhanced Heat Dissipation:** Vented holes on the T-yoke are designed to improve heat dissipation, which also contributes to better sound quality and minimal distortion.
- **Rigid Paper Cone:** A thick and strong black non-press paper cone with a sand-blasted finish is designed to improve cone rigidity for superior audio output.



Front view of the Audiopipe TXX-BDX-8D2 subwoofer, highlighting the cone and surround.



Exploded view of the Audiopipe TXX-BDX-8D2 subwoofer components, detailing the voice coil, magnet, and basket.

An overview video showcasing the features and design of the Audiopipe TXX-BDX series subwoofers.

SETUP AND INSTALLATION

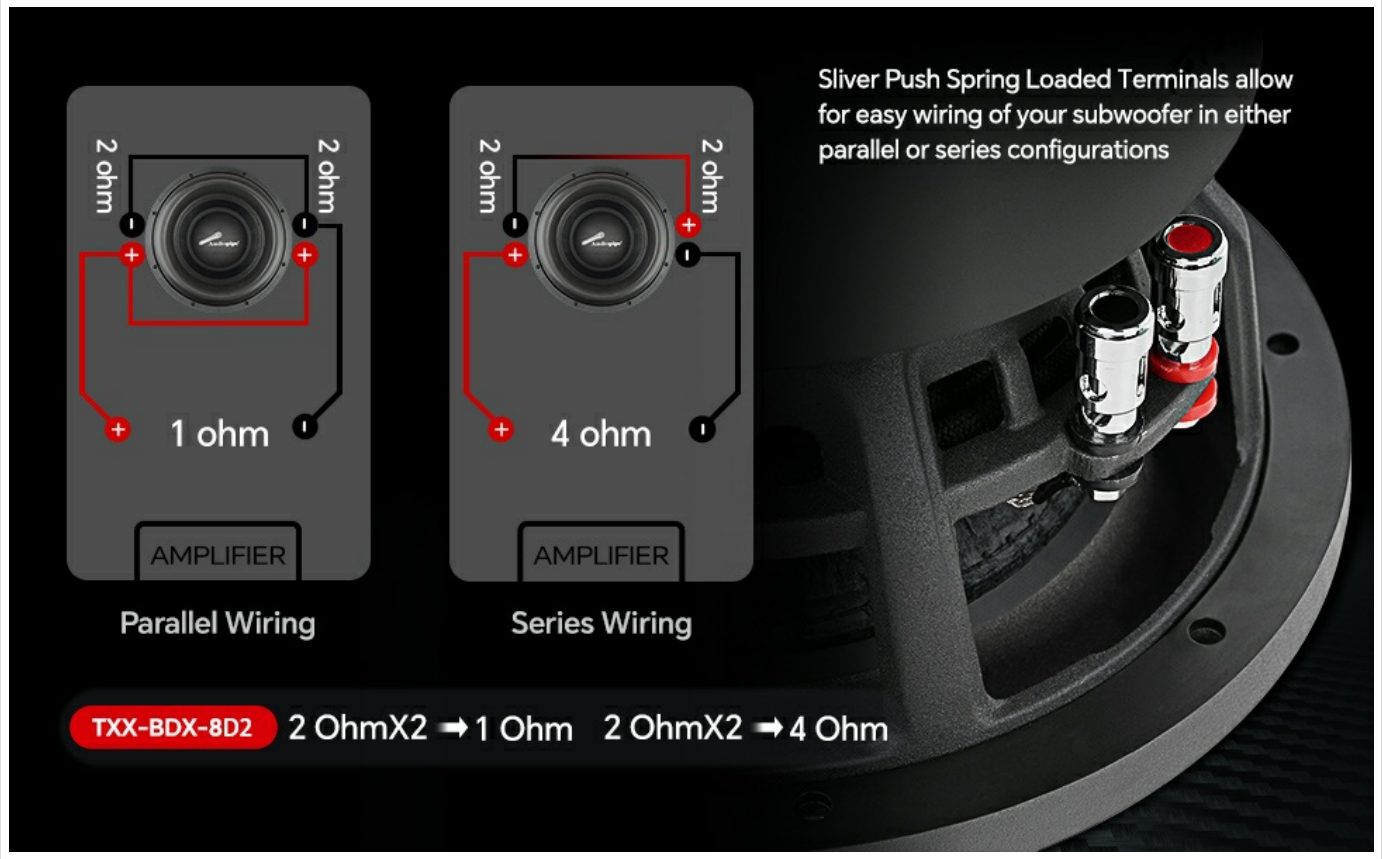
Proper installation is crucial for the performance and safety of your subwoofer. It is recommended to have the subwoofer installed by a qualified professional.

Mounting

The TXX-BDX-8D2 is designed for flush mount applications. Ensure the mounting location provides adequate clearance for the subwoofer's depth of 148mm (5-7/8"). The enclosure should be robust and properly sealed to maximize bass response.

Wiring

The subwoofer features dual 2 Ohm voice coils, allowing for various wiring configurations (parallel or series) to achieve desired impedance. Refer to the diagrams below for common wiring options. Always ensure correct polarity (+ to + and - to -) to prevent damage to the subwoofer and amplifier.



Diagrams illustrating parallel and series wiring configurations for the dual 2 Ohm voice coils.

Video comparing the TXX-BDX and TXX-BDC subwoofer series, highlighting design and performance differences.

OPERATION

Once installed, connect your subwoofer to a compatible amplifier. Ensure the amplifier's power output matches the subwoofer's RMS power handling (500 Watts) to prevent damage. Adjust amplifier gain and crossover settings according to your audio system's requirements and personal preference. Avoid prolonged operation at maximum volume to prevent overheating and potential damage.

MAINTENANCE

The Audiopipe TXX-BDX-8D2 subwoofer requires minimal maintenance. Periodically inspect the cone and surround for any signs of damage or wear. Keep the subwoofer free from dust and debris using a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners. Ensure all wiring connections remain secure.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No Sound	Loose wiring connection; Amplifier off or in protect mode; Incorrect input signal.	Check all wiring connections; Verify amplifier status and power; Ensure audio source is active.
Distorted Sound	Amplifier gain too high; Incorrect crossover settings; Damaged subwoofer cone or voice coil.	Reduce amplifier gain; Adjust crossover frequency; Inspect subwoofer for physical damage.

Problem	Possible Cause	Solution
Overheating	Inadequate ventilation; Amplifier impedance mismatch; Prolonged high-volume use.	Ensure proper airflow around the subwoofer and amplifier; Verify correct impedance matching; Reduce listening volume.

SPECIFICATIONS

Specification	Value
Model Number	TXX-BDX-8D2
Speaker Type	Competition Subwoofer
Subwoofer Diameter	8 Inches
Peak Power	1000 Watts
RMS Power	500 Watts
Impedance	2 x 2 Ohms
Frequency Response	40-2,000 Hz
Sensitivity	85 dB
Magnet Weight	150 Oz
Voice Coil	Dual 2 inch 4-layer BASV
Basket Material	Aluminum
Cone Material	Black Non-press Paper
Mounting Depth	148mm (5-7/8")
Item Weight	23.1 Pounds
Item Dimensions (D x W x H)	5.8"D x 8.7"W x 7.5"H
Compatible Devices	Amplifier, Receiver, Car Audio System

WARRANTY AND SUPPORT

The Audiopipe 8" Competition Subwoofer (TXX-BDX-8D2) is covered by a **1 Year Manufacturer Warranty**. For warranty claims or technical support, please contact Audiopipe customer service or visit the official Audiopipe website. You can find more information and products at the [Audiopipe Store](#).

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.

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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.

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