

## Wavtech WAVTECHBDL251009-02

# Wavtech THINPRO10-4 10-inch Professional Series Shallow Subwoofer Instruction Manual

Model: THINPRO10-4 | Brand: Wavtech

## 1. INTRODUCTION

The Wavtech THINPRO10-4 is a 10-inch professional series shallow subwoofer designed for high-performance audio in compact spaces. This subwoofer features a mounting depth of under 3 inches, making it suitable for installations where traditional subwoofers may not fit. It is equipped with dual mirrored NBR spiders and an axial force transfer assembly to deliver consistent sound quality.

Key features include an FEA optimized dual gap motor structure with double stacked strontium magnets, providing 20mm linear Xmax for powerful bass. The honeycomb cone, constructed from Nomex and glass fiber composite, ensures rigidity and a lightweight design. The 4.5-inch voice coil offers robust driving force with 750W RMS power handling capability. This subwoofer is available in 2 or 4 Ohm configurations and is engineered for optimal performance in small sealed or ported enclosures.

## 2. PRODUCT OVERVIEW VIDEO

Your browser does not support the video tag.

Official product overview video for the Wavtech THINPRO10 Shallow Subwoofer, detailing its features and design.

## 3. SETUP AND INSTALLATION

Proper installation is crucial for optimal performance and longevity of your subwoofer. Due to its shallow mounting depth of 2.875 inches (2 and 7/8 inches), the THINPRO10-4 offers versatile placement options in vehicles such as cars, SUVs, and trucks, including under-seat installations.

### 3.1 Enclosure Requirements

The THINPRO10-4 is designed to perform exceptionally well in both small sealed and ported enclosures. Consult a professional installer or refer to specific enclosure design guidelines for the best acoustic results based on your vehicle and desired sound profile.

### 3.2 Wiring and Connections

Ensure correct wiring for the 4 Ohm impedance. Use high-quality speaker wire and ensure all connections are secure to prevent signal loss or damage. Connect the subwoofer to an amplifier capable of delivering 750W RMS power to match the subwoofer's handling capacity.



An angled view of the subwoofer's rear, revealing the advanced motor structure, voice coil assembly, and speaker terminals for connection.

### 3.3 Mounting

The subwoofer's design allows for flush mounting. Ensure adequate clearance and secure fastening to the enclosure. The compact design facilitates installation in tight spaces without compromising performance.



This side view demonstrates the compact design of the Wavtech THINPRO10-4 subwoofer, emphasizing its shallow mounting depth of under 3 inches, ideal for tight installations.

## 4. OPERATING INSTRUCTIONS

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Once installed, operate your Wavtech THINPRO10-4 subwoofer within its specified power handling limits to ensure optimal sound quality and product longevity. The subwoofer is rated for 750W RMS power handling.

### 4.1 Amplifier Settings

Adjust your amplifier's gain, crossover, and bass boost settings according to the subwoofer's specifications and your listening preferences. Avoid excessive gain or bass boost, which can lead to distortion and potential damage.

### 4.2 Break-in Period

Allow for a break-in period of approximately 20-30 hours of normal listening before operating the subwoofer at its maximum potential. This allows the suspension components to loosen and achieve optimal performance.



This image displays the front of the Wavtech THINPRO10-4 subwoofer, highlighting its robust cone and durable surround, designed for optimal sound reproduction.

## 5. MAINTENANCE

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The Wavtech THINPRO10-4 subwoofer requires minimal maintenance. Regularly inspect the cone and surround for any signs of damage or wear. Keep the subwoofer clean and free from dust and debris.

### 5.1 Cleaning

Use a soft, dry cloth to gently wipe the surface of the subwoofer. Avoid using harsh chemicals or abrasive cleaners, which can damage the materials.

### 5.2 Inspection

Periodically check all wiring connections to ensure they remain tight and free from corrosion. Verify that the subwoofer is securely mounted in its enclosure.

## 6. TROUBLESHOOTING

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If you experience issues with your Wavtech THINPRO10-4 subwoofer, refer to the following common troubleshooting steps:

- **No Sound:** Check all power and signal connections. Ensure the amplifier is powered on and receiving a signal. Verify the subwoofer's impedance matches the amplifier's output.
- **Distorted Sound:** Reduce the amplifier's gain or bass boost settings. Check for damaged speaker wires or loose connections. Ensure the subwoofer is not over-driven beyond its power handling limits.
- **Overheating:** Ensure adequate ventilation around the amplifier and subwoofer. Verify the impedance load on the amplifier is correct. Reduce prolonged high-volume playback.

If problems persist after performing these checks, contact Wavtech customer support or a qualified audio technician.

## 7. SPECIFICATIONS

Feature	Specification
Brand	Wavtech
Mounting Type	Flush Mount
Model Name	WAVTECHBDL251009-02
Unit Count	1.0 Count
Item Dimensions (D x W x H)	12"D x 12"W x 4"H
Item Weight	20 Pounds
Compatible with Vehicle Type	SUVs, Select Cars, Truck
Model Number	WAVTECHBDL251009-02
Built-In Media	2x Thinpro10-4
Number of Items	1
UPC	199730004454
Manufacturer	Wavtech
ASIN	B0FWGG6WZ2
GTIN	199730004454

## 8. WHAT'S IN THE BOX

- 2x Wavtech THINPRO10-4 Subwoofers

## 9. WARRANTY AND SUPPORT

The Wavtech THINPRO10-4 Subwoofer comes with a **1-Year Manufacturer Warranty**. This warranty covers defects in materials and workmanship under normal use.

For warranty claims, technical assistance, or product support, please contact Wavtech customer service through their official website or the retailer from whom the product was purchased. Ensure you have your proof of purchase and product model information available.

