

DS18 PRO-TW120B

DS18 PRO-TW120B Super Tweeter Instruction Manual

Model: PRO-TW120B

INTRODUCTION

Thank you for choosing the DS18 PRO-TW120B Super Tweeter. This manual provides essential information for the proper installation, operation, and maintenance of your new audio component. Designed for high-frequency sound reproduction, the PRO-TW120B features a durable aluminum frame and diaphragm, delivering clear and powerful high tones for your car audio system.

SAFETY INFORMATION

Always ensure proper handling and installation to prevent damage to the product or injury. Professional installation is recommended. Disconnect the vehicle's battery before any electrical work. Ensure all wiring is correctly connected and insulated to prevent short circuits. Avoid exposing the tweeters to excessive moisture or extreme temperatures.

WHAT'S IN THE BOX

- Tweeter (2)
- Capacitor (2)
- Manual (1)

SPECIFICATIONS

Feature	Specification
Model Name	PRO-TW120B

Speaker Type	Tweeter
Material	Aluminum
RMS Power	200 Watts
MAX Power	300 Watts
Impedance	4 Ohms
Frequency Response	2KHz - 20KHz
Sensitivity	103dB
Voice Coil Diameter	1 inch
Product Dimensions	3.3"D x 3.3"W x 1.94"H
Item Weight	2.5 Pounds
Included Components	Capacitor(2), Manual, Tweeter(2)

SETUP AND INSTALLATION

The DS18 PRO-TW120B Super Tweeters are designed for easy integration into your car audio system. Their slim profile (1.65" deep) allows for versatile placement. Each tweeter includes a built-in capacitor that acts as a passive crossover, protecting the tweeter from damaging low frequencies.

Wiring

- Connect the positive (+) terminal of the tweeter to the positive (+) output of your amplifier.
- Connect the negative (-) terminal of the tweeter to the negative (-) output of your amplifier.
- Ensure the included capacitor is properly connected in line with the positive wire to filter out low frequencies.

Mounting

These tweeters are suitable for flush mount installations. Carefully select a mounting location that provides adequate clearance and allows for optimal sound dispersion. The compact design ensures a sleek appearance once installed.

SUPER TWEETER WITH BULLET



240W MAX
Power



4 Ohms



3.5" Super
Bullet Tweeter

DS18®

PRO-TW120B

Image: Front view of two DS18 PRO-TW120B Super Tweeters, highlighting their bullet design.



Image: Side profile of a DS18 PRO-TW120B Super Tweeter, illustrating its slim design for easy installation.



Image: Detailed dimensions of the DS18 PRO-TW120B Super Tweeter for precise installation planning.

Video: Unboxing and testing of the DS18 PRO-TW120 and PRO-TW120B Super Tweeters, demonstrating their sound quality.

OPERATING INSTRUCTIONS

Once installed, ensure your amplifier settings are appropriate for the tweeter's power handling (200W RMS, 300W Max). The built-in capacitor helps protect the tweeter, but proper gain staging and crossover settings on your amplifier are crucial for optimal performance and longevity. Avoid overdriving the tweeters, which can lead to distortion and damage.

Video: Overview of the DS18 PRO-TW120B Super Tweeter, highlighting its features and specifications for optimal operation.

MAINTENANCE

To maintain the performance and appearance of your DS18 PRO-TW120B tweeters, regularly clean them with a soft, dry cloth. Avoid using harsh chemicals or abrasive materials. In case of voice coil damage, the design allows for easy disassembly and replacement, extending the lifespan of your tweeters.



Image: Close-up view of the tweeter's voice coil, illustrating its design for easy replacement.

TROUBLESHOOTING

If you experience issues with your tweeters, consider the following:

- **No Sound:** Check all wiring connections for proper contact and polarity. Ensure the amplifier is powered on and functioning correctly. Verify the audio source is active.
- **Distorted Sound:** Reduce the amplifier gain or head unit volume. Check for proper crossover settings to prevent low frequencies from reaching the tweeter. Inspect the voice coil for any visible damage.
- **Intermittent Sound:** Inspect wiring for loose connections or frayed wires. Ensure the capacitor is securely connected.

If problems persist, consult a professional car audio technician.

WARRANTY AND SUPPORT

The DS18 PRO-TW120B Super Tweeter comes with a Limited Warranty. Please refer to the warranty card included in your package for specific terms and conditions. For technical support, product inquiries, or warranty claims, please contact DS18 customer service through their official website or authorized dealers.

