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› PIONEER TS-WX010A Under-Seat Subwoofer Instruction Manual

PIONEER TS-WX010A

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Model: TS-WX010A

1. INTRODUCTION

The Pioneer TS-WX010A amplified subwoofer is designed to enhance your car audio experience with powerful bass in a compact form factor. Its small size and high electrical efficiency make it an ideal upgrade for various vehicles, including electric and hybrid models, where space and power consumption are critical considerations. Featuring a built-in Class-D amplifier, the TS-WX010A simplifies installation by eliminating the need for an external amplifier, ensuring optimal power delivery and seamless integration into your vehicle's audio system.



Figure 1: Pioneer TS-WX010A Compact Powered Subwoofer

2. WHAT'S IN THE BOX

Verify that all items are present before beginning installation.

- (1) Compact Powered Subwoofer
- (1) Wire Harness
- (2) Floor Mounting Brackets
- (2) Mounting Brackets
- (4) Screws



Figure 2: Subwoofer unit and all included accessories.

3. SPECIFICATIONS

Feature	Detail
Brand	PIONEER
Model Number	TS-WX010A
Speaker Maximum Output Power	160 Watts
Frequency Response	20 Hz
Connectivity Technology	RCA
Audio Output Mode	Mono
Mounting Type	Under-Seat Mount
Enclosure Material	Aluminum
Additional Features	Bass Boost
Subwoofer Diameter	17 Centimeters
Color	Black
Control Method	Remote
Speaker Size	9 Inches
Woofer Diameter	8 Centimeters
Subwoofer Connectivity Technology	Wired

Feature	Detail
Connectivity Protocol	RCA
Power Source	Corded Electric
Input Voltage	12 Volts (DC)
Item Dimensions D x W x H	4.63"D x 9"W x 2.75"H
Item Weight	3.31 Pounds
Compatible Devices	Smartphone, MP3 Player, Laptop
Compatible with Vehicle Type	Car, Motorcycle, Truck

TS-WX010A DIMENSIONS

Pioneer

Subwoofer



Figure 3: Detailed dimensions of the TS-WX010A subwoofer.

4. SETUP AND INSTALLATION

The TS-WX010A is designed for flexible installation due to its compact size. It can be mounted vertically or horizontally, with optimal placement often found in the passenger side footwell, near the underside of the dashboard, or the center console. The unit features a full grille and down-firing structure for cone protection, ensuring durability in various interior placements.

4.1 Wiring Connections

The subwoofer supports both RCA and speaker-level inputs, allowing for easy integration with most factory or aftermarket radios. Connect the provided wire harness to the appropriate inputs on your vehicle's audio system and the subwoofer.

- **Power Connection:** Connect the yellow wire (12V constant) and blue wire (remote turn-on) to a 12V DC power source. Ensure proper grounding.
- **Audio Input:** Use either the RCA inputs for line-level signals or the speaker-level inputs for direct connection to speaker wires.



A small sub for an easy install.

TS-WX010A accepts both RCA and speaker level inputs for easy integration with aftermarket or factory audio systems.

Figure 4: Example installation of the TS-WX010A in a passenger footwell.

4.2 Mounting

Utilize the provided mounting brackets and screws to secure the subwoofer in your desired location. Ensure the mounting surface is stable and does not obstruct any vehicle controls or safety features.

Your browser does not support the video tag.

Video 1: Official Pioneer TS-WX010A Product Overview. This video demonstrates the compact size and potential installation locations of the subwoofer.

5. OPERATING THE SUBWOOFER

The TS-WX010A features a remote control for convenient adjustment of audio settings.

5.1 Controls

- **Gain Control:** Adjusts the overall output level of the subwoofer.
- **Low-Pass Crossover (50Hz – 125Hz):** Allows customization of the subwoofer's frequency range to blend seamlessly with your main speakers.
- **Phase Control:** Adjusts the phase of the subwoofer output to match the main speakers, ensuring optimal bass response.
- **Bass Boost:** Provides an additional boost to low frequencies for a more pronounced bass impact.

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Video 2: Product Overview Video. This video highlights the features and controls of the Pioneer TS-WX010A subwoofer.

6. MAINTENANCE

To ensure optimal performance and longevity of your Pioneer TS-WX010A subwoofer, follow these general maintenance guidelines:

- Keep the unit clean and free from dust and debris. Use a soft, dry cloth for cleaning.
- Periodically check all wiring connections to ensure they are secure and free from corrosion.
- Avoid exposing the subwoofer to extreme temperatures or moisture.

7. TROUBLESHOOTING

If you experience issues with your TS-WX010A subwoofer, consider the following basic troubleshooting steps:

- **No Sound:** Check all power and ground connections. Ensure the remote turn-on wire is receiving a signal. Verify audio input connections (RCA or speaker level).
- **Distorted Sound:** Reduce the gain setting on the subwoofer. Check the low-pass crossover setting to ensure it is appropriate for your system. Verify that the input signal from your head unit is not distorted.
- **Weak Bass:** Increase the gain setting. Adjust the phase control. Check the bass boost setting. Ensure the subwoofer is properly mounted and not obstructed.

For more detailed troubleshooting, refer to the full owner's manual.

8. WARRANTY AND SUPPORT

The Pioneer TS-WX010A Under-Seat Subwoofer comes with a **1-year limited warranty**. For warranty claims, technical support, or to access the complete owner's manual, please visit the official Pioneer website or contact Pioneer customer service.

9. SAFETY INFORMATION

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

Always observe general safety precautions when installing and operating the product. Ensure the product is installed in a location that does not interfere with safe vehicle operation or impair the performance of the vehicle's operating systems, including air bags, controls, and lights.