

SCION PT546-00111

Scion Pioneer Standard Audio System PT546-00111 User Manual

Model: PT546-00111

1. INTRODUCTION AND OVERVIEW

This manual provides detailed instructions for the installation, operation, and maintenance of your Scion Pioneer Standard Audio System, model PT546-00111. This system is designed to enhance your in-car audio experience with powerful sound output and various connectivity options. Please read this manual thoroughly before using the product to ensure proper function and longevity.

2. PRODUCT FEATURES

- **High Power Output:** Delivers 300 watts of audio power.
- **Multi-Speaker Support:** Designed for eight dynamic speakers.
- **Touchscreen Interface:** Intuitive control via a responsive touchscreen.
- **XM Satellite Radio Ready:** Supports XM services (subscription required).
- **Versatile Connectivity:** Includes Auxiliary, Ethernet, HDMI, and USB ports.
- **Surround Sound:** 7.1 Surround Sound Channel Configuration.
- **Compatibility:** Specifically fits 2011 Scion tC and 2010 Scion xD models.

3. SAFETY INFORMATION

To ensure safe operation and prevent damage, observe the following precautions:

- **Professional Installation Recommended:** Due to the complexity of vehicle electrical systems, professional installation by a qualified technician is strongly advised.

- **Avoid Moisture:** Do not expose the unit to water or excessive moisture.
- **Proper Ventilation:** Ensure adequate ventilation around the unit to prevent overheating.
- **Power Supply:** Connect the unit only to a 12V DC negative ground power supply.
- **Wiring:** Ensure all wiring is correctly connected and insulated to prevent short circuits.

4. SETUP AND INSTALLATION

This audio system is designed for specific Scion models: the 2011 Scion tC and 2010 Scion xD. Professional installation is highly recommended to ensure correct wiring and integration with your vehicle's electrical system.

4.1 Rear Panel Connections



Figure 1: Rear panel of the audio system, illustrating the wiring harness connectors, RCA ports, and antenna input. The rear panel features multiple connectors for power, speakers, auxiliary input/output, and antenna. Refer to your vehicle's wiring diagram and the system's installation guide (if provided separately) for precise connections. Key connections include:

- **Power Harness:** Connects to the vehicle's power supply (constant 12V, ignition 12V, ground).
- **Speaker Harness:** Connects to the vehicle's speaker wiring.
- **Antenna Input:** For radio reception.
- **RCA Outputs:** For connecting external amplifiers or subwoofers.

- **USB/AUX Inputs:** For connecting external media devices.

4.2 General Installation Steps

1. **Disconnect Battery:** Always disconnect the vehicle's negative battery terminal before beginning installation.
2. **Remove Old Unit:** Carefully remove the existing audio unit from the dashboard.
3. **Connect Wiring:** Connect the new audio system's wiring harnesses to the vehicle's corresponding connectors. Ensure all connections are secure.
4. **Mount Unit:** Securely mount the new audio system into the dashboard opening.
5. **Reconnect Battery:** Reconnect the vehicle's negative battery terminal.
6. **Test Functionality:** Turn on the vehicle and test all functions of the audio system.

5. OPERATING INSTRUCTIONS

Familiarize yourself with the front panel controls and touchscreen interface for optimal use.

5.1 Front Panel Controls



Figure 2: Front panel of the audio system, highlighting the power button, multi-function selector, display, and various source/preset buttons.

- **PWR (Power) Button:** Press to turn the unit on or off.
- **Multi Function Selector / Vol:** Rotate to adjust volume. Press to access menu options.
- **FM 1/2, AM/SAT, DISC, iPod/USB, AUX Buttons:** Select desired audio source.
- **Preset Buttons (1-6):** Store and recall radio stations or other presets.
- **SSP (Sound Setting Preset) Button:** Access sound equalization settings.
- **TEXT Button:** Display text information (e.g., song title, artist).
- **SCAN Button:** Scan for radio stations.
- **LIST Button:** Browse lists (e.g., tracks on a USB device).
- **ESC Button:** Exit current menu or function.

5.2 Audio Playback

- **Radio (FM/AM):** Press the FM 1/2 or AM/SAT button to select the radio band. Use the tuning controls or scan function to find stations.
- **CD/Disc:** Insert an audio CD into the disc slot. The unit will automatically begin playback.
- **iPod/USB:** Connect your iPod or a USB storage device to the designated port. Select the iPod/USB source to access media files.
- **AUX:** Connect an external audio device (e.g., smartphone, MP3 player) to the auxiliary input using a 3.5mm audio cable. Select the AUX source.

5.3 XM Satellite Radio

To access XM Satellite Radio services, press the AM/SAT button. An active XM subscription is required. Follow the on-screen prompts to activate your service if it is not already active.

5.4 Touchscreen Interface

The touchscreen provides an interactive way to control various functions, navigate menus, and view information. Tap icons and options on the screen to make selections. Refer to the on-screen menus for specific functions like audio settings, source selection, and system configuration.

6. MAINTENANCE

Proper maintenance ensures the longevity and performance of your audio system.

- **Cleaning the Unit:** Use a soft, dry cloth to wipe the front panel and touchscreen. For stubborn dirt, dampen the cloth slightly with water. Do not use harsh chemicals or abrasive cleaners.
- **Disc Slot:** Keep the disc slot free of dust and debris. Avoid inserting foreign objects.
- **Connectivity Ports:** Ensure USB and AUX ports are clean and free of obstructions.

7. TROUBLESHOOTING

If you encounter issues with your audio system, refer to the table below for common problems and solutions.

Problem	Possible Cause	Solution
No power	Blown fuse; incorrect wiring; vehicle battery issue.	Check vehicle fuses and wiring connections. Ensure battery is charged. Consult a professional if necessary.
No sound	Volume too low; Mute activated; incorrect speaker wiring; source not selected.	Increase volume. Check if Mute is active. Verify speaker connections. Select the correct audio source.
Poor radio reception	Antenna not connected; weak signal area; antenna damage.	Ensure antenna is securely connected. Try moving to an area with better signal. Inspect antenna for damage.
Disc error	Dirty or scratched disc; incorrect disc format.	Clean the disc. Try a different disc. Ensure the disc format is supported.

Problem	Possible Cause	Solution
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USB/iPod not recognized	Incorrect connection; unsupported format; device issue.	Ensure device is properly connected. Check if the device's format is supported. Try a different USB device or cable.
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If the problem persists after attempting these solutions, please contact customer support or a qualified service technician.

8. SPECIFICATIONS

Feature	Specification
Model Number	PT546-00111
Brand	SCION
Manufacturer	Scion
Output Power	300 Watts
Number of Channels	3
Surround Sound Channel Configuration	7.1
Special Features	Touchscreen, XM services
Connectivity Technology	Auxiliary, Ethernet, HDMI, USB
Compatible Devices	Speaker
Item Weight	2.45 pounds
Package Dimensions	12.1 x 10.6 x 8.2 inches
Date First Available	June 15, 2013

9. WARRANTY AND SUPPORT

This product is covered by a manufacturer's warranty. Please refer to the warranty card included with your purchase for specific terms and conditions. For technical support, service, or warranty claims, please contact your authorized Scion dealer or the manufacturer's customer service department.

Online Resources: Visit the official Scion accessories website for additional support, FAQs, and updated information.

