

Generic ES-KS-TY-012

Qualcomm Car Radio Stereo User Manual

Model: ES-KS-TY-012 | Brand: Generic

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Qualcomm Car Radio Stereo. Designed specifically for Toyota Corolla models from 2014 to 2016, this advanced head unit features Android 13, a 10.1-inch QLED touch screen, GPS navigation, wireless CarPlay, Android Auto, Bluetooth 5.0, and AM/FM radio. Please read this manual thoroughly before use to ensure optimal performance and safety.

PRODUCT OVERVIEW

Key Features

- Compatibility:** Specifically designed for Toyota Corolla 2014, 2015, and 2016 models, supporting original car functions like steering wheel controls and sound systems. Features a 360° full viewing angle and adjustable screen brightness for day and night.
- High Performance:** Equipped with Android 13.0, a Qualcomm 3987 Octa-Core CPU, 4GB RAM, and 64GB ROM for powerful performance and fast response times.
- Superior Display:** 10.1-inch 1280x720 high-definition QLED display for clear visuals.
- Enhanced Audio:** Built-in Digital Signal Processor (DSP) for rich, clear sound and customizable audio settings.
- Smart Connectivity:** Supports wireless Apple CarPlay, Android Auto, and Mirror Link with Bluetooth 5.0 for seamless smartphone integration, including GPS navigation, hands-free calling, and access to apps via voice control (Siri/Google Assistant).
- Internet Access:** Supports 4G network and Wi-Fi connections for online navigation, video streaming (YouTube, Netflix), and app downloads.

Visual Representation



Image: The main product unit, showcasing the 10.1-inch QLED display with navigation, radio, and app icons. Also includes a rearview camera and a smartphone demonstrating wireless CarPlay/Android Auto functionality.



Carplay / Auto / Mirror Link

Built in DSP Surround sound



Wifi/4G Online/Offline

Bluetooth/GPS/APP

Image: A visual summary of the head unit's core features: CarPlay/Android Auto/Mirror Link, Built-in DSP Surround sound, Wifi/4G Online/Offline capabilities, and Bluetooth/GPS/APP support.

PACKAGE CONTENTS

Upon opening the package, please verify that all components are present:

- In-dash Head Unit (Qualcomm Car Radio Stereo)
- Wiring Harness Cables
- CANBUS Decoder
- Frame Panel
- Instruction Book
- Additional Cables (as required for specific connections)

INSTALLATION

The installation of this head unit requires careful attention to wiring and fitting. It is recommended to consult the included instruction book for detailed, step-by-step guidance or seek professional installation if you are not familiar with car audio system wiring.

Installation Process Overview

1. Ensure the vehicle's power is off and the battery is disconnected.
2. Carefully remove the original car radio and trim panel.
3. Connect the provided wiring harness cables and CANBUS decoder to the vehicle's existing wiring and the new head unit.
4. Mount the new head unit into the dashboard using the provided frame panel.
5. Reconnect the battery and test the unit's functionality.

For specific wiring diagrams and fitting instructions, refer to the "Instruction Book" included in your package.

Installation Effect



Image: Demonstrates the visual transformation of the car's dashboard, showing the original setup ("Before Installation") and the integrated Qualcomm Car Radio Stereo ("After Installation").

Android 13

Octa Core CPU / 4GB RAM&64GB ROM

QLED Screen 1280*720

For Toyota Corolla 2014-2016



Image: The head unit seamlessly integrated into the dashboard of a Toyota Corolla (2014-2016 model), displaying the Android 13 interface with various app icons.

OPERATION

The Qualcomm Car Radio Stereo operates on an intuitive Android 13 touch screen interface. Navigate through menus, launch applications, and control settings with simple taps and swipes.

User Interface Customization

The system offers 21 different user interface (UI) sets that can be switched freely to personalize your experience.

21 UI sets can be switched freely

Multiple style interface



Image: A collage of various user interface designs, demonstrating the 21 customizable UI sets available on the head unit.

CONNECTIVITY

Wireless CarPlay & Android Auto

Connect your smartphone wirelessly via Bluetooth 5.0 to access Apple CarPlay or Android Auto. This allows for seamless integration of your phone's features, including GPS navigation, hands-free calling, messaging, and music streaming, all controllable via the touch screen or voice commands (Siri/Google Assistant).

Mirror Link

Utilize Mirror Link to display your smartphone's screen directly on the head unit, providing access to a wider range of applications.

Wi-Fi & 4G Network

Connect to Wi-Fi hotspots or insert a 4G SIM card (if supported by your model) to access the internet directly from the head unit. This enables online navigation, streaming services like YouTube and Netflix, and downloading apps from the app store.

GPS Navigation

The built-in GPS module provides accurate navigation. You can use pre-installed maps or download your preferred navigation applications for both online and offline use.

AUDIO FEATURES

Digital Signal Processor (DSP)

The integrated DSP significantly enhances audio quality, delivering rich and clear sound. Customize your listening experience with various sound settings, including a 16-band equalizer, loudness, delay, and balance controls.



Image: The DTS HiFi audio interface, showing detailed equalizer settings with multiple frequency bands for precise sound customization.

FM Radio

The built-in FM/AM tuner allows you to search for and listen to your favorite radio stations. Enjoy real-time radio broadcasts and save preferred channels for quick access.



FM Radio

Support searching for any channel, you can listen to music, listen to radio, listen to real-time radio.



Image: The FM Radio interface displayed on the head unit, showing frequency tuning, favorite stations, and a visual representation of audio levels.

TROUBLESHOOTING

If you encounter any issues with your Qualcomm Car Radio Stereo, please refer to the following common troubleshooting tips. For more complex problems, consult the detailed instruction book or contact customer support.

- **No Power:** Check all power connections and fuses. Ensure the vehicle's battery is properly connected and charged.
- **No Sound:** Verify speaker connections. Check audio settings (volume, mute, DSP settings). Ensure the correct audio source is selected.
- **GPS Signal Issues:** Ensure the GPS antenna is properly installed and has a clear view of the sky. Try moving the vehicle to an open area.
- **Bluetooth Connection Problems:** Ensure Bluetooth is enabled on both the head unit and your smartphone. Delete previous pairings and try reconnecting.
- **CarPlay/Android Auto Not Connecting:** Verify your phone's operating system is up to date. Ensure the correct USB cable (if wired) or strong wireless connection is established.
- **Touch Screen Unresponsive:** Try restarting the unit. If the issue persists, a factory reset might be necessary (refer to the instruction book for steps).

SPECIFICATIONS

Feature	Detail
Item Weight	4.52 pounds
Package Dimensions	12.99 x 7.9 x 7.6 inches
Item Model Number	ES-KS-TY-012
Display Size	10.1 Inches
Operating System	Android 13.0
Processor	Qualcomm 3987 Octa-Core CPU
RAM	4GB
ROM	64GB
Screen Resolution	1280x720 QLED
Bluetooth Version	5.0
Connectivity Technology	Bluetooth, Wi-Fi, USB, 4G Network
Special Features	Touchscreen, Bluetooth, Wireless CarPlay, Android Auto, Mirror Link, DSP, GPS Navigation
Vehicle Service Type	Car (Toyota Corolla 2014-2016)

WARRANTY AND SUPPORT

Your Qualcomm Car Radio Stereo comes with a **2-year warranty** from the date of purchase, covering manufacturing defects and malfunctions under normal use.

For any questions regarding installation, wiring, assembly, operation, or connection errors, please do not hesitate to contact our customer support. Ensure you have your product model number (ES-KS-TY-012) and purchase details ready when contacting support.

Please note: The warranty does not cover damage caused by improper installation, misuse, accidents, or unauthorized modifications.

