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 - > Erisin 8-Core Android 14 Car Stereo User Manual for Ford Vehicles

erisin Erisin 8-Core Android 14 4GB+64GB Car Stereo

Erisin 8-Core Android 14 Car Stereo User Manual

Model: 8-Core Android 14 4GB+64GB Car Stereo

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Erisin 8-Core Android 14 Car Stereo. Please read this manual thoroughly before using the product to ensure proper functionality and safety. This unit features a 7-inch IPS touchscreen, Android 14 operating system, 8-core CPU, 4GB RAM, 64GB ROM, built-in GPS, wireless Apple CarPlay, Android Auto, Bluetooth 5.0, Wi-Fi, and DSP.



Front view of the Erisin 8-Core Android 14 Car Stereo unit.

2. SPECIFICATIONS

Feature	Description
Operating System	Android 14.0
CPU	MT8667 1.5GHz*4+2.0GHz*4 64-bit 12nm Cortex 8* A53 (8-Core)
RAM	4GB
ROM	64GB
Display	7-inch IPS Capacitive Touchscreen

Connectivity	Wireless Apple CarPlay, Wireless/Wired Android Auto, Bluetooth 5.0, Wi-Fi (2.4GHz/5GHz), Ethernet, TF, USB
Audio Output	4*48W Stereo, Subwoofer Amplifier, DSP (16-band EQ)
Special Features	Built-in Canbus, DVD/CD Player, RDS Radio Tuner, Split Screen, GPS Navigation, Steering Wheel Control, Support for OBD2/DVR/TPMS/TV/DAB+
Panel Dimensions	188 mm (width) * 120 mm (height)

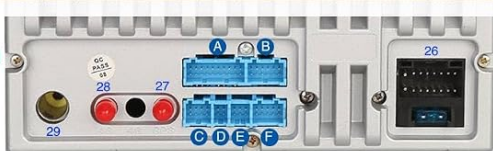
3. VEHICLE COMPATIBILITY

This car stereo is compatible with various Ford models. Please verify the panel dimensions (188mm x 120mm) and your car's original console design before installation.

- **Ford F150:** 2004-2008
- **Ford F250/F350:** 2006-2014
- **Ford E250/E350:** 2009-2014
- **Ford Shelby GT500:** 2007-2009
- **Ford Five Hundred:** 2005-2007
- **Ford Montego:** 2005-2007
- **Ford Milan:** 2006-2009
- **Ford Sable:** 2008-2009
- **Ford Mountaineer:** 2007-2010
- **Ford Fusion:** 2006-2009
- **Ford Taurus:** 2008-2009
- **Ford Escape:** 2008-2012
- **Ford Freestyle:** 2005-2007
- **Ford Freestar:** 2004-2007
- **Ford MKX:** 2007-2009
- **Ford Mark LT:** 2006-2008
- **Ford Edge:** 2007-2010
- **Ford Focus:** 2005-2007
- **Ford Mustang:** 2005-2009
- **Ford Explorer (U251):** 2006-2010
- **Ford Expedition:** 2007-2014
- **Ford Expedition EL/MAX (U354):** 2007-2014

Diagram

- A. Aux / RCA
- B. Option
- C. Audio-In R/L
- D. USB
- E. USB
- F. CAM-IN & Control



- | | | |
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| 6. AUX Video Input | 18. Special Port for OEM AUX Input | 26. 16pin Port for Power Cable |
| 7. External Microphone Jack | 19. Special Port for Power and Speakers | 27. GPS Antenna Port |
| 8. 4G Card Slot | 20. Special Port for Subwoofer, if your | 28. 4G Antenna Port |
| 9-10. USB Port for U-DISC, | original car stereo doesn't support | 29. Radio Antenna Port |
| 3G/4G-Dongle, USB-Camera, | Subwoofer, no need to use this port | |
| DAB-BOX, TPMS, Smartphone | 21. Reverse Control Cable | |
| 11. BT Antenna | 22. K1 Signal Cable for SW-Control | |
| 12. Rear View Camera Input | | |

A1 connects to B2 as default, if your car has no CANBus, please connect A1 with B1

Accessories



Dimension



Ensure your car's original console matches the dimensions and design shown for proper fitment.

4. SETUP AND INSTALLATION

4.1 Pre-Installation Check

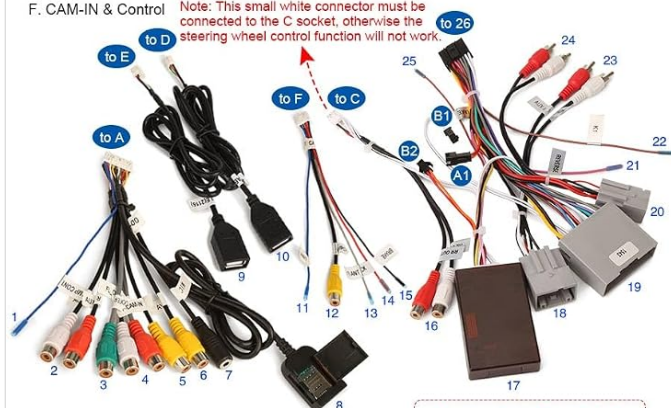
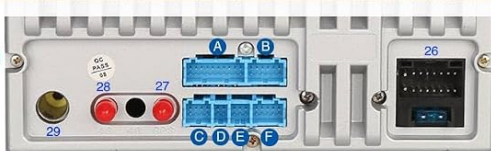
Before beginning installation, ensure all components are present and undamaged. Disconnect the vehicle's battery to prevent electrical shorts.

4.2 Wiring Diagram

Refer to the detailed wiring diagram below for correct connections. Incorrect wiring can damage the unit or your vehicle's electrical system.

Diagram

- A. Aux / RCA
- B. Option
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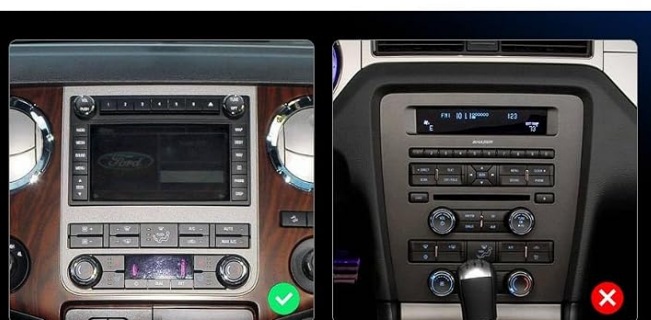


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Accessories



Dimension

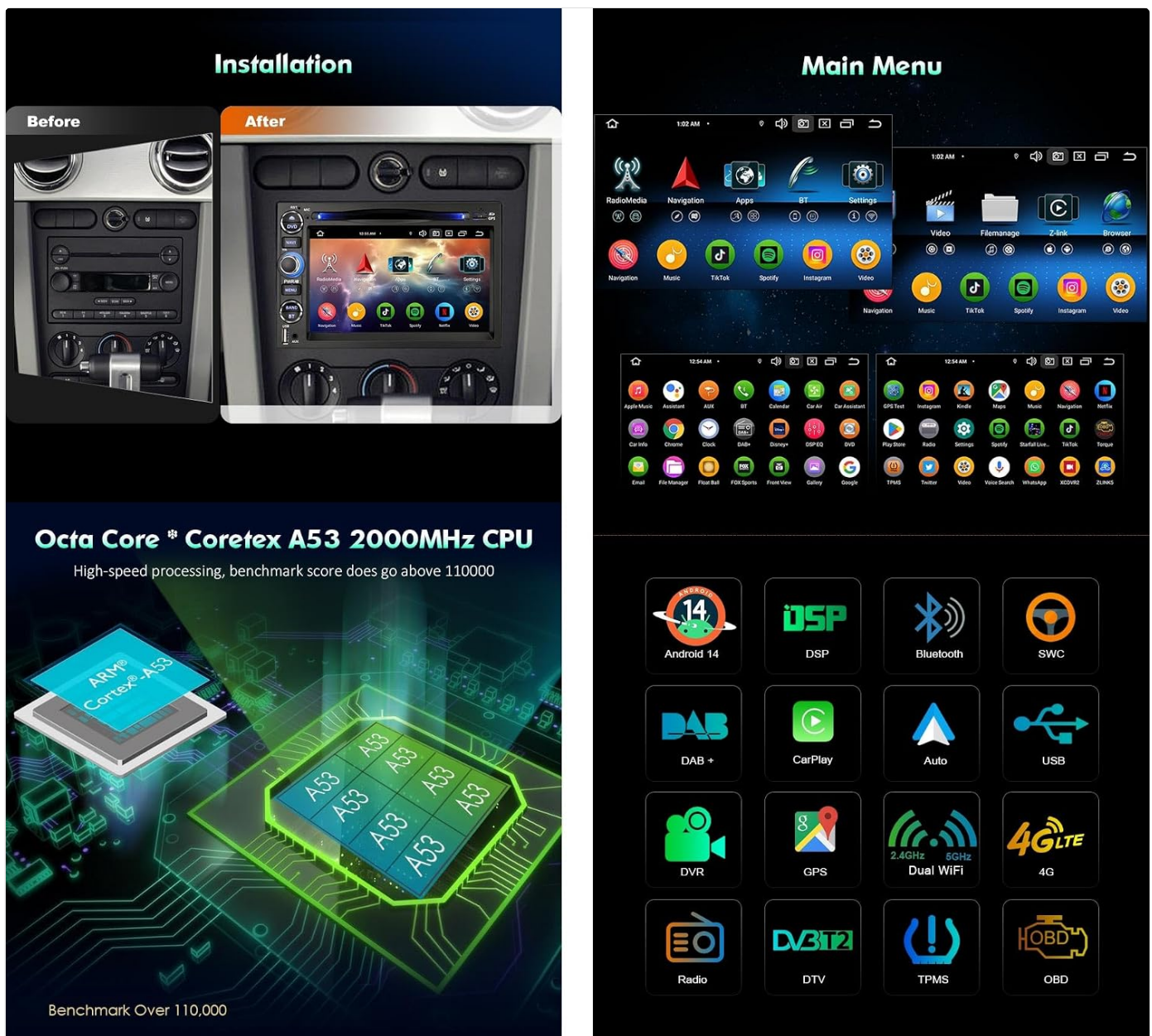


Please check the shape and dimensions of your car's centre console or original radio, if it looks like the picture to the right, then this unit will NOT fit your car.

Wiring diagram showing connections for AMP control, audio output, video input/output, USB, GPS, Wi-Fi, and other peripherals.

4.3 Installation Steps

- Carefully remove your vehicle's original radio unit.
- Connect the provided wiring harness to the car stereo and your vehicle's wiring. Pay close attention to the CANBUS decoder connection if your car requires it.
- Connect the GPS antenna, Wi-Fi antenna, and any optional accessories (e.g., rear camera, DVR).
- Mount the Erisin car stereo into the dashboard opening.
- Secure the unit using the provided brackets and screws.
- Reconnect the vehicle's battery and test the unit's functionality.



Visual comparison of the dashboard before and after the car stereo installation.

5. OPERATING INSTRUCTIONS

5.1 Android 14 System Overview

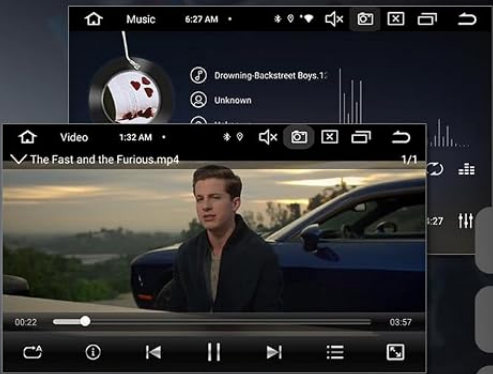
The unit runs on Android 14, providing a fluid and responsive user experience. It supports quick boot-up and features an IPS capacitive touchscreen. The 8-core CPU ensures efficient multitasking.

5.2 GPS Navigation

The car stereo includes built-in GPS functionality. You can use pre-installed offline maps or download online navigation apps like Waze and Sygic from the Google Play Store. Navigation can run simultaneously with music or radio playback.

Support Playing USB/TF/DVD

Enjoy your journey with Erisin Car stereo



Allows playing HD video, image, music, files, etc. from USB/TF/DVD/CD

Reversing Camera Input

Connect a Reversing Camera (optional) to ensure your reverse safety, Support 720P-25FPS / 720P-30FPS / 1080P-25FPS / 1080P-30FPS AHD Reversing Camera



Safe area planning
Body position reference
Large Angle Imaging

Optional

DVR Input

Connect a USB-DVR (optional) to capture events that occur while driving

Large screen real-time display



Optional

Built-in Radio Tuner

Support FM/AM and with RDS functions



Digital Audio Broadcasting Input

Connect a DAB-Receiver (optional) to add digital channels to your Radio



DAB+ DAB

Optional

Example of the GPS navigation interface displaying a map with route information.

5.3 Wireless Apple CarPlay & Android Auto

Connect your iPhone via Bluetooth for wireless Apple CarPlay or your Android phone via Bluetooth/USB for wireless/wired Android Auto. This allows access to phone calls, music, navigation, and other apps safely while driving.



Built-in Bluetooth 5.0

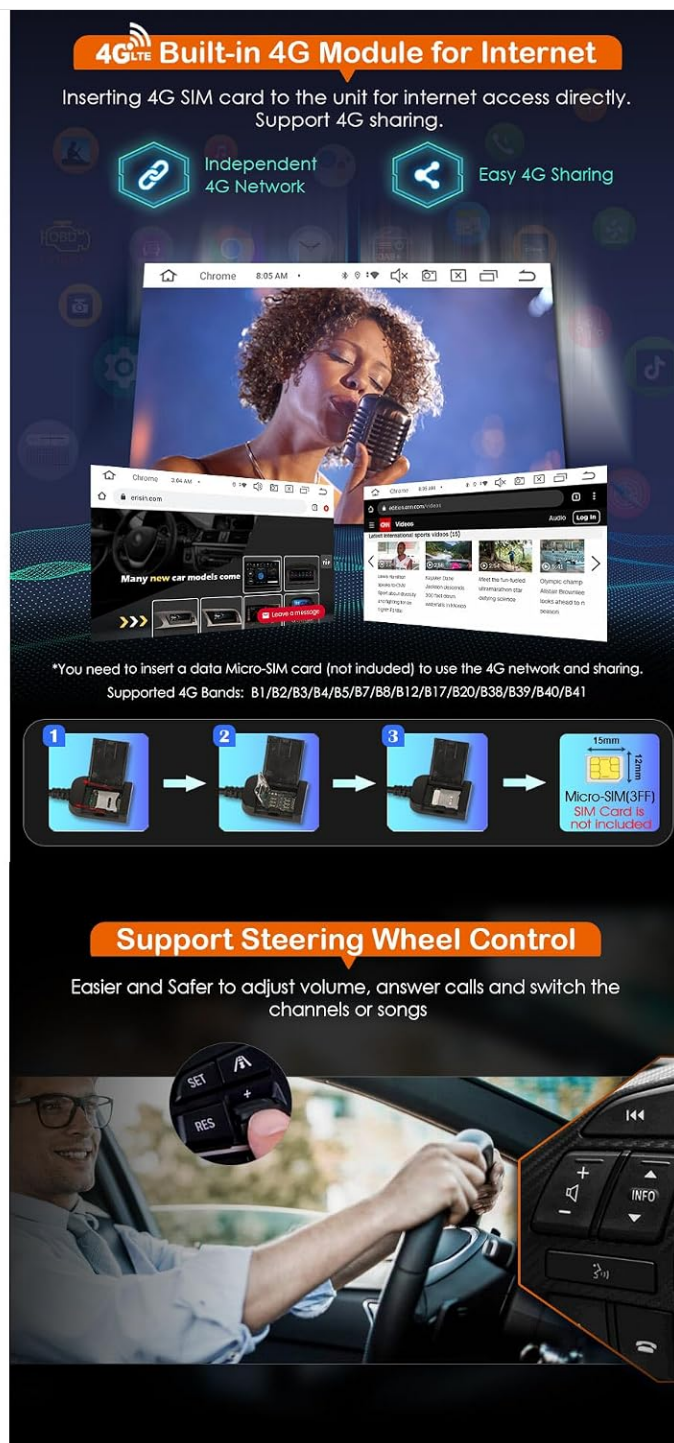
Hands-free Calls Sync Contact BT-Music

Built-in Dual Band Wi-Fi for Internet

Support 2.4GHz and 5GHz WiFi networking, stable / high speed / less interference

2.4GHz	5GHz
300Mbps	867Mbps
2.4GHz Stronger signal reflection ability, less energy loss, suitable for longer distances	5GHz Larger data and faster speed transfer, less interference, suitable for shorter distances

Icons: Email, Photos, HD/3D, Gamepad, Wi-Fi, Bluetooth, and a road perspective.



4G^{LTE} Built-in 4G Module for Internet

Inserting 4G SIM card to the unit for internet access directly. Support 4G sharing.

Independent 4G Network Easy 4G Sharing

*You need to insert a data Micro-SIM card (not included) to use the 4G network and sharing.
Supported 4G Bands: B1/B2/B3/B4/B5/B7/B8/B12/B17/B20/B38/B39/B40/B41

1. Insert SIM card into the slot.
2. Close the SIM card cover.
3. The unit is ready for use.

Micro-SIM(3FF) SIM Card is not included

Support Steering Wheel Control

Easier and Safer to adjust volume, answer calls and switch the channels or songs

Icons: Phone, Music, Video, and a steering wheel with controls.

Screenshots demonstrating the Apple CarPlay and Android Auto interfaces. For connection assistance, refer to the guide at [this link](#).

5.4 Digital Sound Processor (DSP)

The integrated DSP features a 16-band equalizer, allowing you to customize audio settings to your preference and vehicle acoustics for an optimized listening experience.



The DSP interface showing the 16-band equalizer for audio adjustments.

5.5 Bluetooth 5.0

Bluetooth 5.0 enables hands-free calling, audio streaming (BT-Music), and contact synchronization, enhancing driving safety and convenience.

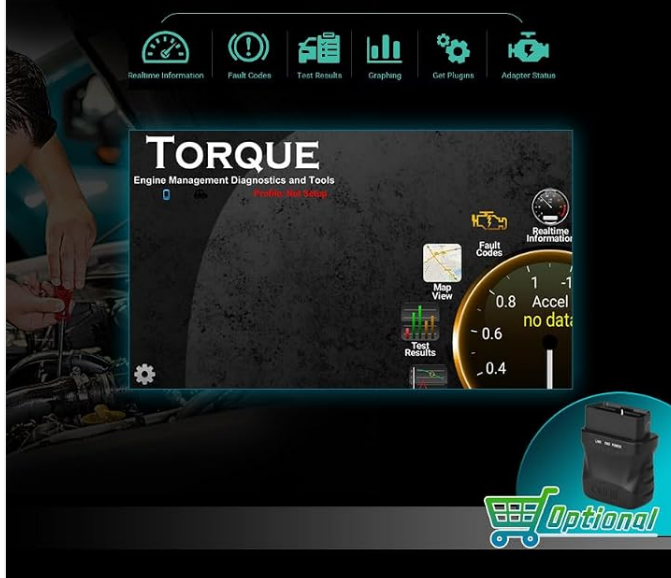
Video Output

Connect a USB-RCA-Converter (optional) to share Video/Screen-Display with your passenger



Support Torque Pro (OBD2)

Connect an OBD2 Scan Tool (optional) to diagnose your car status



Digital TV Input

Connect a DVB-T/T2 Box (optional) to watch digital TV in your journey



TPMS Monitor

Connect a TPMS Module (optional) to monitor your tire pressure and temperature



Bluetooth interface displaying connection status, call history, and music playback controls.

5.6 Wi-Fi and 4G Module

The unit supports dual-band Wi-Fi (2.4GHz and 5GHz) for stable internet access. An optional 4G module allows for mobile data connectivity by inserting a micro-SIM card (not included).

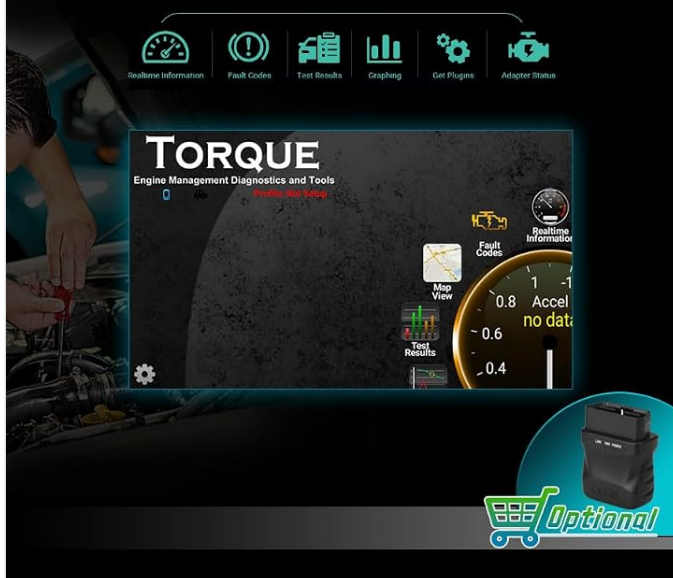
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Connect a TPMS Module (optional) to monitor your tire pressure and temperature



Information on dual-band Wi-Fi and the 4G module for internet access.

5.7 Steering Wheel Control

The unit supports steering wheel controls, allowing you to manage music playback, volume, and calls without taking your hands off the wheel.

Video Output

Connect a USB-RCA-Converter (optional) to share Video/Screen-Display with your passenger



Support Torque Pro (OBD2)

Connect an OBD2 Scan Tool (optional) to diagnose your car status



Digital TV Input

Connect a DVB-T/T2 Box (optional) to watch digital TV in your journey



TPMS Monitor

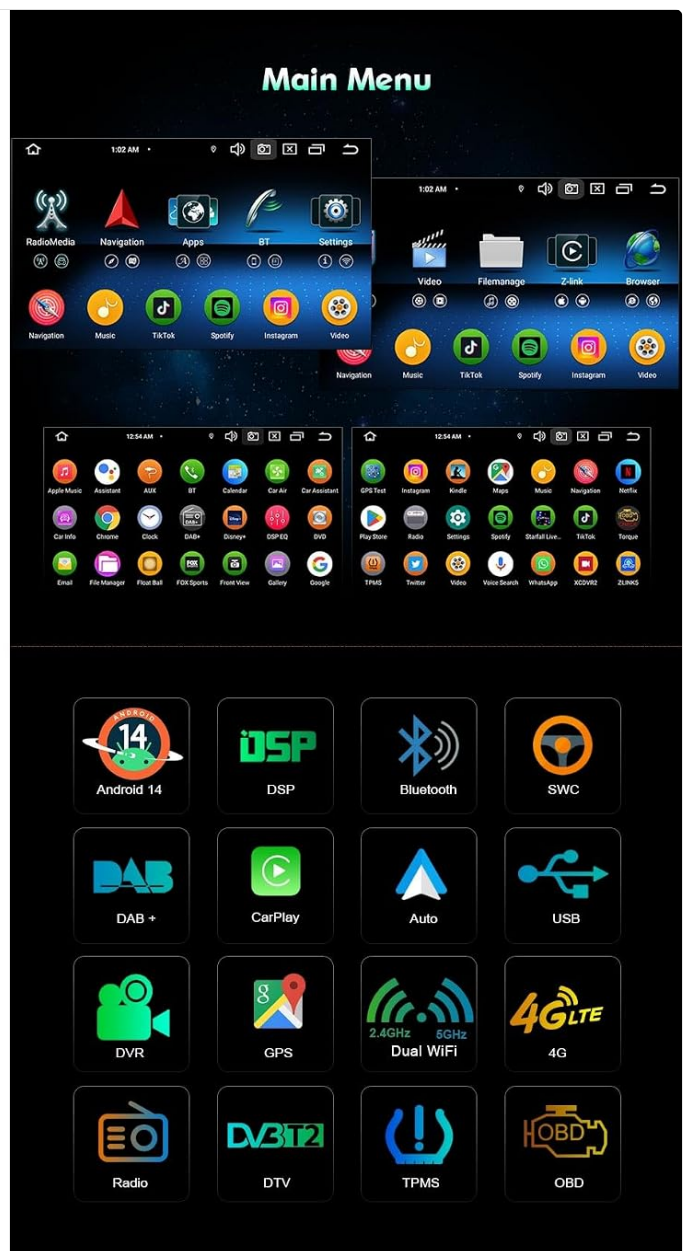
Connect a TPMS Module (optional) to monitor your tire pressure and temperature



Diagram illustrating how steering wheel controls can be used with the car stereo.

5.8 Media Playback (DVD/USB/TF)

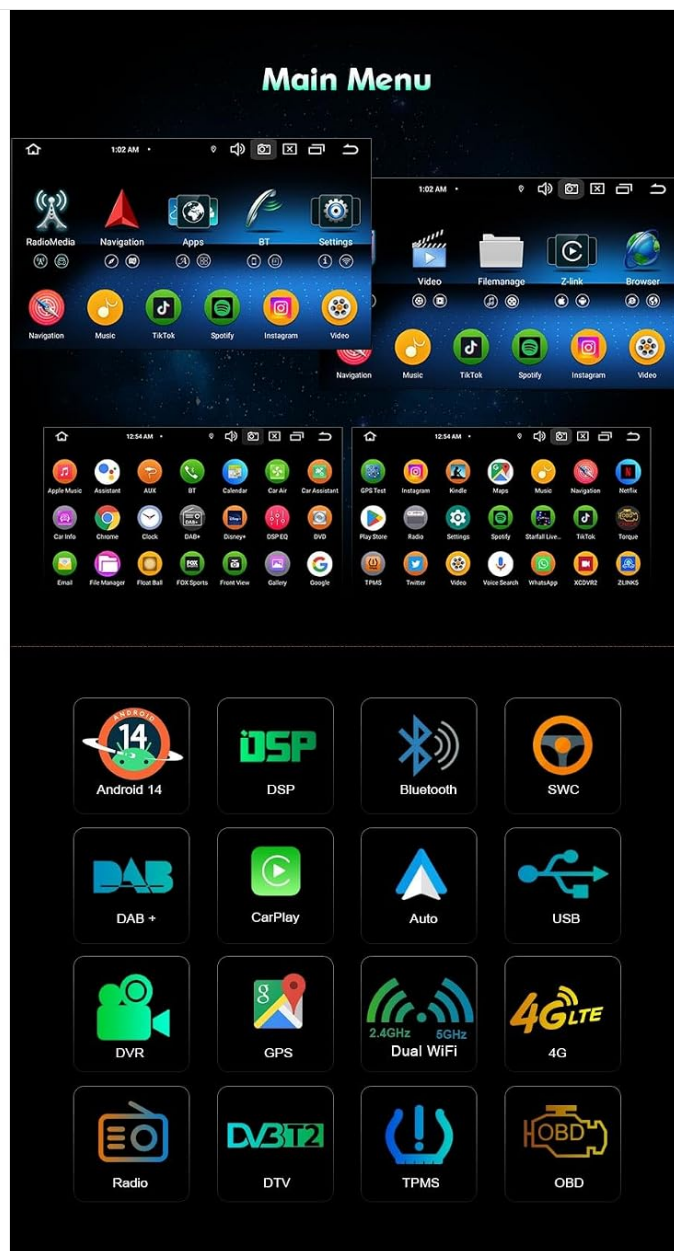
The unit features a DVD/CD player and supports media playback from USB drives and TF cards, including HD video, images, and music files.



Interface showing video playback from USB/TF/DVD sources.

5.9 Radio Tuner (RDS)

The built-in radio tuner supports FM/AM frequencies with RDS functions, providing station information and enhanced listening.



Radio interface displaying frequency and RDS information.

5.10 Optional Features

- **DVR Input:** Connect an optional DVR to record driving footage.
- **Reversing Camera Input:** Supports various AHD reversing cameras for enhanced parking safety.
- **DAB+ Input:** Connect an optional DAB+ module for digital audio broadcasting.
- **Video Output:** Connect an optional USB-RCA converter to share video content with rear displays.
- **Digital TV Input:** Connect an optional DVB-T/T2 box for digital TV reception.
- **Torque Pro (OBD2) Support:** Connect an optional OBD2 scan tool to diagnose car status.
- **TPMS Monitor:** Connect an optional TPMS module to monitor tire pressure and temperature.

Installation

Before

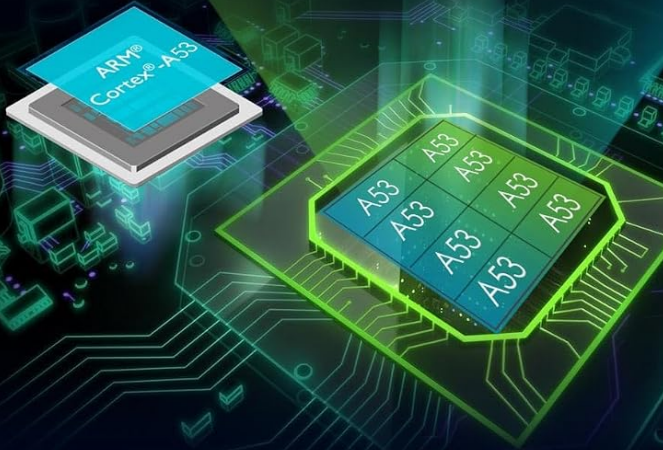


After



Octa Core * Cortex A53 2000MHz CPU

High-speed processing, benchmark score does go above 110000



Benchmark Over 110,000

Main Menu

1:02 AM



1:02 AM



12:54 AM



12:54 AM





Android 14



DSP



Bluetooth



SWC



DAB +



CarPlay



Auto



USB



DVR



GPS



2.4GHz
5GHz
Dual WiFi



4G
4G LTE



Radio



DTV



TPMS



OBD
HOBD

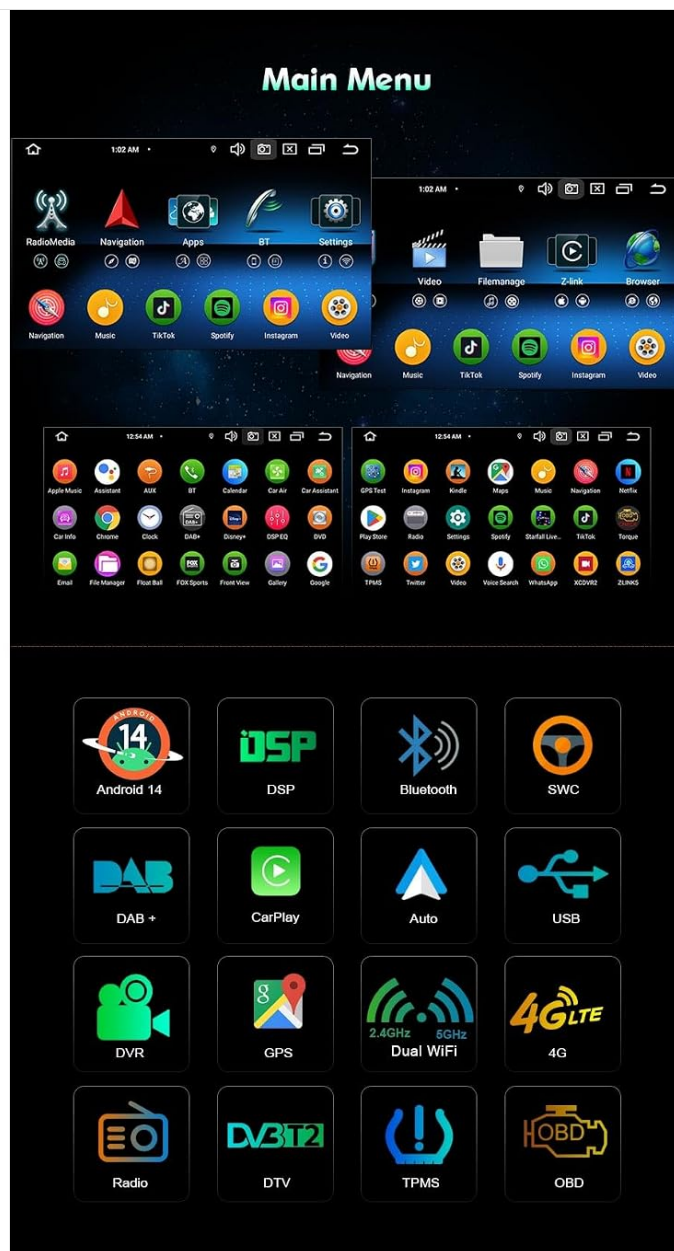
Visuals for optional DVR, reversing camera, and DAB+ connectivity.



Visuals for optional video output, digital TV, OBD2, and TPMS features.

6. MAIN MENU OVERVIEW

The main menu provides quick access to all major functions and applications. Icons are clearly labeled for easy navigation.



Screenshot of the main menu displaying various application icons.

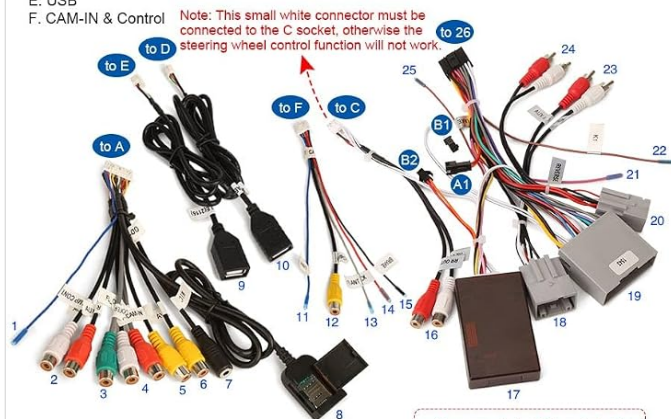
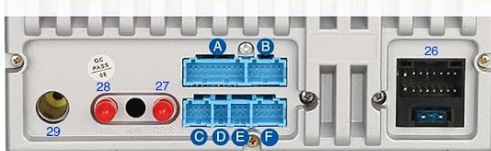
7. ACCESSORIES

The package includes essential accessories for installation and operation.

- User's Manual (English)
- External Microphone
- Din to Fakra Radio Antenna Adapter Cable
- Din to ISO Radio Antenna Adapter
- Power Cable with Special Connector
- GPS Antenna
- Special CANBUS Decoder Box
- Camera Input and Control Cable
- 4G Antenna
- Rear USB Adapter Cables
- RCA AV Connecting Cable

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A visual representation of the accessories included with the Erisin car stereo.

8. TROUBLESHOOTING

If you encounter issues, refer to the following common problems and solutions:

- **No Power:** Check all power connections, fuses, and ensure the vehicle's battery is charged.
- **No Sound:** Verify speaker connections, volume settings, and ensure the amplifier (if external) is powered on.
- **GPS Not Working:** Ensure the GPS antenna is properly connected and has a clear view of the sky. Check GPS settings in the system.
- **Bluetooth Connection Issues:** Ensure Bluetooth is enabled on both the stereo and your device. Try unpairing and re-pairing the devices.
- **Touchscreen Unresponsive:** Try restarting the unit. If the issue persists, a factory reset might be necessary (note: this will erase all user data).
- **Unit Freezes:** Perform a soft reset by pressing the RST button (if available) or by disconnecting and reconnecting the power.

For persistent issues, contact customer support.

9. MAINTENANCE

To ensure the longevity and optimal performance of your car stereo:

- **Cleaning:** Use a soft, dry cloth to clean the screen and unit. Avoid abrasive cleaners or solvents.
- **Temperature:** Avoid exposing the unit to extreme temperatures.
- **Software Updates:** Periodically check for and install software updates to improve performance and add new features.
- **Dust and Debris:** Keep the unit free from dust and debris, especially around ventilation areas.

10. WARRANTY AND SUPPORT

This product comes with a standard manufacturer's warranty. Please refer to the warranty card included in your package for specific terms and conditions. For technical support, troubleshooting assistance, or warranty claims, please contact Erisin customer service through their official website or the retailer where the product was purchased.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

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