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> [YUNTX Android 14 Car Stereo User Manual for Toyota Fortuner Hilux \(2005-2007\)](#)

## YUNTX Android 14 2 Din Autoradio

# YUNTX Android 14 Car Stereo User Manual

MODEL: ANDROID 14 2 DIN AUTORADIO FOR TOYOTA FORTUNER HILUX (2005-2007)

## 1. Introduction

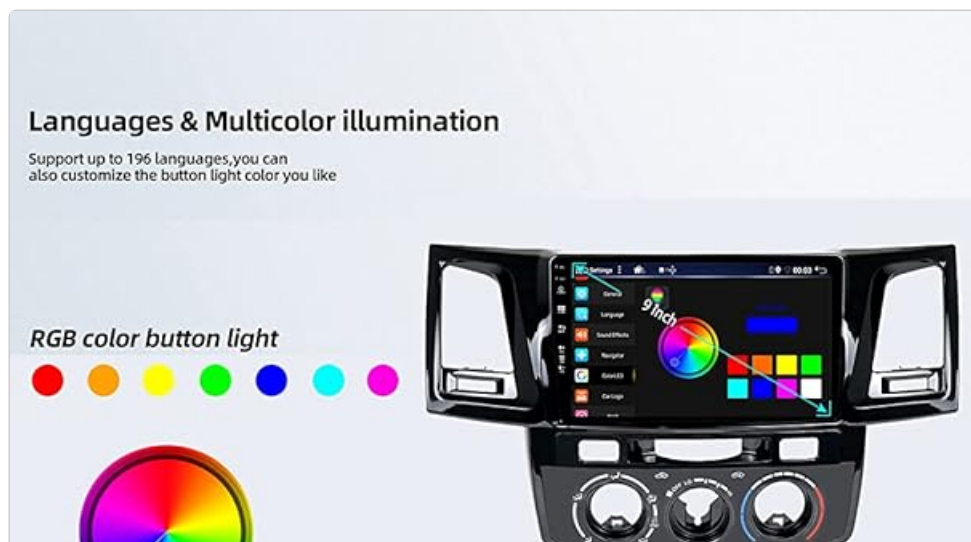
This manual provides detailed instructions for the installation, operation, and maintenance of your YUNTX Android 14 Car Stereo. This unit is specifically designed for Toyota Fortuner and Hilux models manufactured between 2005 and 2007, featuring an automatic air conditioner. Please read this manual thoroughly before installation and use to ensure proper functionality and safety.

## 2. Safety Information

- Always consult a professional for installation to avoid damage to the unit or vehicle.
- Do not operate the unit in a way that distracts you from driving. Always prioritize road safety.
- Avoid exposing the unit to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture.
- Do not attempt to disassemble or modify the unit. This may void the warranty and cause damage.
- Ensure all wiring is correctly connected to prevent short circuits or electrical hazards.

## 3. What's in the Box

Verify that all components listed below are present in your package:



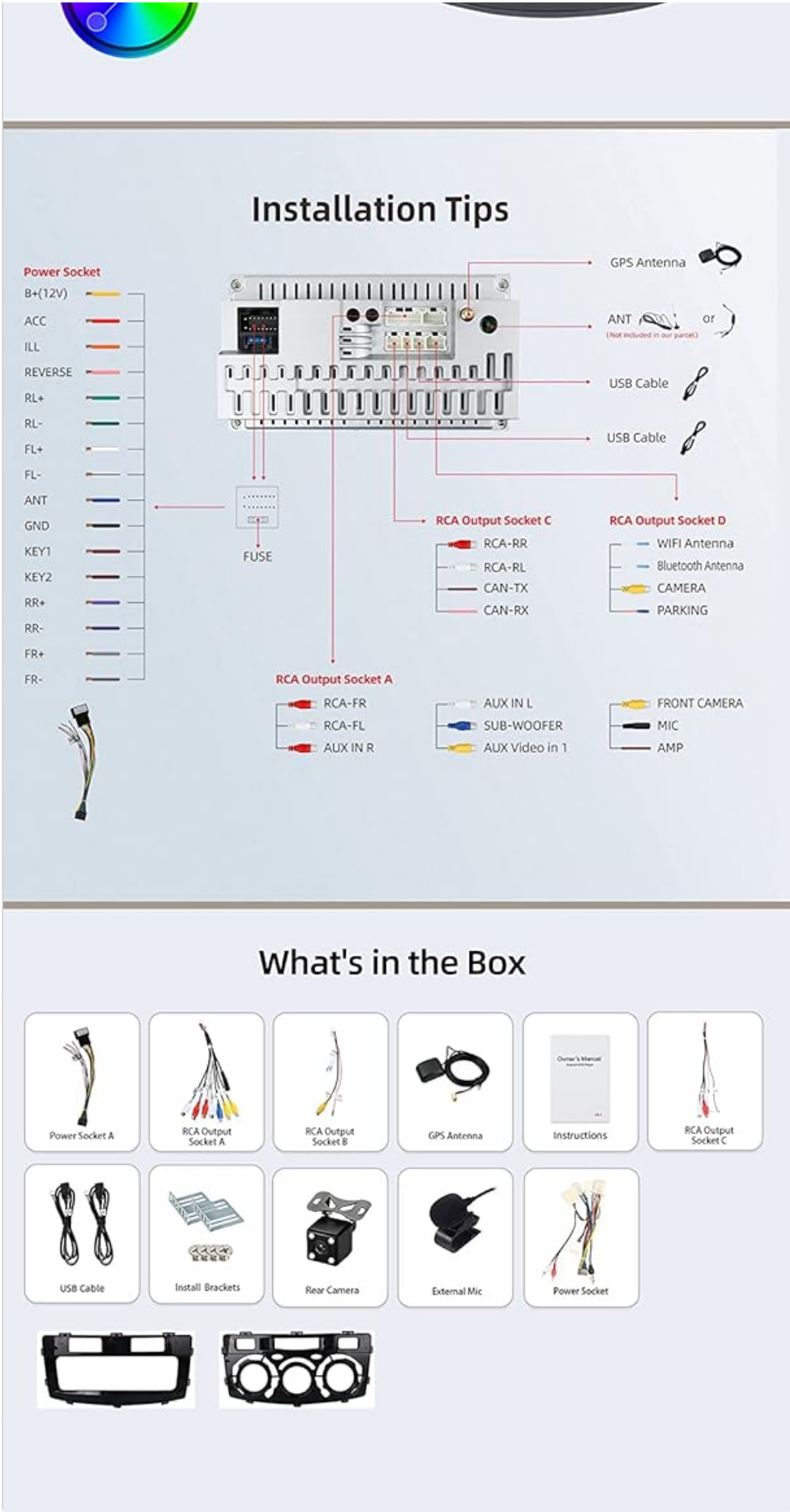


Image: Overview of the components included in the YUNTX Android 14 Car Stereo package. This includes various cables, antennas, and the main head unit.

- 1 x YUNTX Android 14 Car Stereo Head Unit
- 1 x Power Cable

- 1 x RCA Output Cable A
- 1 x RCA Output Cable B
- 1 x RCA Output Cable C
- 1 x RCA Output Cable D
- 1 x GPS Antenna
- 1 x USB Cable
- 1 x External Microphone
- 1 x Radio Antenna
- 1 x Backup Camera (4 LED)
- Installation Brackets
- User Manual (this document)

## 4. Installation Guide

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Professional installation is highly recommended for this car stereo. Incorrect wiring or installation can lead to damage to the unit or your vehicle's electrical system. Ensure the vehicle's battery is disconnected before starting the installation process.

### 4.1 Compatibility Check

This unit is compatible with Toyota Fortuner Hilux models (Automatic Air Conditioner) from 2005 to 2007. If you are unsure about compatibility, compare your vehicle's dashboard with the images provided or consult with a professional.



Toyota Fortuner Hilux 2005-2007



Before installation



After installation

Image: Comparison of the vehicle dashboard before and after the YUNTIX car stereo installation, showing the integrated fit for Toyota Fortuner Hilux 2005-2007 models.



## 4.2 Wiring Diagram

Refer to the detailed wiring diagram for correct connections. Each cable is labeled for its specific function.

**Languages & Multicolor illumination**

Support up to 196 languages, you can also customize the button light color you like

**RGB color button light**



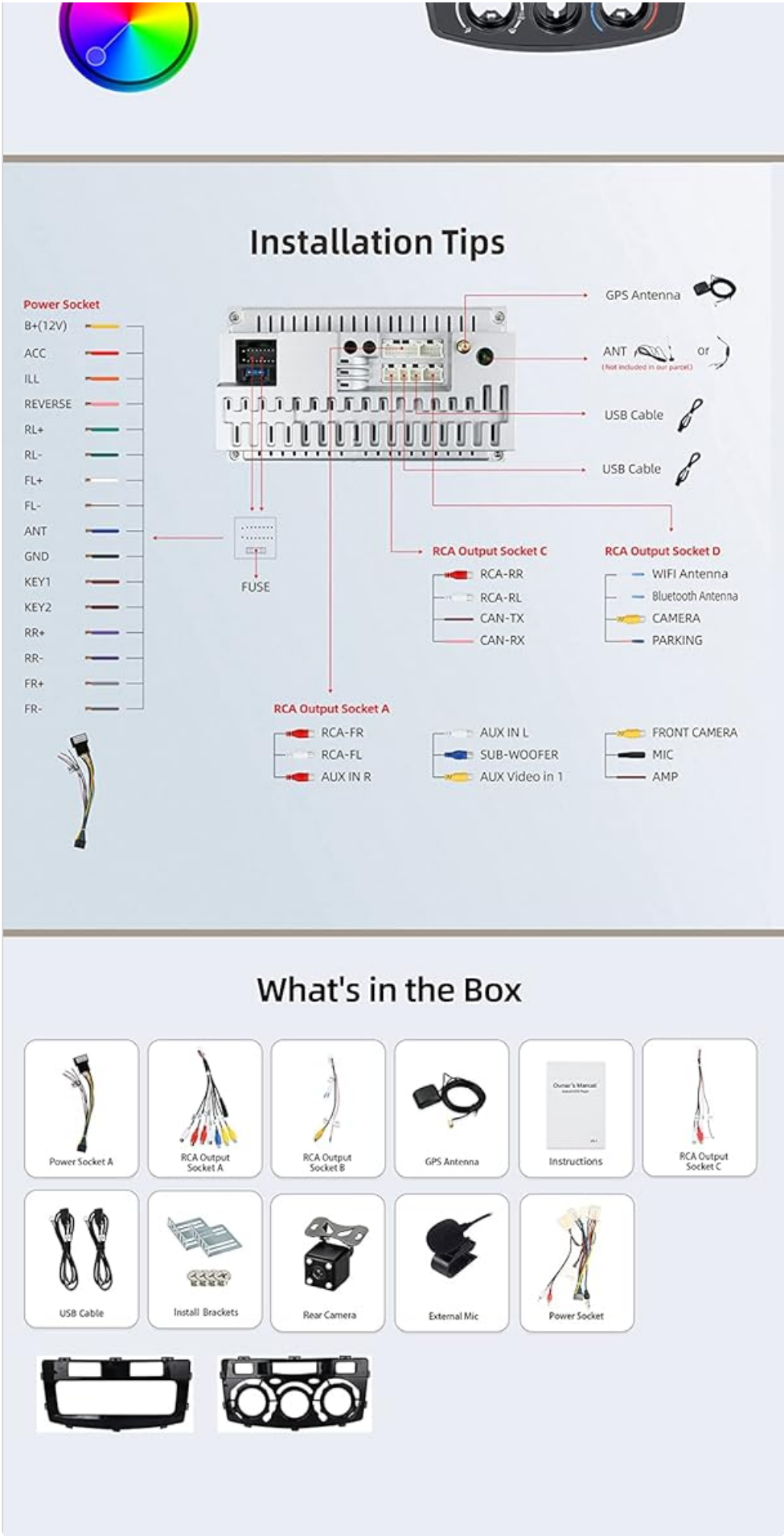


Image: A comprehensive wiring diagram illustrating the connections for the power socket, GPS antenna, USB cables, RCA output sockets (A, B, C, D), front camera, microphone, and amplifier.

- **Power Socket:** Connect the main power harness to the vehicle's power supply. Ensure ACC, B+ (12V), ILL,

Reverse, and Ground (GND) wires are correctly matched.

- **GPS Antenna:** Connect the GPS antenna and place it in a location with a clear view of the sky for optimal signal reception.
- **USB Cables:** Connect the provided USB cables for external storage or device connectivity.
- **RCA Output Sockets:** Connect external amplifiers, subwoofers, or additional video inputs/outputs as needed.
- **Backup Camera:** Connect the included backup camera to the designated input.
- **External Microphone:** Connect the external microphone for improved call quality.

## 5. Initial Setup

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After successful installation, power on the unit for the first time.

- **First Boot:** The system will perform a fast boot, typically less than 2 seconds.
- **Language and Time:** Follow the on-screen prompts to set your preferred language, time zone, and date.
- **Wi-Fi Connection:** Connect to an available Wi-Fi network to enable online features and software updates.

## 6. Operating Instructions

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### 6.1 Basic Functions

- **Power On/Off:** The unit powers on with the vehicle's ignition. Press and hold the power button for manual power off/on.
- **Volume Control:** Adjust volume using the physical knob or on-screen controls.
- **Touchscreen:** Navigate the interface using the 9-inch IPS touchscreen.

### 6.2 Built-in CarPlay & Android Auto

The unit supports both wired and wireless Apple CarPlay and Android Auto, allowing seamless integration with your smartphone for navigation, music, calls, and messaging.

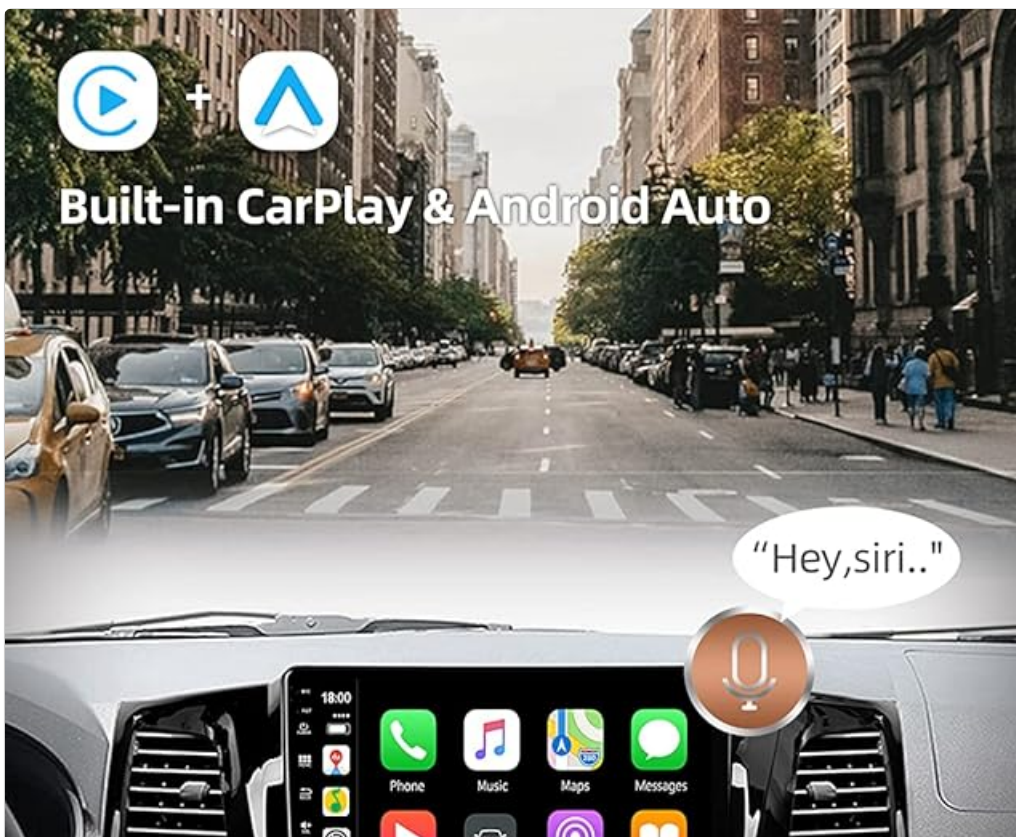




Image: The car stereo screen showing the user interface for Apple CarPlay and Android Auto, with icons for phone, music, maps, and messages.

- **Connection:** Connect your iPhone via USB for wired CarPlay, or wirelessly via Bluetooth and Wi-Fi. For Android Auto, connect your Android phone via USB or wirelessly.
- **Voice Control:** Use Siri (for CarPlay) or Google Assistant (for Android Auto) for hands-free operation.

### 6.3 Navigation (GPS)

The unit features built-in GPS with support for both online and offline navigation applications. It supports 3D maps and voice guidance.

- **Online Navigation:** Use pre-installed apps like Google Maps or download others from the Play Store (requires

internet connection).

- **Offline Maps:** Download maps for offline use to navigate without an internet connection.

## 6.4 Bluetooth 5.0

Bluetooth 5.0 enables hands-free calling and wireless audio streaming from your smartphone.



### Mirrorlink

Support MirrorLink for both Android & IOS smartphone



### Split screen Mode

Run two apps side by side



### Bluetooth 5.0

Stream music from your phone Hands-free calling when driving



**Fast-Boot**  
 The start time is less than 2 seconds,  
 Set fast boot as the video shows:  
[https://youtu.be/TNmWQoDz\\_-g](https://youtu.be/TNmWQoDz_-g)

Click on the ▶ 2.0s ▶ boot

Image: The car stereo screen showing Bluetooth music playback and a navigation map running concurrently, demonstrating multi-tasking capabilities.

- **Pairing:** Go to Bluetooth settings on the unit and your phone, search for the unit, and pair.
- **Hands-free Calling:** Make and receive calls directly from the unit. The external microphone ensures clear communication.
- **Music Streaming:** Play audio from your phone through the car stereo speakers.

### 6.5 Radio (AM/FM, RDS, DAB+)

The unit features an integrated AM/FM tuner with RDS (Radio Data System) for enhanced radio information.

**DAB+** Support **DAB+(optional)**

With the DAB+ antenna receiver, you can enjoy more of your favorite digital audio broadcasting radio channels with superior CD-like sound quality

**DAB+ receiver**  
 Built with RDS, support DAB+



Image: The car stereo screen showing the DAB+ radio interface with station information. An optional external DAB+ receiver is also pictured, which is required for DAB+ functionality.

- **AM/FM Tuning:** Scan and save your favorite radio stations.
- **RDS:** Displays station information, song titles, and traffic announcements where available.
- **DAB+ (Optional):** For digital radio broadcasting with CD-like sound quality, an external DAB+ tuner (B07NRD4T9D) is required.

## 6.6 Media Playback

Play audio and video files from various sources.

- **USB/SD:** Supports USB drives and SD cards up to 500GB.
- **Video Formats:** Supports 4K (3840x2160 pixels) and HD 1080P video playback (H.264, H.265/HEVC encoding).

## 6.7 Internet Connectivity (Wi-Fi, 3G/4G)

Access online content and applications.





## Support 3G/4G Internet/WiFi

Built-in in WiFi modem, and comes with WiFi antenna for better signal reception, you can also access the internet with external 3G/4G dongle



### 3G/4G dongle

Connect the dongle to the Internet

Optional

4G

network



signal



USB



## Steering Wheel Control

Easy to Switch Songs & Channels and Volume adjustment, increase safety and usability by controlling the device on the steering wheel.



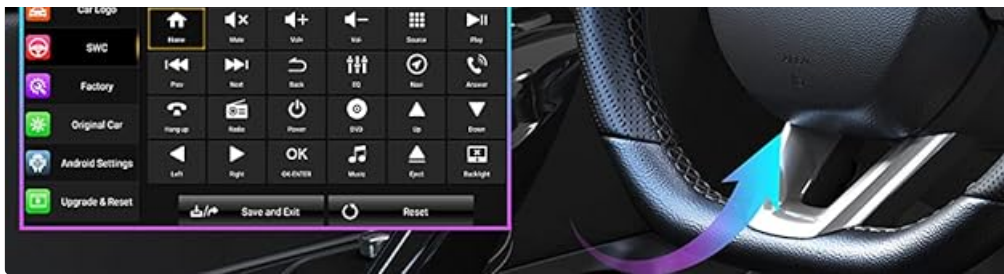


Image: The car stereo screen showing web browsing and social media apps, indicating internet connectivity. An optional 3G/4G dongle is also displayed, which can be used for mobile data access.

- **Built-in Wi-Fi:** Connect to Wi-Fi hotspots for internet access.
- **External 3G/4G (Optional):** For mobile internet access, an external 3G/4G modem (B089KGJT61) is required.

### 6.8 Steering Wheel Control

Control basic functions of the stereo directly from your vehicle's steering wheel buttons.

**Support 3G/4G Internet/WiFi**

Built-in in WiFi modem, and comes with WiFi antenna for better signal reception, you can also access the internet with external 3G/4G dongle

**3G/4G dongle**  
Connect the dongle to the Internet  
**Optional**

4G network    Wi-Fi signal    USB

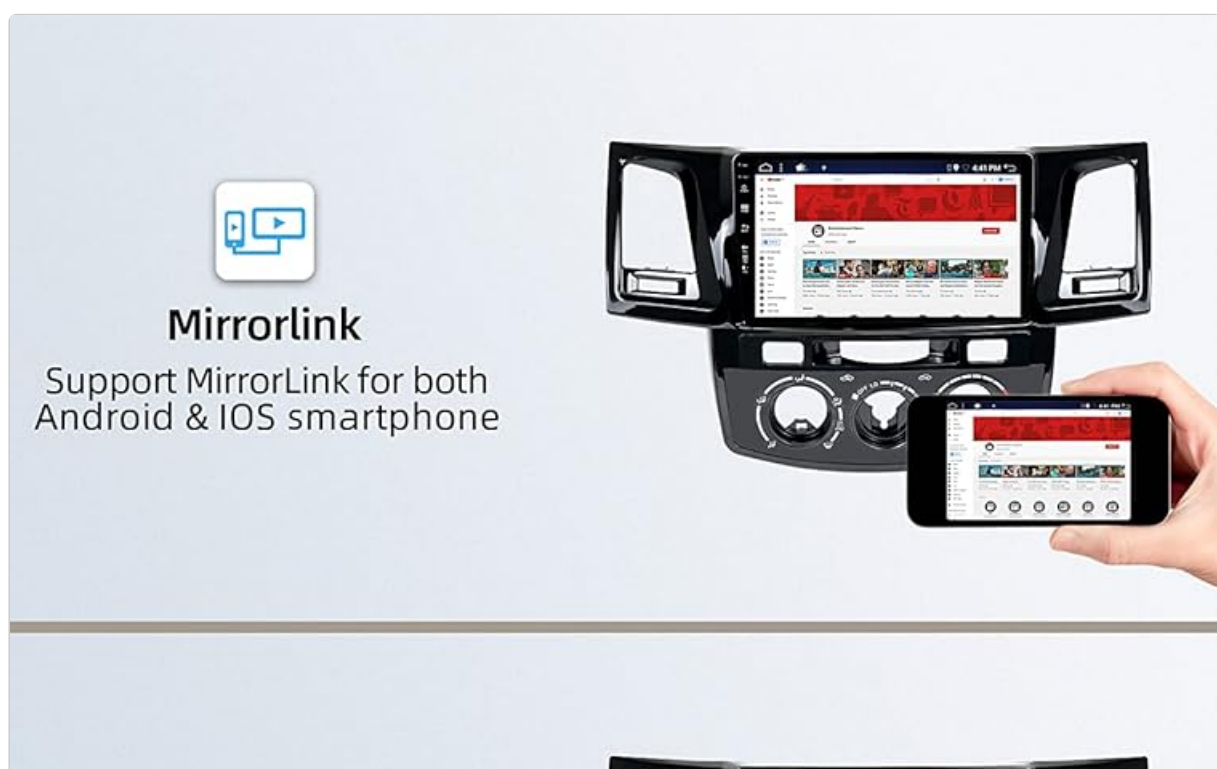


Image: A user's hand pressing a steering wheel button, with the car stereo's settings menu for configuring steering wheel controls visible on the screen.

- **Programming:** Access the steering wheel control settings in the unit's menu to map your vehicle's buttons to stereo functions (e.g., volume, track skip).

## 6.9 MirrorLink & Split Screen Mode

Enhance your in-car experience with screen mirroring and multi-tasking.





**Split screen Mode**  
Run two apps side by side



**Bluetooth 5.0**  
Stream music from your phone Hands-free calling when driving



**Fast-Boot**  
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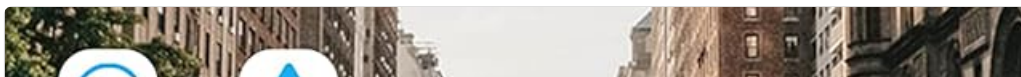


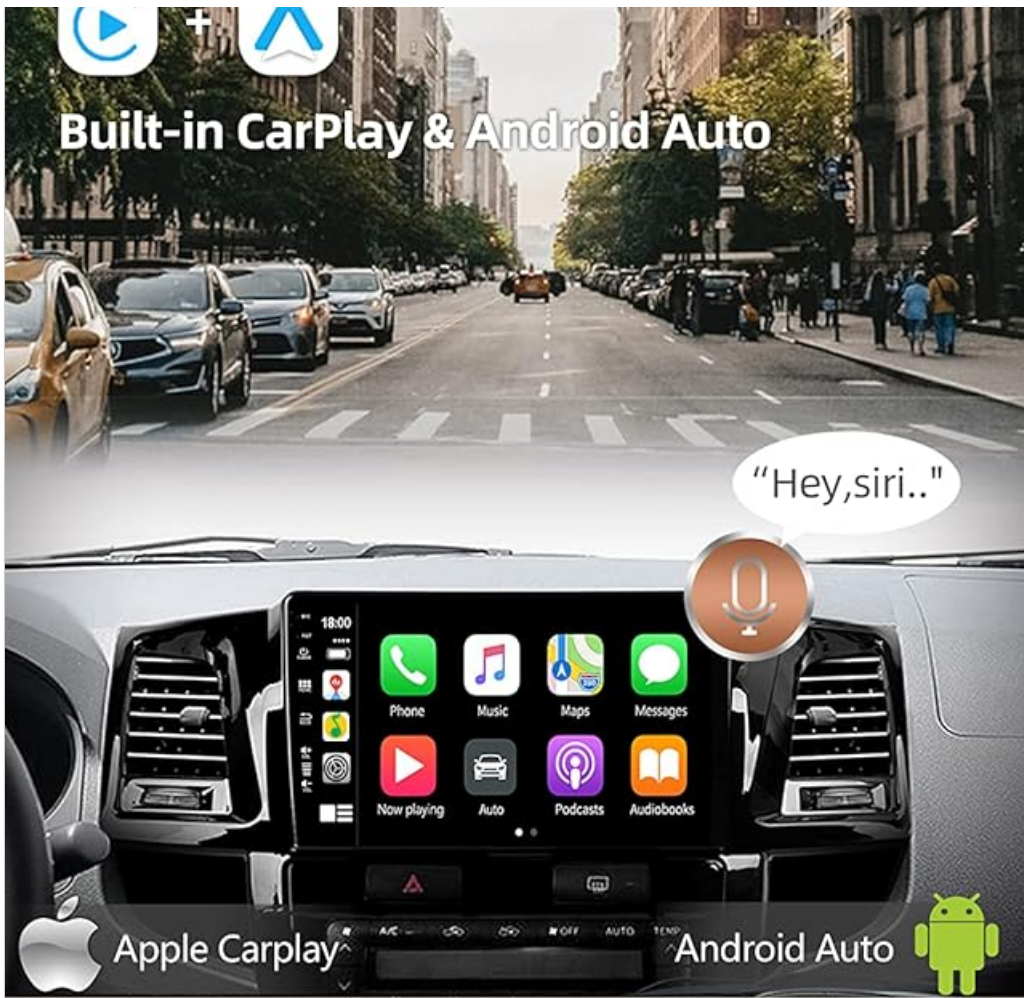
Image: The car stereo screen demonstrating MirrorLink, where a smartphone's display is mirrored, and Split Screen Mode, showing two applications running side-by-side.

- **MirrorLink:** Mirror your Android or iOS smartphone screen onto the car stereo display.
- **Split Screen Mode:** Run two applications simultaneously on the screen, such as navigation and music playback.

## 6.10 Built-in DSP (Digital Sound Processor)

The integrated DSP with a TDA7851 amplifier (4 x 50W) provides advanced audio customization.



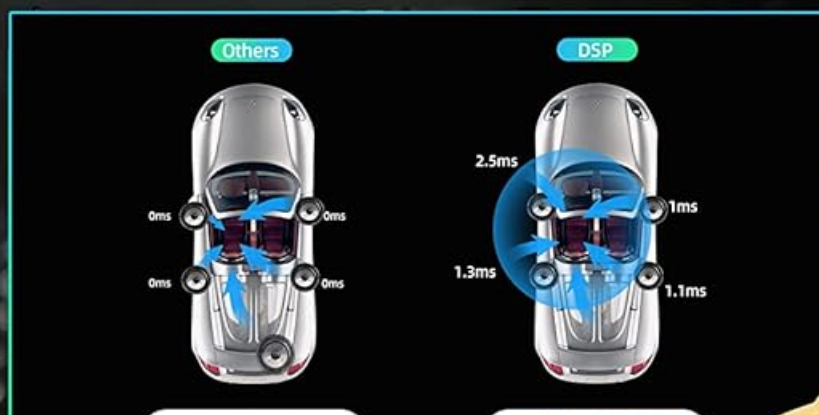


## Built-in DSP

DSP 64 Equalizer Adjustments



- 64-Equalizer
- Smart Bass
- Balance & Delay
- Loudness & Filter



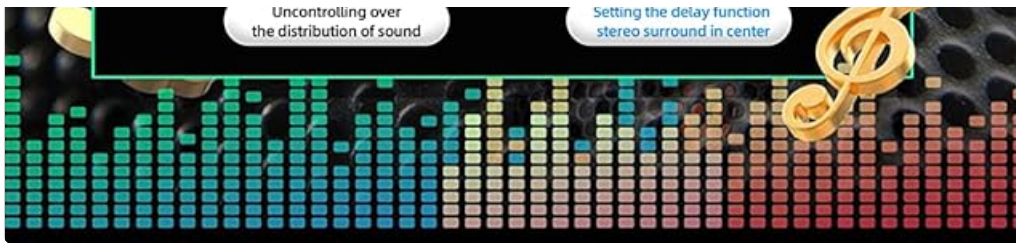


Image: The car stereo screen showing the DSP settings, highlighting the 64-band equalizer, smart bass, balance & delay, and loudness & filter options for audio customization.

- **64-Band Equalizer:** Fine-tune audio frequencies to match your preferences.
- **Smart Bass, Balance & Delay, Loudness & Filter:** Adjust these settings for optimal sound quality and staging within your vehicle.

### 6.11 Backup Camera & 360° Panoramic View

Enhance parking safety with visual aids.

**DAB+** Support DAB+(optional)

With the DAB+ antenna receiver, you can enjoy more of your favorite digital audio broadcasting radio channels with superior CD-like sound quality

**DAB+ receiver**  
Built with RDS, support DAB+  
**Optional**

Search

Signal

USB

**360°**  
360° panoramic function can let you



Image: The car stereo screen displaying a simulated 360-degree panoramic view of a car's surroundings, generated from multiple camera inputs. This feature requires optional AHD cameras.

- **Backup Camera:** The included 4-LED backup camera automatically displays the rear view when the vehicle is in reverse.
- **360° Panoramic Function (Optional):** For a complete 360-degree view around your car, four optional AHD cameras must be purchased separately.

## 7. Maintenance

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- **Cleaning:** Use a soft, dry cloth to clean the screen and unit. Avoid abrasive cleaners or solvents.
- **Software Updates:** Periodically check for system updates via Wi-Fi to ensure optimal performance and access to new features.
- **Temperature:** Do not leave the unit in extreme hot or cold conditions for extended periods.

## 8. Troubleshooting

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

- **No Power:**
  - Check all power connections, including the ACC and B+ wires.
  - Verify the vehicle's fuse box and the unit's inline fuse.
- **No Sound:**
  - Check speaker connections.
  - Ensure volume is not muted or set to minimum.

- Verify audio output settings in the DSP menu.
- **GPS Signal Loss:**
  - Ensure the GPS antenna is properly connected and has a clear view of the sky.
  - Check GPS settings in the system menu.
- **Bluetooth Connection Issues:**
  - Ensure Bluetooth is enabled on both the unit and your smartphone.
  - Delete previous pairings and attempt to re-pair.
  - Restart both the unit and your smartphone.
- **CarPlay/Android Auto Not Working:**
  - Ensure your phone's operating system is up to date.
  - Try a different USB cable if using a wired connection.
  - Check app permissions on your smartphone for CarPlay/Android Auto.

## 9. Specifications

<b>Operating System</b>	Android 14
<b>CPU</b>	Rockchip AC8257 Octa Core, 2.0GHz
<b>RAM</b>	4GB
<b>ROM</b>	64GB
<b>Display</b>	9-inch IPS Touchscreen (1024x600 resolution)
<b>Audio Output</b>	4 x 50W (TDA7851 Amplifier), Surround Sound, 4.0 Channel
<b>Bluetooth</b>	Bluetooth 5.0
<b>Radio Tuner</b>	AM/FM with RDS (NXP TEF7708 IC)
<b>Connectivity</b>	Wi-Fi, USB Type A (2 ports)
<b>Video Playback</b>	4K (3840x2160 pixels), HD 1080P (H.264, H.265/HEVC)
<b>Storage Support</b>	USB and SD card up to 500GB
<b>Special Features</b>	Built-in Wireless/Wired CarPlay & Android Auto, Built-in DSP (64-band EQ), GPS, Steering Wheel Control, MirrorLink, Split Screen, Fast Boot, Backup Camera Input, Optional DAB+/OBD/3G/4G/360° Camera Support

## 10. Warranty and Support

For warranty information and technical support, please refer to the documentation provided with your purchase or contact YUNTX customer service through their official channels. Keep your proof of purchase for warranty claims.

