Y4 8Core 4+64G

Generic Android 15 Car Stereo for Toyota Hilux AN120 (Y4 8Core 4+64G) User Manual

Model: Y4 8Core 4+64G

Introduction   Safety Information   Package Contents   Setup & Installation   Operating Instructions   Features   Troubleshooting   Specifications   Warranty & Support

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Generic Android 15 Car Stereo, Model Y4 8Core 4+64G. This multimedia player is specifically designed for Toyota Hilux Pickup AN120 models from 2015 to 2023, offering advanced features such as GPS navigation, wireless CarPlay, Android Auto, Bluetooth connectivity, and a high-resolution touch screen display.
Please read this manual thoroughly before using the product to ensure correct operation and to prevent damage.

Image 1.1: Main unit of the Android 15 Car Stereo.

2. SAFETY INFORMATION

- **Professional Installation Recommended:** Installation of this car stereo requires specialized skills and knowledge of car electronics. It is highly recommended to have the unit installed by a qualified professional at an authorized auto repair shop.
- **Power Supply:** Ensure the car stereo is connected to a 12V DC power supply with negative grounding. Incorrect voltage can cause damage to the unit or vehicle.
- **Wiring:** Follow all wiring diagrams carefully. Incorrect wiring can lead to malfunctions, electrical shorts, or fire hazards.
- **Driving Safety:** Do not operate the device in a manner that distracts you from driving. Always prioritize road safety.
- **Temperature:** Avoid exposing the unit to extreme temperatures or direct sunlight for prolonged periods.
- **Moisture:** Keep the unit dry. Exposure to moisture can cause electrical shock or damage.

3. PACKAGE CONTENTS

Please verify that all items listed below are included in your package:

- Android Host (Screen)
- Power Cable
- RAC Cable
- Microphone (MIC)
- USB Cable
- 4G Antenna
- GPS Antenna
- AHD720P Reversing Camera (Gift)
- All other necessary cable adapters

Package Contents

Machine

Gift

Power Cable

RAC Cable

MIC

USB Cable

4G Antenna

GPS Antenna

Image 3.1: Overview of included components in the package.

4. SETUP & INSTALLATION

This car stereo is designed for a precise fit in Toyota Hilux Pickup AN120 models (2015-2023). Due to the complexity of automotive electrical systems, professional installation is strongly recommended. Incorrect installation can lead to damage to the unit or your vehicle's electrical system.

4.1. Wiring Connections

Refer to the wiring diagrams provided with your unit and consult a professional installer. Ensure all cables are securely connected to their corresponding ports. Pay close attention to power, ground, speaker, and accessory connections.
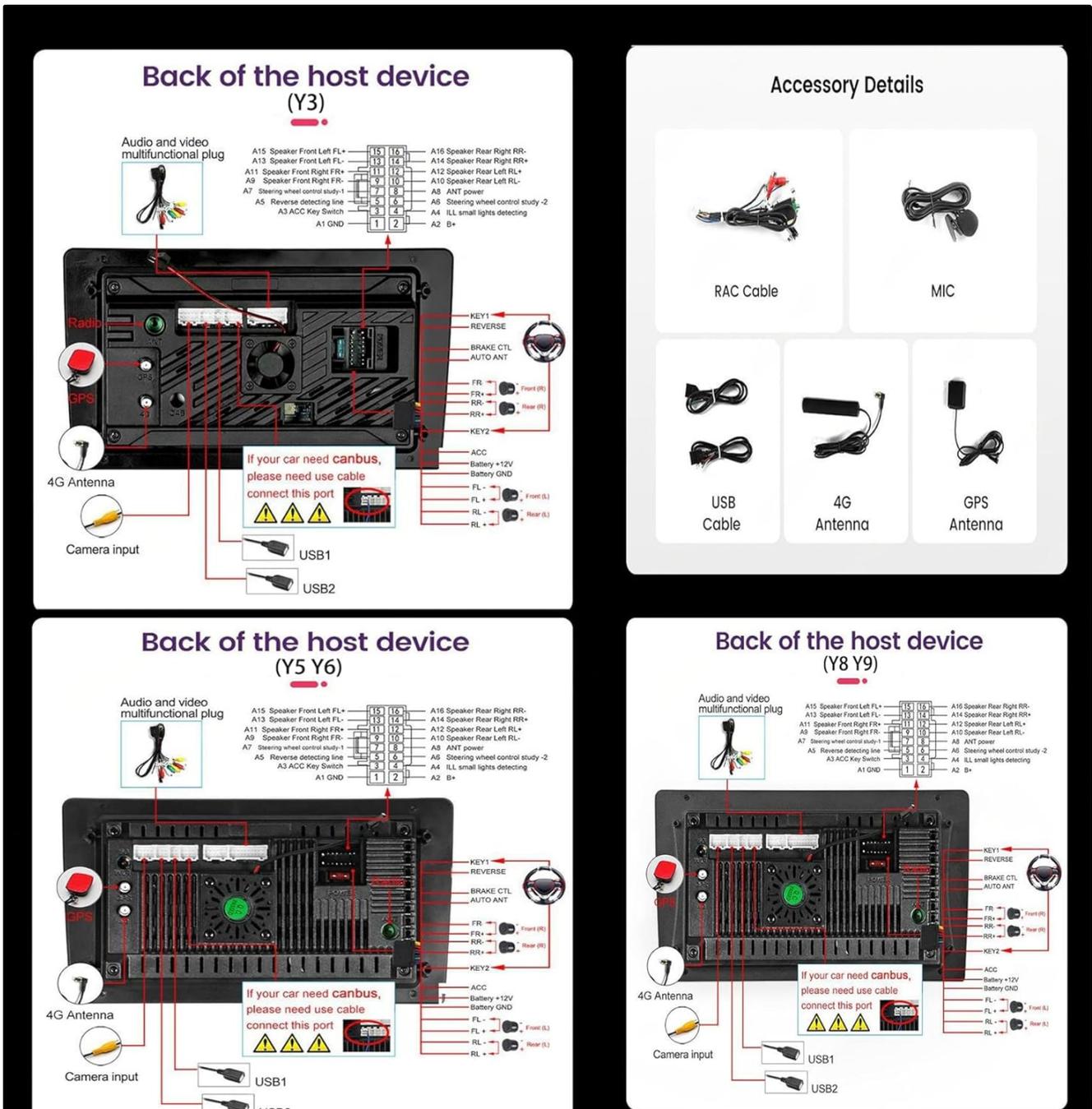
Image 4.1: Wiring diagrams for different models (Y3/Y4, Y5/Y6, Y8/Y9) showing audio, video, and power connections.

Note: If your vehicle requires a CANBUS connection, ensure it is properly connected as indicated in the diagram.

4.2. Reverse Camera Installation

The included AHD720P reversing camera requires proper connection to the unit's camera input. Ensure the camera is mounted securely and provides a clear view of the rear of the vehicle.

After installation, you may need to adjust the reverse video resolution settings in the system's factory settings menu. Access this menu by entering the password (consult your installer or technical support for the default password).

> Your browser does not support the video tag.

Video 4.2: This video demonstrates how to check and adjust the reverse video resolution settings for your car radio. This is crucial for ensuring optimal display from your rearview camera.

5. OPERATING INSTRUCTIONS

5.1. Power On/Off and Basic Navigation

Press the power button to turn the unit on or off. The touch screen interface allows for intuitive navigation through

menus and applications. Swipe left or right to access different screens or widgets.

Image 5.1: The car stereo integrated into the Toyota Hilux dashboard, displaying the main interface with navigation.

5.2. Wireless CarPlay and Android Auto

The unit supports both wireless CarPlay and Android Auto for seamless smartphone integration.

- **For Wireless CarPlay:**

    1. Connect to Bluetooth.

2. Click on "BT Link-K" and wait for connection.

Note: CarPlay can also be connected via USB cable.

- **For Wireless Android Auto:**

    1. Connect to Bluetooth.
    2. Click on "Android Auto APP" and wait for connection.

Note: Android Auto can also be connected via USB cable.

Image 5.2: Visual guide for connecting wireless CarPlay and Android Auto, highlighting TPMS support.

5.3. Bluetooth Functionality

The built-in Bluetooth 5.0 module allows for hands-free calling and audio streaming. Pair your smartphone to make and receive calls, sync contacts, and play music wirelessly.

- **Pairing:** Go to the Bluetooth settings on the car stereo and your phone. Select the car stereo's Bluetooth name from your phone's available devices and confirm pairing.

- **Hands-Free Calling:** Once paired, you can dial numbers directly from the car stereo's screen or use the synced contacts.
- **Bluetooth Music:** Stream audio from your phone to the car stereo.

Image 5.3: Bluetooth features including music playback, contact synchronization, and call interface.

5.4. GPS Navigation

The unit features an integrated GPS module supporting both online and offline maps. Access navigation applications

directly from the main menu. Ensure the GPS antenna is properly installed for optimal signal reception. Supported map types include North America. You can download additional maps or use online navigation services via 4G LTE or WiFi connectivity.

5.5. Radio Tuner

Access the FM/AM radio tuner from the main menu. You can scan for stations, save presets, and enjoy clear audio quality. The unit supports RDS (Radio Data System) for displaying station information where available.

6. FEATURES

- **Operating System:** Android 15.0
- **Processor:** 8-Core CPU
- **Memory:** 4GB RAM + 64GB ROM (for Y4 model)
- **Display:** 9-inch 2.5D IPS high-resolution capacitive multi-touch screen (1280*720 resolution).
- **Connectivity:** Built-in 4G LTE, 5G WiFi, Bluetooth 5.0, USB.
- **Smartphone Integration:** Wireless and wired CarPlay, wireless and wired Android Auto.
- **Audio:** Built-in DSP (Digital Sound Processor) for surround sound, bass, and treble adjustment. Amplifier IC: Toshiba 7388/TCB001.
- **Multimedia:** Supports mp3, mp4, mp5, wma, jpeg formats. 1920*1080 video recording and playback, 4K video playback.
- **Navigation:** Integrated GPS module with support for online and offline maps (North America map type).
- **Additional Functions:** Steering wheel control support, built-in speaker/microphone, picture-in-picture split screen.
- **Optional External Support:** ADAS DVR, TPMS (Tire Pressure Monitoring System), OBD2, DAB+, Dash Cam.

Car multimedia player parameter

Model	Y3/Y4	Y5/Y6	Y8/Y9 2K 2000*1200 QLED
RAM ROM	2+64GB 4+64GB	4+64GB 6+128GB	4+64GB 6+128GB
OS	Android	Android	Android
Core	8-Core	8-Core	8-Core
Car-play +Auto	Wireless	Wireless	Wireless
Resolution	1280*720	1280*720	2K 2000*1200
360° panoramic	No support	Support	Support
Internet	4G+WiFi	4G+WiFi	4G+WiFi
BT module		✓	✓
Radio+ amplifier	8035+7388	4755+TCB001	4755+TCB001
RDS		✓	✓
EQ sound ffects	ASP	DSP	DSP

Image 6.1: Parameter comparison table for various models, including RAM, ROM, OS, Core, Car-play+Auto, Resolution, 360 panoramic, Internet, BT module, Radio+amplifier, RDS, and EQ sound effects.

Image 6.2: Demonstrates 2K video resolution, main menu layout, and customizable theme interfaces.

7. TROUBLESHOOTING

- **No Power:**

    - Check all power connections and fuses.
    - Ensure the vehicle's ignition is on.

- **No Sound:**

    - Verify speaker connections.
    - Check volume levels and mute settings.
    - Ensure the correct audio source is selected.

- **GPS Signal Loss:**

    - Ensure the GPS antenna is properly installed and has a clear view of the sky.
    - Check antenna connection to the unit.

- **Bluetooth Pairing Issues:**

    - Ensure Bluetooth is enabled on both the stereo and your phone.
    - Delete previous pairings and try again.
    - Restart both devices.

- **Reverse Camera Not Displaying:**

    - Check camera power and video signal connections.
    - Verify reverse gear signal wire is connected.
    - Adjust "Reverse video resolution settings" in Factory Settings (refer to Section 4.2).

- **Touch Screen Unresponsive:**

    - Restart the unit.
    - If persistent, contact technical support.

8. SPECIFICATIONS

Feature	Specification
Model Number	Y4 8Core 4+64G
Operating System	Android 15.0
RAM	4GB
ROM (Internal Storage)	64GB
Display Size	9 Inches
Resolution	1280*720 (IPS)
Touch Screen Type	Capacitive Multi-touch
Connectivity Technology	4G, Bluetooth 5.0, USB, Wi-Fi (5G)
Special Features	Bluetooth, Touchscreen, GPS, FM/AM, CarPlay, Android Auto, DSP
Map Type	North America
Item Weight	4.84 pounds (2.2 Kilograms)
Package Dimensions	17.72 x 15.75 x 7.48 inches

9. WARRANTY & SUPPORT

9.1. Product Warranty

This product comes with a **2-year warranty** from the date of purchase. The warranty covers manufacturing defects and malfunctions under normal use. Please retain your proof of purchase for warranty claims.
For specific details regarding warranty coverage and exclusions, please refer to the warranty card included with your product or contact customer service.

9.2. Technical Support

For any technical assistance, installation queries, or troubleshooting not covered in this manual, please contact our customer service. Our technical support team is available to provide ongoing assistance.

If you are unsure about the compatibility of the Android radio with your car, you can send us a photo of your car's model, year of manufacture, and dashboard center console via chat or Amazon mail for verification.