Naifay B0FJFN7MWR

Naifay Android Car Radio Instruction Manual

MODEL: B0FJFN7MWR

For Toyota Prius 2004-2009 (Non-JBL Version, Non-Large Screen)

1. Introduction

This manual provides detailed instructions for the installation, setup, operation, and maintenance of your Naifay Android Car Radio. Please read this manual thoroughly before using the product to ensure proper function and safety. This unit is specifically designed for Toyota Prius models from 2004 to 2009 that do not have a JBL sound system or a large factory screen.

2. Safety Information

- Ensure the vehicle's ignition is off and the battery is disconnected before beginning installation to prevent electrical shorts or damage.
- Always use appropriate tools and follow proper procedures to avoid damaging vehicle components.
- If you are unsure about any installation step, consult a professional installer.
- Do not operate the device in a manner that distracts you from driving. Always prioritize road safety.
- Verify that the car radio's voltage is 12V. Over 12V may burn the radio.

3. Package Contents

Verify that all items are included in your package:

- Naifay Android Car Radio Unit (9-inch Touch Screen)
- Backup Camera
- WiFi Antenna
- Bluetooth Antenna
- RCA Cable
- GPS Antenna
- USB Cables (x2)
- Power Cable
- Microphone (MIC)
- Accessories (mounting brackets, screws)
- User Manual

Figure 3.1: Unit Size and Packing List

4. Installation Guide

This section outlines the steps to install your new Naifay Android Car Radio. It is recommended to watch the provided installation video for visual guidance.

4.1. Removing the Old Unit

1. Carefully pry off the top trim piece of the dashboard.
2. Before proceeding, ensure all CDs are ejected from the old head unit.
3. Pry off the bottom trim piece. Locate and remove any exposed screws on the driver's side.
4. Remove the top screen unit by pulling it out and disconnecting its wiring.
5. Unscrew the remaining bolts holding the main head unit in place.
6. Carefully pull out the old head unit and disconnect all cables, including the antenna.

Video 4.1: Demonstrates the removal of the original Toyota Prius car radio and dashboard trim pieces.

4.2. Wiring the New Unit

Connect the provided wiring harness to the new Naifay Android Car Radio. Ensure all connections are secure.

- Connect the main power harness to the corresponding port on the new unit.
- Connect the CANBUS box if your vehicle requires it for steering wheel controls or other features.
- Connect the GPS antenna and 4G antenna (if applicable) to their respective ports. Position the antennas in a location with good signal reception, typically taped to a flat surface behind the dashboard.
- Connect the radio antenna.
- Connect the backup camera input cable.

Video 4.2: Shows the process of connecting the wiring harness, CANBUS box, and various antennas to the new head unit.

4.3. Installing the New Unit

1. Transfer the yellow/green plastic clips from the old radio's side brackets to the new unit's side brackets. These clips are essential for proper fitment.
2. Carefully slide the new Naifay Android Car Radio into the dashboard opening. Ensure all wires are tucked away and not pinched.
3. Secure the unit with the screws previously removed.
4. Re-install the top screen unit and the bottom trim piece, ensuring they clip securely into place.
5. For USB cables and the external microphone, a small hole can be drilled in the bottom trim piece for discreet routing.

Video 4.3: Illustrates the re-installation of the top screen and the main head unit into the dashboard.

5. Setup and Initial Configuration

5.1. Power On Test

After connecting the main power harness, perform a quick power-on test before fully securing the unit.

1. Turn on the vehicle's ignition. The screen should power on and display the Android boot animation.
2. Verify that basic audio functions are working.

Video 5.1: Shows the initial power-on sequence and basic functionality test of the new Android car radio.

5.2. Steering Wheel Control Programming

To enable your vehicle's steering wheel controls, you need to program them through the unit's settings.

1. Navigate to the 'Settings' menu on the car radio.
2. Look for 'General' or 'Device' settings and select 'Steering wheel study'.
3. On the screen, select the function you wish to program (e.g., Volume Up).
4. While holding down the corresponding button on your steering wheel, press the selected function on the car radio screen. Repeat for all desired buttons (Volume Down, Mode/Home, Next Track, Previous Track, etc.).
5. Save the settings.

Video 5.2: Demonstrates how to program the steering wheel control buttons for the new car radio.

5.3. Bluetooth Pairing / CarPlay / Android Auto

The unit supports wireless CarPlay and Android Auto via Bluetooth and WiFi.

1. On your smartphone, enable Bluetooth and search for available devices.
2. On the car radio, navigate to the Bluetooth settings and ensure it is discoverable.
3. Select the car radio's device name (e.g., "KS03-47DCBF") on your phone to pair.
4. Once paired, follow the on-screen prompts on both your phone and the car radio to activate wireless CarPlay or Android Auto.

Video 5.3: Shows the process of pairing a smartphone via Bluetooth and activating CarPlay on the Naifay Android car radio.

5.4. Sound Settings (DSP/Equalizer)

Adjust the audio output to your preference using the built-in Digital Sound Processor (DSP) and equalizer.

1. From the main menu, locate and tap the 'DSP' or 'Equalizer' application icon.
2. You can select from various preset sound modes (e.g., Rock, Soft, Popular) or customize individual frequency bands.
3. Adjust the sound field settings to optimize audio for different seating positions (Driver mode, Co-pilot mode, etc.).

Video 5.4: Demonstrates how to access and adjust the equalizer and sound field settings for optimal audio quality.

6. Operating Instructions

6.1. Basic Functions

- **Radio:** Access the FM radio tuner from the main menu. Supports manual and automatic station search.

- **Music/Video:** Play media files from USB, Bluetooth, or streaming apps.
- **Bluetooth Hands-free:** Make and receive calls directly from the unit using the built-in or external microphone.

Figure 6.1: Basic Functions Interface

6.2. GPS Navigation

The unit includes a GPS module for navigation. It supports both online and offline maps.

- **Online Navigation:** Connect to WiFi or a mobile hotspot to use online mapping services.
- **Offline Maps:** Download maps in advance for navigation without an internet connection.

Figure 6.2: GPS Navigation Interface

6.3. Backup Camera

The AHD backup camera provides a clear view when reversing.

- The display automatically switches to the backup camera view when the vehicle is in reverse gear.
- Enhances safety and aids in parking maneuvers.

Figure 6.3: Backup Camera View

6.4. Split Screen Functionality

Utilize the split screen feature to run two applications simultaneously.

- For example, use navigation on one side and music playback on the other.
- Enhances multitasking capabilities while driving.

Figure 6.4: Split Screen Mode

6.5. WiFi Connectivity

Connect the unit to a WiFi network or mobile hotspot to access online features.

- Download applications from the Play Store.

- Stream music and videos.

- Access online navigation and other internet-dependent services.

Figure 6.5: WiFi Connection and App Access

7. Maintenance

- Keep the screen clean using a soft, lint-free cloth. Avoid abrasive cleaners.

- Regularly check for software updates to ensure optimal performance and access to new features.

- Avoid exposing the unit to extreme temperatures or direct sunlight for prolonged periods.

8. Troubleshooting

- **Unit not powering on:** Check all power connections. Ensure the vehicle's battery is connected and charged.

- **No sound:** Verify speaker connections and check the volume level. Ensure the DSP/Equalizer settings are configured correctly.

- **Steering wheel controls not working:** Re-program the steering wheel buttons as described in Section 5.2. Ensure the CANBUS box (if applicable) is correctly connected.

- **GPS signal weak/lost:** Ensure the GPS antenna is placed in an unobstructed location.

- **CarPlay/Android Auto not connecting:** Ensure Bluetooth and WiFi are enabled on both the phone and the unit. Re-pair the devices if necessary.

- **Unit freezing/lagging:** The unit has 2GB RAM. It is recommended to limit the number of simultaneously running applications to prevent performance issues.

For further assistance, please contact Naifay customer support. Provide your model number and detailed description of the issue, along with any relevant photos or videos.

Figure 8.1: Troubleshooting and Support Information

9. Specifications

Feature	Specification
Brand	Naifay
Model	B0FJFN7MWR
Compatible Vehicles	Toyota Prius 2004-2009 (Non J.B.L Version, Non Large Screen)
Operating System	Android 12
Processor	4-Core

RAM	2GB
Internal Storage	32GB
Display Size	9 Inches
Display Type	2.5D IPS Touch Screen (1280x720P)
Connectivity	Wireless CarPlay, Wireless Android Auto, MirrorLink, Bluetooth 5.0, WiFi, USB
Navigation	Offline/Online GPS Navigation (Worldwide Map Type)
Audio Output Mode	Stereo
Special Features	AHD Backup Camera, FM Radio, Split Screen, Steering Wheel Control, Multiple UI Themes
Item Weight	3.3 pounds
Product Dimensions	9.09 x 1.57 x 9 inches

10. Warranty and Support

For warranty information and technical support, please refer to the documentation included with your product or contact Naifay customer service directly through the retailer's platform. Ensure you have your product model number (B0FJFN7MWR) ready when seeking support.