ATOTO F7G2B7WES01

ATOTO F7WE Wireless CarPlay Double DIN Car Stereo User Manual

Model: F7G2B7WES01

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your ATOTO F7WE Wireless CarPlay Double DIN Car Stereo. Please read this manual thoroughly before using the product to ensure proper functionality and safety.



Image 1.1: ATOTO F7WE Car Stereo displaying the CarPlay interface with a backup camera and external microphone.

2. Product Features

- **7-inch Full Capacitive Touchscreen:** Responsive 1024*600 IPS display with a 178° viewing angle for clear visibility in various lighting conditions.
- **Wireless & Wired CarPlay:** Seamless integration with iPhone for navigation, music, calls, and more.
- **Wireless & Wired Android Auto:** Connect Android phones for Google Maps, YouTube Music, and voice control.
- **Backup Camera Input:** Supports HD 720P backup cameras, including Live Rear View (LRV) functionality with compatible cameras like AC-HD01LR.
- **Front Camera Input:** Dedicated input for a front-view camera.
- **Phone Mirroring (MirrorLink):** Cast your phone's display onto the stereo screen.
- **Bluetooth Connectivity:** A2DP audio streaming and hands-free calling.
- **Built-in Amplifier & Equalizer:** Customizable audio settings.
- **Steering Wheel Control (SWC) Retention:** Compatible with OEM SWC via a 3.5mm jack or ATOTO AC-44F5 remote control (sold separately).
- **External Storage Support:** Reads up to a 2TB SSD via USB.

- **FM/AM Radio:** Integrated tuner for radio reception.

3. Setup and Installation

3.1 Package Contents

Verify that all components are present in the package:

- ATOTO F7WE Car Stereo Unit
- Power Harness
- USB Cables
- GPS Antenna
- External Microphone
- Mounting Brackets and Screws
- User Manual (this document)
- Backup Camera (if included in package, e.g., AC-HD01LR)

3.2 Wiring Diagram

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

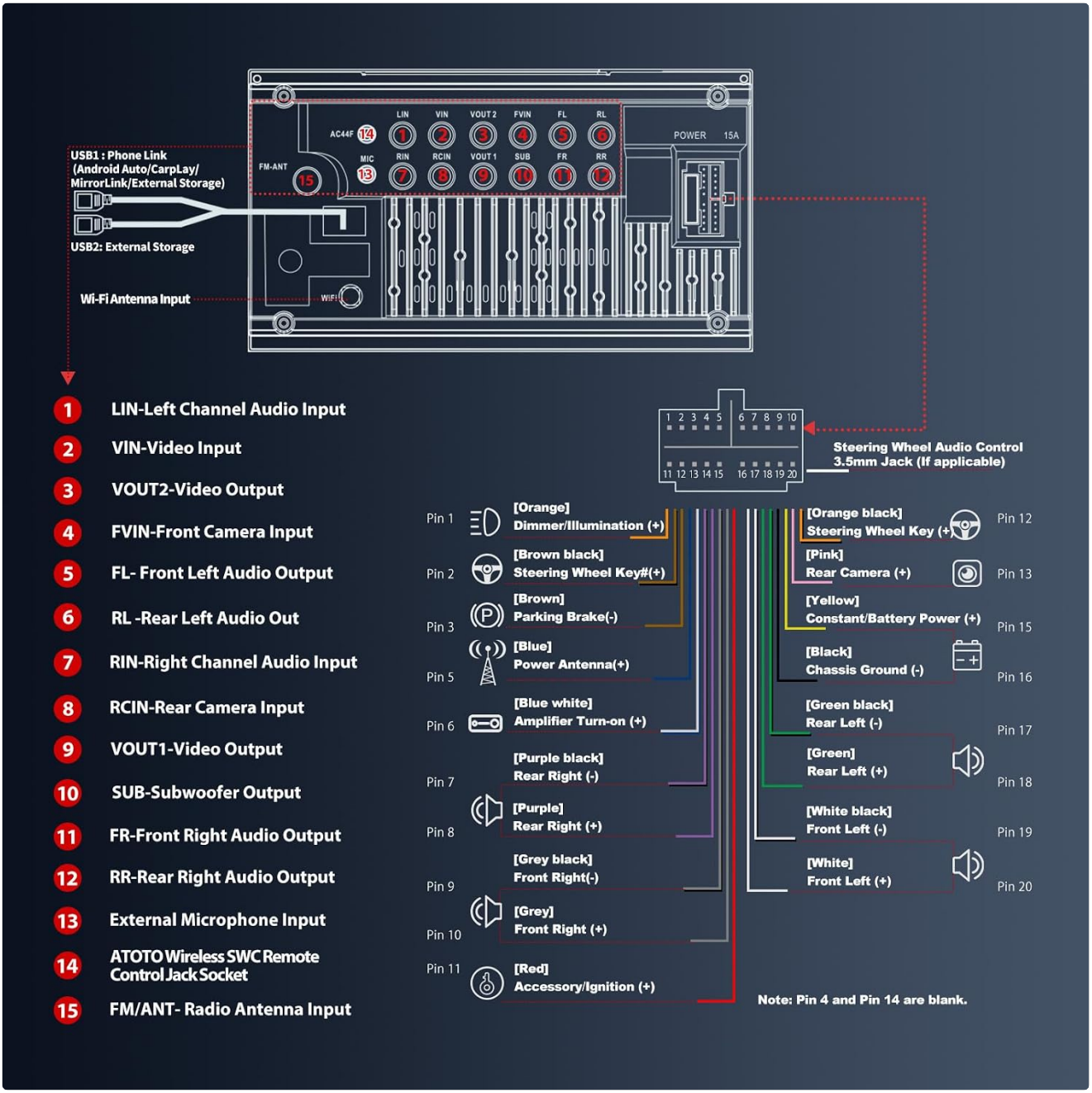


Image 3.2.1: Detailed wiring diagram for the ATOTO F7WE car stereo, showing connections for power, speakers, cameras, and accessories.

1. **Power Connections:** Connect the yellow wire to constant 12V, red wire to accessory/ignition 12V, and black wire to ground.
2. **Speaker Connections:** Connect the speaker wires according to their respective channels (Front Left, Front Right, Rear Left, Rear Right).
3. **Backup Camera:** Connect the RCA video input for the rear camera. Ensure the reverse trigger wire is connected to the vehicle's reverse light circuit.
4. **Steering Wheel Control (SWC):** Use the dedicated 3.5mm jack for third-party SWC adapters or connect directly to analog SWC wires if supported by your vehicle.
5. **USB Ports:** USB1 is for phone connection (CarPlay/Android Auto/MirrorLink) and media playback. USB2 is for external storage.
6. **Wi-Fi Antenna:** Connect the Wi-Fi antenna for wireless CarPlay/Android Auto functionality.

3.3 Physical Installation

The F7WE is a standard double DIN unit. Ensure your vehicle's dashboard opening is compatible.



Image 3.3.1: Illustration of the ATOTO F7WE unit's double DIN compatibility and screen dimensions.

1. Remove the existing car stereo and dashboard trim.
2. Connect all necessary wiring harnesses to the F7WE unit.
3. Mount the F7WE unit into the double DIN opening using the provided brackets and screws.
4. Secure all connections and test the unit before reassembling the dashboard trim.

4. Operating Instructions

4.1 Basic Operation

- **Power On/Off:** The unit powers on with the vehicle's ignition. Press and hold the power button for manual power off.
- **Volume Control:** Use the physical buttons or touchscreen controls to adjust volume.
- **Touchscreen Interface:** Navigate through menus and applications by tapping, swiping, and scrolling on the capacitive touchscreen.

4.2 Wireless CarPlay

Connect your iPhone wirelessly to access CarPlay features.



Image 4.2.1: Wireless CarPlay displaying navigation and media applications.

1. Ensure your iPhone's Wi-Fi and Bluetooth are enabled.
2. On the F7WE, select the CarPlay icon.
3. On your iPhone, go to Settings > General > CarPlay and select your ATOTO device.
4. Follow the on-screen prompts to complete the connection.

4.3 Wireless Android Auto

Connect your Android phone wirelessly to access Android Auto features.



Image 4.3.1: Wireless Android Auto displaying music playback and voice control prompt.

1. Ensure your Android phone's Wi-Fi and Bluetooth are enabled.
2. On the F7WE, select the Android Auto icon.
3. On your Android phone, open the Android Auto app (or ensure it's installed and updated).
4. Follow the on-screen prompts to complete the connection.

4.4 Phone Mirroring (MirrorLink)

Mirror your smartphone's screen onto the F7WE display via a USB connection.



Image 4.4.1: Phone Mirroring (MirrorLink) displaying a smartphone screen on the F7WE unit.

1. Connect your smartphone to the F7WE's USB1 port using a high-quality USB cable.
2. Select the 'MirrorLink' or 'AutoLink' application on the F7WE.
3. Follow the instructions on both the stereo and your phone to establish the connection.

4.5 Camera Functions

The F7WE supports both rear and front camera inputs.



Image 4.5.1: Live Rear View (LRV) functionality with a backup camera, showing parking guidelines and night vision capability.

- **Backup Camera:** When the vehicle is shifted into reverse, the display automatically switches to the rear camera view. If using a compatible camera like AC-HD01LR, Live Rear View (LRV) allows you to view the rear camera feed at any time while driving.
- **Front Camera:** Access the front camera view through the dedicated application on the stereo.

4.6 Steering Wheel Control (SWC)

Retain your vehicle's original steering wheel controls for convenience.



Image 4.6.1: Diagram showing options for Steering Wheel Control (SWC) retention, including direct wiring and use of the ATOTO AC-44F5 remote control.

- **Direct Wiring:** Connect your vehicle's analog SWC wires to the F7WE's SWC inputs. Access the SWC learning function in the system settings to program the buttons.
- **3.5mm Jack:** For vehicles requiring a third-party SWC interface, connect it to the F7WE's dedicated 3.5mm SWC jack.
- **ATOTO AC-44F5 Remote Control:** An optional remote control (sold separately) can be used for convenient access to common functions.

5. Specifications

Feature	Specification
Model Number	F7G2B7WES01
Display	7-inch Full Capacitive IPS Touchscreen

Feature	Specification
Resolution	1024*600
Connectivity	Auxiliary, Bluetooth, USB, Wi-Fi
CarPlay/Android Auto	Wireless & Wired
Backup Camera Input	HD 720P (supports LRV with compatible cameras)
Front Camera Input	Yes
External Storage	Up to 2TB SSD via USB
Audio Output Mode	Stereo
Surround Sound Channel Configuration	4.1
Item Weight	2.99 pounds
Package Dimensions	8.98 x 5.83 x 5.79 inches

6. Maintenance

- **Screen Cleaning:** Use a soft, lint-free cloth to clean the touchscreen. Avoid abrasive cleaners or solvents.
- **Software Updates:** Periodically check the ATOTO official website for firmware updates to ensure optimal performance and access to new features.
- **Environmental Conditions:** Avoid exposing the unit to extreme temperatures or direct sunlight for prolonged periods.

7. Troubleshooting

7.1 Common Issues and Solutions

- **No Power:**
  - Check power connections (yellow, red, black wires).
  - Verify vehicle's fuse for the stereo.
- **No Sound:**
  - Check speaker wiring connections.
  - Ensure volume is not muted or set to minimum.
  - Verify audio settings and equalizer.
- **CarPlay/Android Auto Not Connecting:**
  - Ensure Wi-Fi and Bluetooth are enabled on your phone and the stereo.
  - For wired connections, use a high-quality USB cable.
  - Restart both your phone and the stereo.
  - Check for software updates for both your phone and the stereo.
- **Backup Camera Not Displaying:**
  - Verify the camera's power and video signal connections.

- Ensure the reverse trigger wire is correctly connected to the vehicle's reverse light circuit.

- **Touchscreen Unresponsive:**
  - Perform a soft reset by pressing the RST button (if available) or by turning the vehicle ignition off and on.
  - Ensure the screen is clean and free of debris.

8. Warranty and Support

For warranty information and technical support, please refer to the warranty card included with your product or visit the official ATOTO website. You can also contact ATOTO customer service for assistance with any issues not covered in this manual.

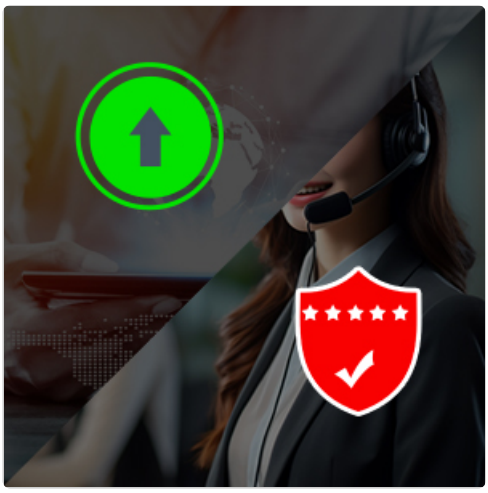


Image 8.1: Illustration representing product updates and customer support services.

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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.

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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