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ATOTO F7EU03

ATOTO F7 Adaptive Double-DIN & Single-DIN 10 Inch Car Stereo User Manual

Model: F7EU03
Brand: ATOTO

1. Product Overview

The ATOTO F7 Adaptive Double-DIN & Single-DIN 10 Inch Car Stereo (Model F7EU03) is a versatile car entertainment system featuring a QLED touchscreen. It supports both wired and wireless CarPlay and Android Auto, along with wired MirrorLink. Designed for enhanced in-car connectivity and entertainment, it offers a range of features including Bluetooth 5.0, HD Live Rearview, and fast phone charging.



Figure 1: ATOTO F7 Car Stereo with its adaptive display and smartphone connectivity features.

Key features include:

- Wired & Wireless CarPlay and Android Auto, plus wired MirrorLink (AutoLink) for Android and iOS.
- Built-in Max. 4*49W & RMS 4*29W Amplifier with 10-band EQ.
- Bluetooth 5.0 for hands-free calling and audio streaming.
- HD 10.1-inch 1280 * 720P QLED touch screen with 178° full-viewing angle.
- Support for HD 720P front and rear camera input with Live Rear View (LRV) function.
- Two USB ports for Phone Link and external storage (up to 2TB SSD), and one SD slot (up to 512 GB SD card).
- Adjustable floating display for optimal viewing angle.

2. Setup and Installation

The ATOTO F7 is designed for both single DIN and double DIN installations, offering flexibility for various vehicle dashboards. Ensure all connections are secure before powering on the unit.

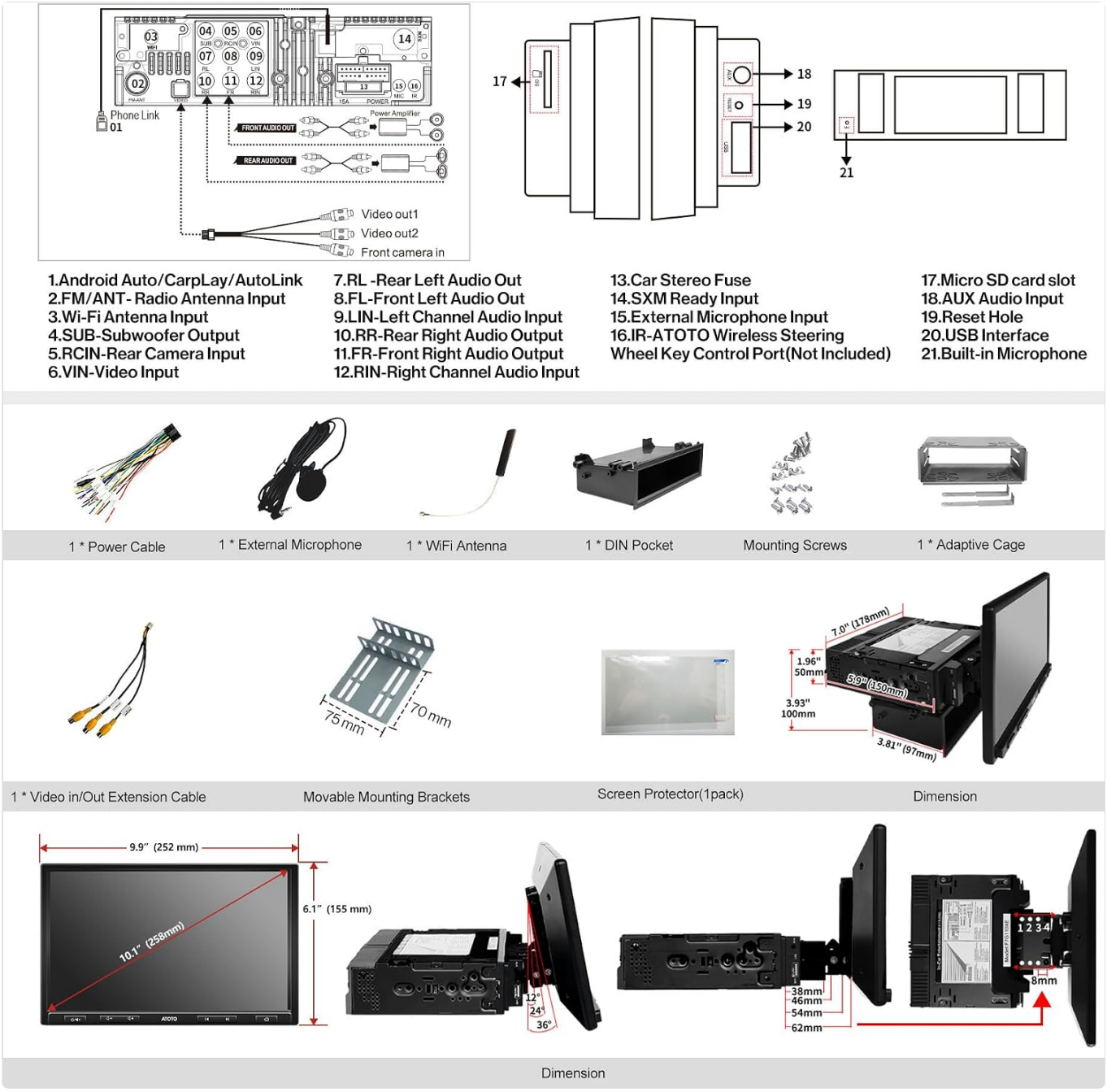


Figure 2: Rear panel connections and included accessories for installation.

2.1 Package Contents

Verify that all components are present in the package:

- Main Head Unit with 10.1-inch QLED Display
- Power Cable
- External Microphone
- WiFi Antenna
- 1 DIN Pocket
- Mounting Screws
- Adaptive Cage
- Video In/Out Extension Cable
- Movable Mounting Brackets
- Screen Protector (1 pack)

2.2 Wiring Diagram Overview

Refer to the detailed wiring diagram provided in the physical manual for specific connections. Key connections include:

- **Power Connections:** Ensure correct connection of constant power (B+), accessory power (ACC), and ground.
- **Speaker Outputs:** Connect to your vehicle's speakers (Front Left/Right, Rear Left/Right).
- **RCA Outputs:** For external amplifiers (Front, Rear, Subwoofer).
- **Camera Inputs:** Dedicated inputs for front and rear cameras (HD 720P supported).
- **USB Ports:** For Phone Link and multimedia playback.
- **Antenna Inputs:** FM/AM radio antenna and WiFi antenna.



Figure 3: Rear view of the head unit, highlighting connection points.

2.3 Display Adjustment

The 10.1-inch floating display can be adjusted for height and viewing angle to suit your vehicle's dashboard and your preference. Carefully adjust the mounting brackets to achieve the desired position.



Figure 4: The adjustable display of the ATOTO F7, illustrating its flexibility.

3. Operating Instructions

3.1 CarPlay and Android Auto

The ATOTO F7 supports both wired and wireless Apple CarPlay and Android Auto. Connect your compatible smartphone via USB or wirelessly via Bluetooth/Wi-Fi for seamless integration of navigation, music, calls, and messaging.



Figure 5: CarPlay, Android Auto, and AutoLink interfaces.

When using wired CarPlay/Android Auto, the unit provides fast phone charging (max. 1.5A), significantly faster than common car stereos (300mA - 500mA).

3.2 MirrorLink (AutoLink)

MirrorLink allows you to cast your phone's display directly onto the F7's large screen. This feature is compatible with both Android and iOS devices, enabling you to view content from your phone on the car stereo display.

3.3 Audio Features

The F7 features a powerful built-in amplifier (Max. 4*49W & RMS 4*29W) and a 10-band equalizer with 7 presets for customized audio experiences. Bluetooth 5.0 supports HFP/HSP/A2DP/AVRCP/PBAP for high-quality audio streaming and hands-free calling.

3.4 Camera Inputs and Live Rear View (LRV)

Connect HD 720P front and rear cameras for clear video feeds. The Live Rear View (LRV) function allows continuous display of the rear camera feed even when the vehicle is moving forward (requires ATOTO AC-HD02LR camera, sold

separately).



Figure 6: HD Live Rear-View and parking assistance.

3.5 Steering Wheel Control

The unit supports retaining your OEM steering wheel control functions. If your vehicle does not have these, the ATOTO AC-44F5 steering wheel remote (sold separately) is highly recommended for convenient control.



Figure 7: Steering wheel control integration and key settings.

Optional Accessories

Model No: AC - 44F5 (Sold Separately)

Wireless Steering Wheel Controller





Operation & Functions:



SWC Signal transmitter (the Controller)



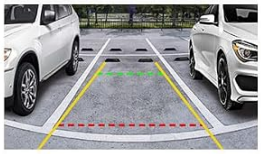
SWC Signal Receiver

Model No: AC - HD02LR (Sold Separately)

HD Waterproof Rear View Camera







720P Picture Quality ✓





480 Lines Picture Quality ✗

Figure 8: Optional accessories for enhanced control and safety.

3.6 Multimedia Playback

The F7 features 2 USB ports and 1 SD slot for multimedia playback. It can read up to 2TB SSD via USB and up to 512 GB SD cards, allowing for extensive media libraries.

4. Maintenance

To ensure the longevity and optimal performance of your ATOTO F7 car stereo, follow these general maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the screen and exterior. Avoid abrasive cleaners or solvents that may damage the surface.
- **Software Updates:** Periodically check the ATOTO official website for software updates. Keeping the firmware updated can improve performance, add new features, and resolve bugs.
- **Environmental Conditions:** Avoid exposing the unit to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture.
- **Cable Connections:** Ensure all cables are securely connected and free from damage. Loose connections can

lead to intermittent issues.

5. Troubleshooting

This section addresses common issues you might encounter with your ATOTO F7 car stereo. For more complex problems, please contact customer support.

Problem	Possible Cause	Solution
Unit does not power on.	Incorrect wiring, blown fuse, vehicle battery issue.	Check power cable connections (B+, ACC, Ground). Inspect vehicle's fuse box and the unit's fuse. Ensure vehicle battery is charged.
CarPlay/Android Auto connection issues (e.g., stuck, refuses to connect).	Loose USB cable, phone software issue, unit software glitch.	Ensure USB cable is securely connected and is a high-quality data cable. Restart your phone and the car stereo (turn off car ignition and restart). Check for software updates for both your phone and the F7 unit.
Screen blanks out or is unresponsive.	Software glitch, temporary system error.	Perform a hard reset by pressing and holding the power button until the unit restarts, or disconnect the car battery for a few minutes.
No sound or distorted audio.	Incorrect speaker wiring, amplifier issue, volume settings.	Verify speaker connections. Check volume levels and EQ settings. If using an external amplifier, ensure it is powered and connected correctly.
Rearview camera not displaying.	Incorrect camera connection, camera power issue, faulty camera.	Check the camera's video input connection to the unit. Ensure the camera is receiving power (usually from reverse light circuit). Test with a known working camera if possible.

6. Specifications

Feature	Detail
Model Number	F7EU03
Display Size	10.1 inches
Display Type	QLED Touchscreen
Resolution	1280 * 720P
Amplifier	Max. 4*49W & RMS 4*29W
Bluetooth Version	5.0
USB Ports	2 (one for Phone Link, one for storage/playback)
SD Card Slot	1 (supports up to 512 GB)

Feature	Detail
Max Storage Capacity	2TB SSD (via USB)
Camera Input	HD 720P Front & Rear
Connectivity Technology	Bluetooth, USB
Item Weight	6.14 pounds
Package Dimensions	11.06 x 8.66 x 7.99 inches

7. Warranty and Support

ATOTO is committed to providing professional pre and post-sale services. For any inquiries, technical assistance, or warranty claims, please contact ATOTO customer support.

Customer Support Email: support@myatoto.com

Continuous software upgrades are provided to enhance product functionality and user experience.

8. Product Video

Watch the official product video for a visual overview of the ATOTO F7 Extreme Edition Car Stereo's features and capabilities.

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Video 1: ATOTO F7 Extreme Edition F7G110XE Car Stereo Overview. This video demonstrates the key features including the adjustable display, CarPlay/Android Auto, MirrorLink, and live rearview camera functionality.

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