



Manuals.plus /

› ATOTO /

› ATOTO F7 XE Wireless CarPlay & Android Auto Double-DIN Car Stereo User Manual

ATOTO F7 XE

ATOTO F7 XE Double-DIN Car Stereo User Manual

Model: F7 XE (F7G2A7XES01)

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your ATOTO F7 XE Double-DIN Car Stereo. Please read this manual thoroughly before using the product to ensure correct operation and to prevent damage.

2. SAFETY INFORMATION

- Always consult a professional for installation if you are unsure about any wiring or electrical connections.
- Do not operate the device in a way that distracts you from driving. Always prioritize road safety.
- Ensure all connections are secure to prevent short circuits or damage to the unit or vehicle.
- Keep the unit away from water and excessive moisture.
- Do not attempt to disassemble or modify the unit. This may void the warranty and cause damage.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- ATOTO F7 XE Car Stereo Unit
- External Microphone
- Mounting Brackets
- Power Cable
- USB Cables
- GPS Antenna
- User Manual



Figure 3.1: Packaging contents and unit dimensions. The unit measures 172mm x 97mm (front panel) and 180mm x 100mm (main body).

4. INSTALLATION & SETUP

4.1 Physical Installation

The ATOTO F7 XE adopts a Universal Double-DIN Headunit (UDH07D) mounting style. The front panel size is 172mm x 97mm, making it compatible with most double-DIN dash kits. Ensure your vehicle's dash opening accommodates these dimensions.

4.2 Wiring Diagram

Carefully follow the wiring diagram provided. Incorrect wiring can damage the unit or your vehicle's electrical system. Connect the power cable, speaker wires, and other accessories as indicated.

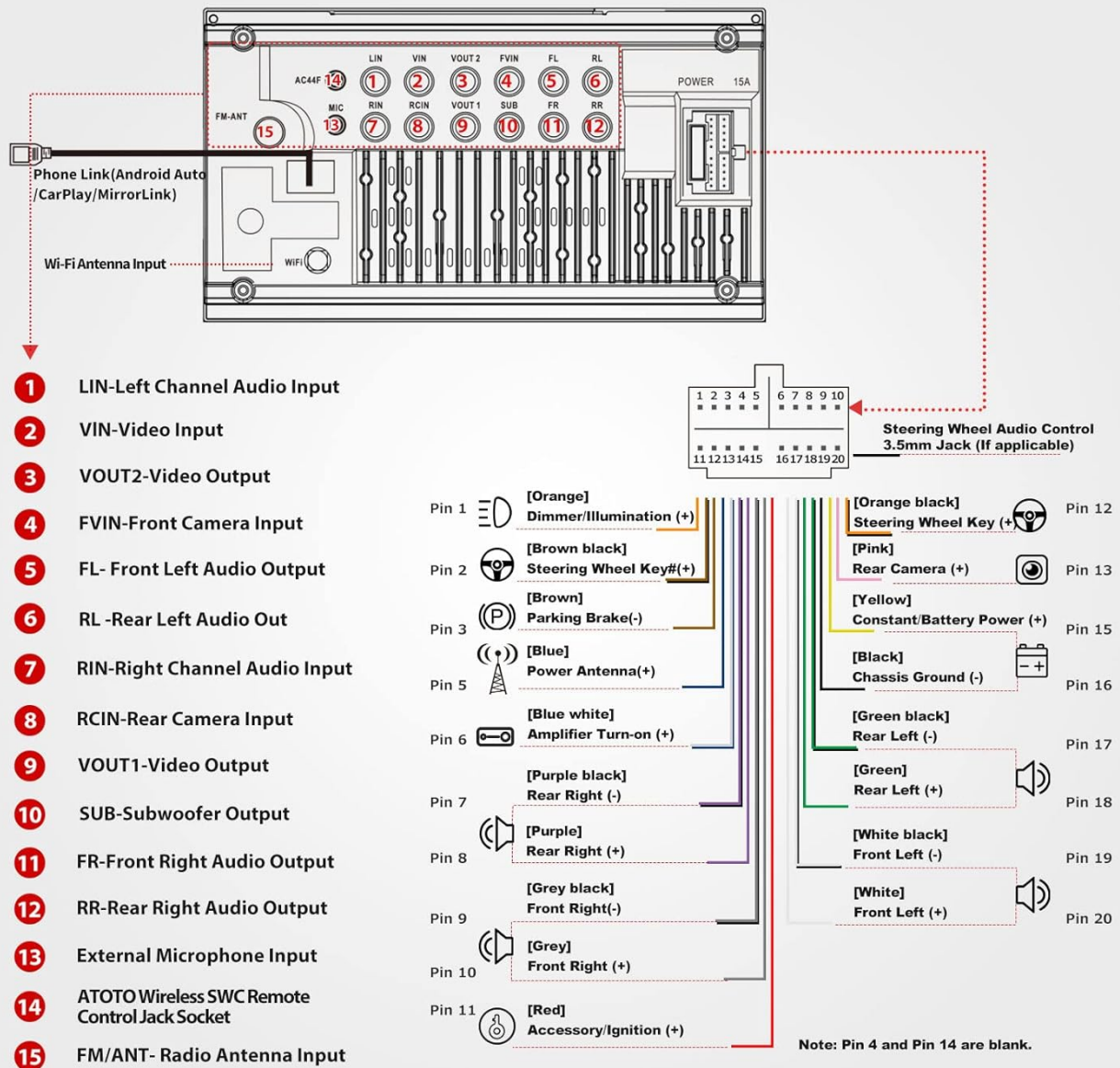


Figure 4.1: Detailed wiring diagram for the ATOTO F7 XE. This includes connections for audio inputs/outputs, power, steering wheel controls, and camera inputs.

- **Power Connection:** Ensure the ACC (Accessory) wire is connected to a switched power source that only receives power when the ignition is on.
- **Speaker Connections:** Connect speakers to the corresponding output channels (FL, FR, RL, RR).
- **Steering Wheel Controls:** If your vehicle has OEM steering wheel controls, connect the SWC Key wires to the appropriate vehicle wires. An optional ATOTO AC-44F5 steering wheel remote can be used if OEM controls are not available or compatible.
- **Camera Inputs:** The unit supports HD 720P front and rear camera inputs.

5. OPERATING INSTRUCTIONS

5.1 Wireless CarPlay and Android Auto

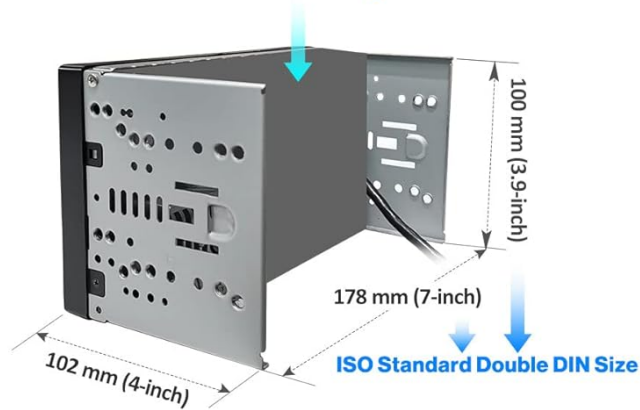
The F7 XE supports both wireless CarPlay and wireless Android Auto. This allows for seamless integration of your smartphone's navigation, music, and communication features onto the head unit's display.

Compatible with almost all dash kits on the market,
and the screen is TRUE 7-inch !



✓ Double DIN 100% Compatible

Much more room for cabling and accessories!



PACKAGING INFORMATION

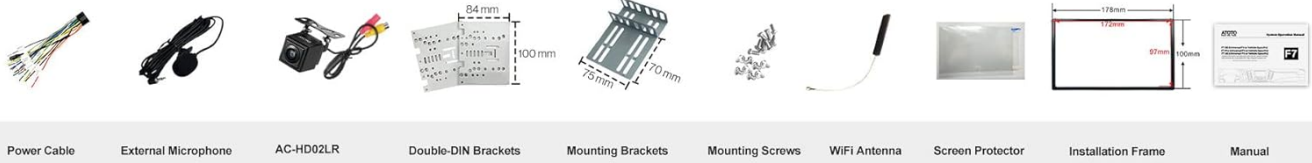


Figure 5.1: The ATOTO F7 XE displaying both Apple CarPlay and Android Auto interfaces, enabling wireless smartphone integration.

- **Pairing:** Enable Bluetooth and Wi-Fi on your smartphone. On the F7 XE, navigate to the CarPlay/Android Auto section and follow the on-screen prompts to pair your device.
- **Navigation & Music:** You can run navigation apps (e.g., Apple Maps, Google Maps, Waze) while listening to music in the background.
- **Phone Charging:** When using wired CarPlay/Android Auto, the unit provides a dedicated charging protocol to significantly increase your phone's battery level.

5.2 Wired MirrorLink (AutoLink)

For devices not supporting CarPlay or Android Auto, or for a direct screen mirror, the F7 XE offers wired MirrorLink (AutoLink) for both Android and iOS devices.



Figure 5.2: Illustration of a smartphone connected via USB for MirrorLink, displaying its screen content on the ATOTO F7 XE.

5.3 Bluetooth Connectivity

The unit features Bluetooth 4.2, supporting HFP/HSP/A2DP/AVRCP/PBAP profiles for hands-free calling and audio streaming.

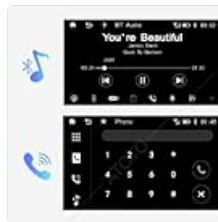


Figure 5.3: Screenshots showing the Bluetooth audio playback and phone dialer interfaces on the ATOTO F7 XE.

5.4 Audio Features

- **Amplifier:** Built-in Max 4*49W amplifier with RMS 4*29W.
- **Equalizer:** 10-band EQ with 7 preset options for sound customization.
- **AM/FM Tuner:** Integrated AM/FM radio tuner.
- **SXM Ready:** Supports SiriusXM (optional tuner required).

5.5 Display and Media Playback

The 7-inch 1024 * 600P QLED touch screen offers high sensitivity and a 178° full-viewing angle for clear visibility even in bright conditions.



Figure 5.4: Comparison illustrating the vibrant color and clarity of the QLED display compared to TN-LCD and IPS-LCD screens.

- **USB Ports:** Two USB ports are available. One for Phone Link (CarPlay, Android Auto, MirrorLink) and another for external multimedia playback (supports up to 2TB SSD).
- **SD Slot:** One SD slot supports cards up to 512 GB for multimedia playback.
- **Video Outputs:** Provides video outputs for connecting headrest monitors.



Figure 5.5: The ATOTO F7 XE connected to two headrest monitors, demonstrating its video output capability for rear-seat entertainment.

5.6 Camera Functions

The unit supports HD 720P front and rear camera inputs. With the ATOTO AC-HD02LR camera (often included), it offers a Live Rear View (LRV) function, allowing you to view the rear camera feed even when driving forward.



Figure 5.6: Display showing both a rear camera view with parking lines (01) and a front camera view (02) on the ATOTO F7 XE screen.

6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the screen and unit. Avoid abrasive cleaners or solvents.
- **Firmware Updates:** ATOTO provides continued firmware updates to improve system performance and add new features. Check the ATOTO online support system (AOCSS) for update notifications and instructions.
- **Temperature:** Avoid exposing the unit to extreme temperatures.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your ATOTO F7 XE unit.

Problem	Possible Cause	Solution
Unit does not power on.	Incorrect power wiring; Blown fuse.	Check power cable connections (ACC, B+, GND). Verify vehicle fuse and unit's fuse.
No sound from speakers.	Incorrect speaker wiring; Volume too low; Mute activated.	Check speaker connections. Increase volume. Disable mute function.
CarPlay/Android Auto disconnects frequently or doesn't connect.	Weak Wi-Fi/Bluetooth signal; Phone settings; Firmware issue.	Ensure phone's Wi-Fi and Bluetooth are stable. Check phone settings for CarPlay/Android Auto permissions. Update unit firmware. Try disabling 'Sync' on your phone if applicable.
Screen freezes or blacks out.	Software glitch; Power fluctuation.	Perform a soft reset (refer to manual for specific button combination or power cycle the vehicle). Ensure stable power supply. Update firmware.
USB/SD card not recognized.	Incompatible format; Faulty media; Incorrect port.	Ensure media is formatted correctly (e.g., FAT32, NTFS). Try a different USB drive/SD card. Use the correct USB port for multimedia playback.
Date and time are incorrect.	Time synchronization settings.	Adjust date/time settings in the unit's menu. Ensure GPS antenna is connected for automatic time synchronization if available. Disable 'Sync' if it causes issues with Android Auto.

8. SPECIFICATIONS

- **Brand:** ATOTO
- **Model Number:** F7 XE (F7G2A7XES01)
- **Display:** 7-inch 1024*600P QLED Touch Screen, 178° Full-Viewing Angle
- **Amplifier:** Built-in Max 4*49W, RMS 4*29W
- **Equalizer:** 10-Band EQ with 7 Presets
- **Bluetooth:** Version 4.2 (HFP/HSP/A2DP/AVRCP/PBAP)
- **Connectivity:** Bluetooth, USB, Wi-Fi
- **Phone Link:** Wireless CarPlay, Wireless Android Auto, Wired MirrorLink (AutoLink) for Android and iOS
- **USB Ports:** 2 (1 for Phone Link, 1 for Multimedia Playback up to 2TB SSD)
- **SD Slot:** 1 (Supports up to 512 GB SD card)
- **Camera Inputs:** HD 720P Front and Rear Camera Inputs (supports Live Rear View with ATOTO AC-HD02LR camera)
- **Radio Tuner:** AM/FM (SXM Ready - optional tuner required)
- **Audio Output:** Mono, Stereo, Speakers
- **Control Method:** App, Remote, Touch, Voice
- **Special Features:** Keep OEM Steering Wheel Control, Wired Phone Charging Protocol

9. WARRANTY AND SUPPORT

ATOTO offers ongoing support and firmware updates for the F7 XE. For warranty information, technical assistance,

or to access the latest firmware, please visit the official ATOTO online support system (AOCSS).
Regularly checking for firmware updates ensures optimal performance and access to new features.