ATOTO F7A01-US01

ATOTO F7 Car Stereo Receiver Instruction Manual

Model: F7A01-US01

Brand: ATOTO

1. Introduction

The ATOTO F7 CarPlay & Android Auto Double Din Car Stereo Receiver (Model: F7A01-US01) is designed to seamlessly integrate your smartphone with your vehicle's audio system. Featuring a 7-inch IPS touch screen, Bluetooth connectivity, MirrorLink, fast phone charging, and HD Live Rearview support, this unit enhances your driving experience with modern functionality.



Figure 1: ATOTO F7 Car Stereo Receiver with key features highlighted.

2. What's in the Box

Upon opening the package, you will find the following components:

- ATOTO F7 Main Unit (7-inch IPS Touch Screen)
- Plastic Bezel
- Metal Mounting Brackets
- Wi-Fi Antenna
- Main Wiring Harness
- External Microphone
- Backup Camera (if included in package)
- Wiring for Backup Camera
- User Manual and Documentation

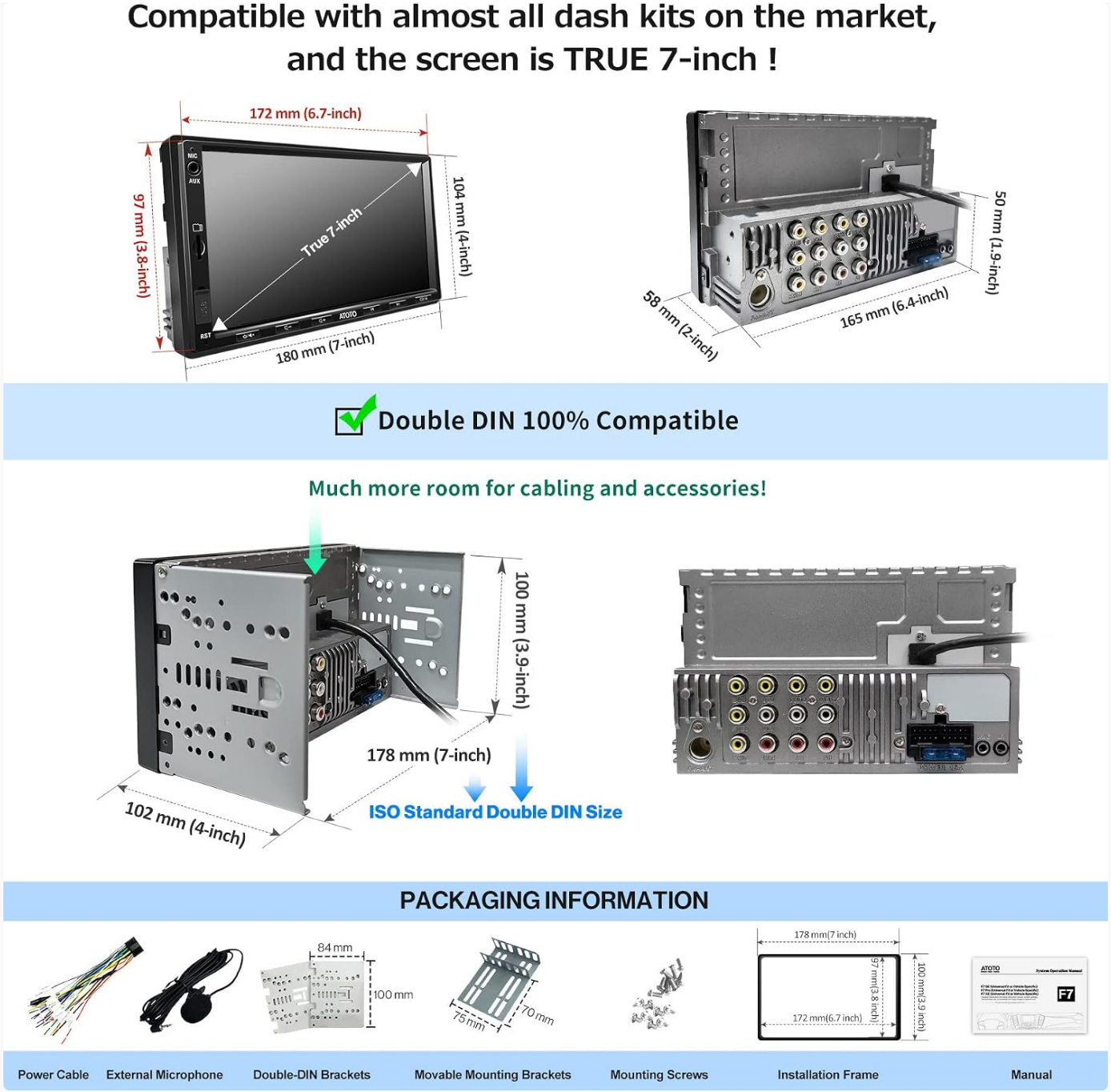


Figure 2: All components included in the ATOTO F7 package.

3. Setup and Installation

The ATOTO F7 is designed for double DIN installation. Its short chassis (51-mm deep) provides more room for cables and accessories behind the unit. For a clean and secure installation, you may need a vehicle-specific wiring harness and dash kit (not included). Always refer to your vehicle's specific installation guides and consider professional installation if you are unfamiliar with car audio systems.

3.1. Wiring Connections

Connect the supplied main wiring harness to the back of the unit. The free end of this harness will connect to your vehicle's wiring harness kit. Ensure all connections are secure to prevent issues like black screens or unstable phone connections.

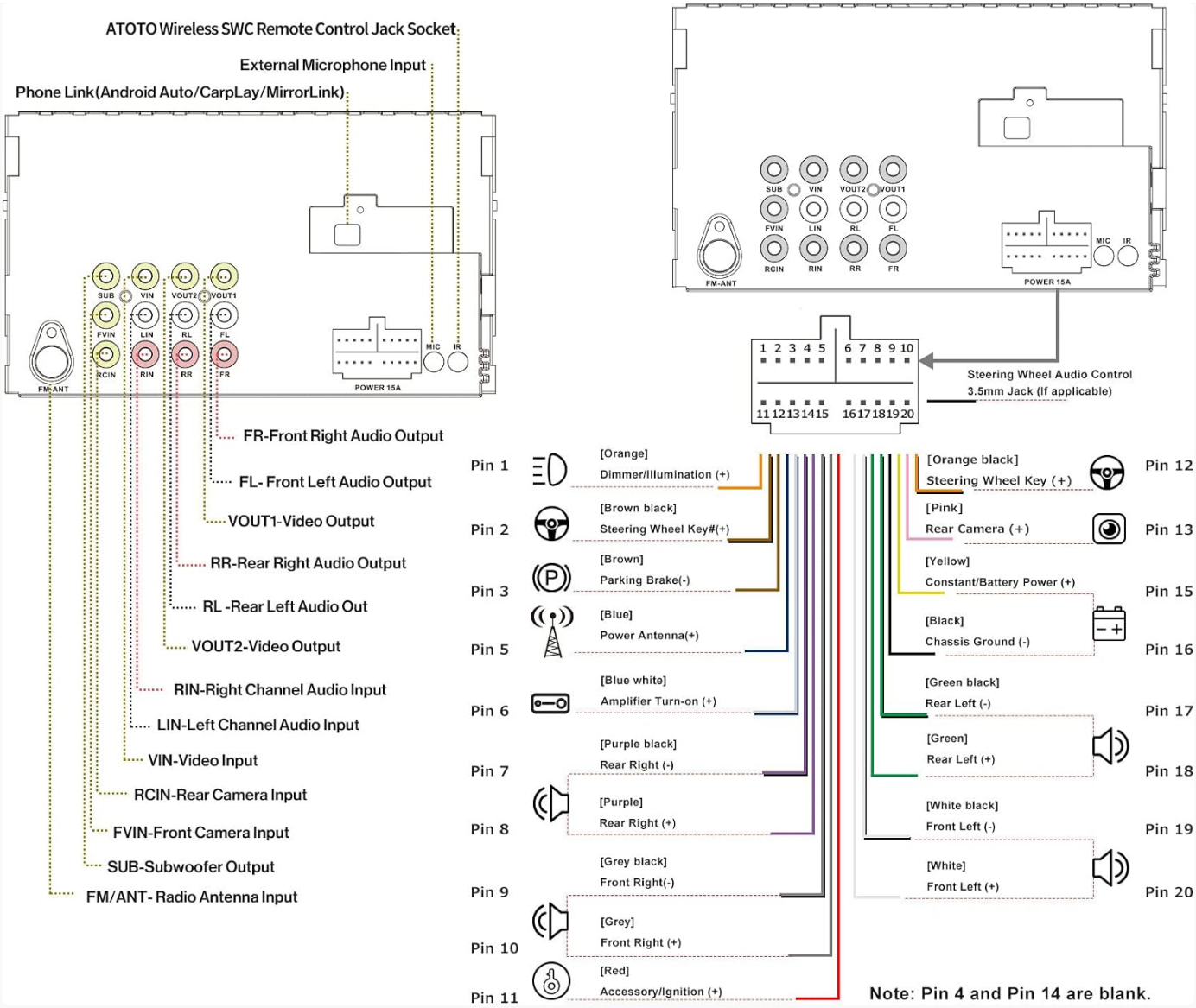


Figure 3: Detailed wiring diagram for the ATOTO F7 unit.

3.2. Physical Installation

Use the provided metal brackets and plastic bezel to securely mount the unit into your vehicle's double DIN opening. The true 7-inch screen (172 mm * 97 mm) is designed to fit most North American dashboard mounting frames.

4. Operating Instructions

4.1. CarPlay & Android Auto

The ATOTO F7 features built-in wired CarPlay and Android Auto. Simply plug your iPhone (iOS 7.1 or higher) or Android phone (Android 6.0 or higher) into the dedicated "Phone Link" USB port. The system will automatically launch the respective interface within approximately 3 seconds. This allows you to access navigation (Google Maps, Waze), make calls, send/receive messages, and stream music directly from your phone to the F7's display. The unit also supports fast charging (max. 1.5 A) for your connected smartphone.



Figure 4: CarPlay interface on the ATOTO F7.



Figure 5: Android Auto interface on the ATOTO F7.

4.2. MirrorLink

The AutoLink (MirrorLink) option allows you to cast your phone's screen to the F7's display, enabling access to apps and content not natively supported by CarPlay or Android Auto. Compatibility may vary with certain video streaming services.



Figure 6: MirrorLink functionality on the ATOTO F7.

4.3. HD Live Rear-View (LRV)

With the optional ATOTO AC-HD02LR rear view camera (sold separately), the F7 supports HD 720P rear view video display. The Live Rear-View (LRV) feature allows you to view the rear camera feed even when the vehicle is moving forward, providing enhanced situational awareness.



Figure 7: HD Rear View Camera Input and Live Rear-View (LRV) feature.

4.4. Other Features

- **AM/FM Radio:** Built-in tuner with RBDS support for quality audio.
- **Bluetooth 4.2:** Supports hands-free calls and A2DP music streaming.
- **USB Multimedia Playback:** Supports media files from USB storage devices (up to 2TB SSD) and MicroSD cards (up to 512GB). Both must be in FAT32 or NTFS format.
- **Steering Wheel Keys:** Supports function mapping to original steering wheel keys (conditions may apply).
- **Video Output:** 2 RCA Headrest Video Outputs for connecting to external displays.

5. Settings

The ATOTO F7 offers various settings to customize your experience. Access these through the main menu.

5.1. System Settings

- **Language:** Adjust the system language.
- **Date & Time:** Set the current date and time.
- **Beep Tone:** Enable or disable touch feedback sounds.
- **Steering Wheel Position:** Configure for left or right-hand drive.
- **Steering Wheel Control Select:** Map functions to your vehicle's steering wheel controls.
- **Factory Reset:** Restore the unit to its default settings.
- **About Device:** View software and hardware versions.

5.2. Display Settings

- **Daylight Dimming Level:** Adjust screen brightness for daytime.
- **Night Dimming Level:** Adjust screen brightness for nighttime.
- **Panel Key Lighting:** Change the color of the physical buttons.
- **Wallpaper:** Select from pre-loaded wallpapers or custom images (from USB/SD).
- **Video Prohibition Switch:** Control video playback restrictions while driving.
- **Boot Logo Settings:** Choose a manufacturer logo to display on startup.

5.3. Audio & EQ Settings

- **EQ:** Access the 10-band equalizer with 7 presets (Standard, R&B, Rock, Pop, Hip Hop, Jazz, Dance) and a custom option.
- **Volume:** Adjust overall volume levels.
- **Balance/Fader:** Adjust audio balance between left/right and front/rear speakers.
- **Subwoofer Output:** Enable/disable subwoofer output.
- **Subwoofer Filter:** Set the subwoofer crossover frequency.
- **Subwoofer Level:** Adjust subwoofer output level.
- **Enable Audio In Rear View:** Control audio output during rear view camera display.

5.4. Radio Settings

- **Region:** Select your radio region.
- **RBDS:** Enable/disable Radio Broadcast Data System.
- **Sync Time:** Synchronize time with radio broadcast.

5.5. Wi-Fi Settings

- **Wi-Fi:** Turn Wi-Fi on/off.
- **Device Information:** View Wi-Fi device details.
- **Password:** View or reset Wi-Fi password.

5.6. Bluetooth Settings

- **Connection:** Manage Bluetooth connection.
- **Auto Answer:** Enable/disable automatic call answering.
- **Search:** Search for Bluetooth devices.
- **Device Name:** View the unit's Bluetooth name.
- **Clear Records:** Clear paired Bluetooth device records.

5.7. Camera Settings

- **Rear Camera Input:** Enable/disable rear camera input.
- **Rear Camera View:** Adjust rear camera view (Normal/Mirror).
- **Parking Assist Guide:** Enable/disable parking assist lines.
- **Parking Assist Guide Adjust:** Adjust parking assist line position.
- **Front Camera View:** Adjust front camera view (Normal/Mirror).

6. Maintenance

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

- Keep the screen clean using a soft, lint-free cloth. Avoid abrasive cleaners.
- Ensure proper ventilation around the unit to prevent overheating.
- Regularly check for and install firmware updates from ATOTO to ensure fewer bugs and access new features. Login to AOCSS for more information.

7. Troubleshooting

If you encounter issues with your ATOTO F7, consider the following common solutions:

- **Connection Issues (Black Screen, Unstable Phone Connection):** Ensure you are using factory/original USB cables for Android Auto/CarPlay/MirrorLink connections. Non-manufacturer-made USB cables can often cause these problems.
- **Unit Not Turning On:** Check the vehicle's fuses and the unit's power connections. If the issue persists, a factory reset might be necessary.
- **Display Problems (Dark Mode/Bright Mode Cycling):** This could be temperature-related or a firmware issue. Try performing a reset on the unit after the car has warmed up. Check for available firmware updates.
- **Rear Camera Not Activating Automatically:** Verify camera settings in the menu tree. Ensure the camera is properly connected and configured to activate when shifting into reverse.

8. Specifications

Feature	Detail
Package Dimensions	10.91 x 8.35 x 8.11 inches
Item Weight	2.86 pounds
ASIN	B08QGZMCYQ
Item model number	F7A01-US01
Date First Available	December 13, 2020

Manufacturer	ATOTO
Brand	ATOTO
Connectivity Technology	Bluetooth, USB, FM/AM
Controller Type	Linux
Special Feature	Touchscreen
Compatible Devices	Smartphone
Total HDMI Ports	1
Connector Type	USB, SD
Audio Encoding	Stereo
Audio Output Mode	Stereo
Surround Sound Channel Configuration	2.0

9. Warranty and Support

ATOTO provides continued firmware updates for their products. For the latest updates and support, please log in to AOCSS (ATOTO Customer Online Support System).
For any issues or inquiries, you may also contact ATOTO Customer Support directly.

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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.

Name

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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