



S8LF1509ADM

Vehicle-Specific ScenePilot Car Stereo

Quick Installation Guide

Thank you for choosing ATOTO!

This guide provides the essentials for a smooth installation, covering critical wiring and common troubleshooting.

Scan the QR code provided in this guide to access your product's exclusive Eproductcare page. There you can find the latest manuals, system updates, feature subscriptions service and more.

If you need assistance during installation, our professional technical support team is here to help. For complex installations, we strongly recommend consulting a certified professional installer.

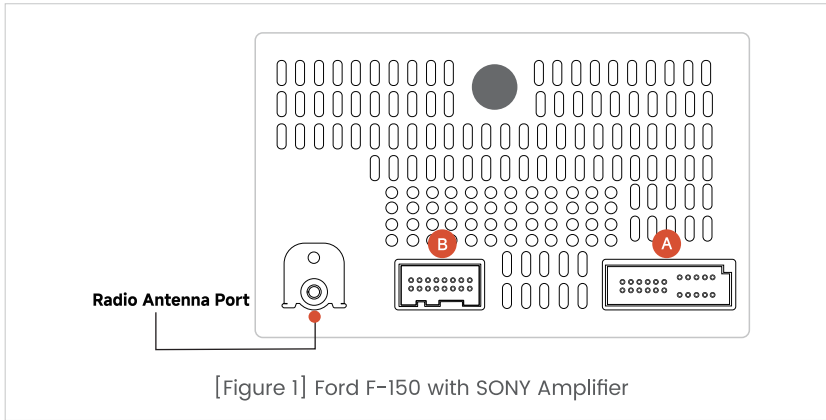
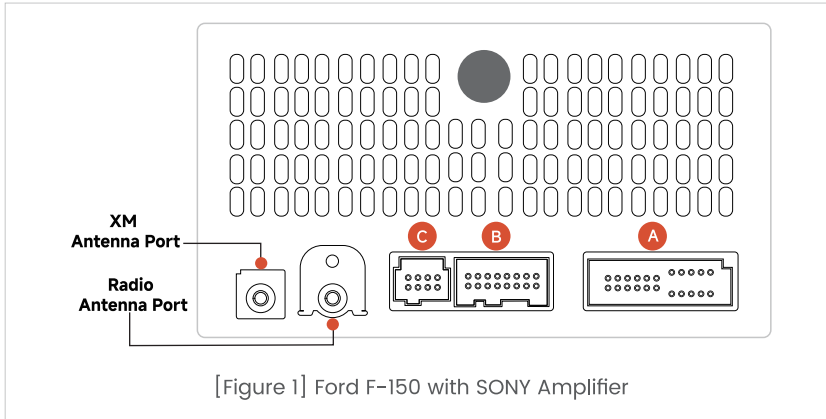
ATOTO — Enhancing every drive with joy and convenience.



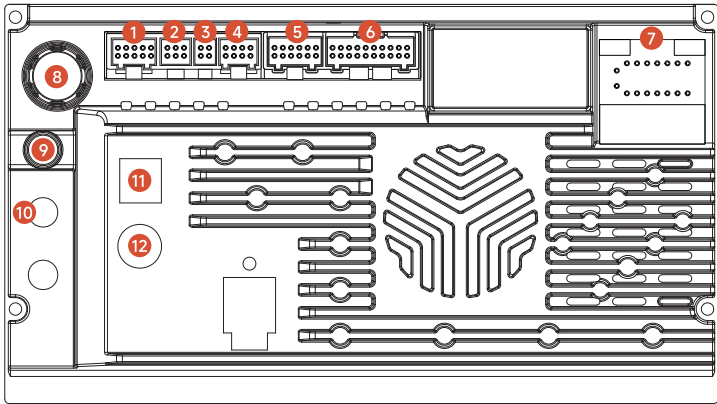
Support@atotoglobal.com
Print Version: F150-SV-01

1. Factory Head Unit Rear Port Layout Reference

The figures below show the rear port layouts of some factory head units. Please refer to the port markings in the figures and the wiring instructions that follow to complete the installation.



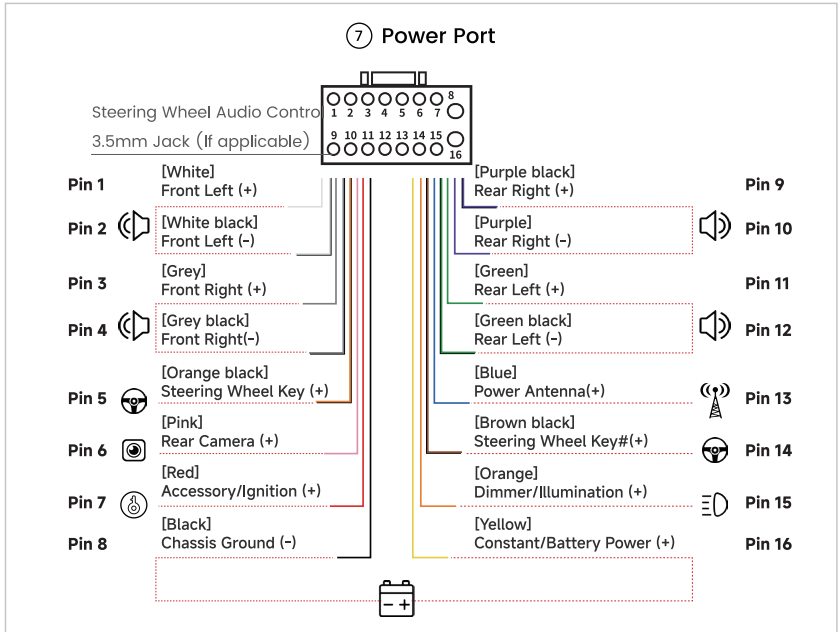
2. Wiring Instruction



[Figure 3] Rear Port Layout of the ATOTO Car Stereo

①	Rear Camera Input (RCIN)/Bluetooth Antenna/Wi-Fi Antenna/Parking Brake (-)	
②	USB2 & USB3	
③	USB1 (for DVR or External Storage)	
④	CAN Bus Decoder Port	refer to the Power Harness instructions later in this guide
⑤	Front DVR Camera/In-Car Camera (Optional)	/
⑥	4G SIM/Subwoofer Out (SUB)/Video Input (VIN)/Left Channel Auxiliary Input (LIN)/Right Channel Auxiliary Input (RIN)/Front Right Audio Out (FR)/Front Left Audio Out (FL)/Amplifier Turn-on (+)	
⑦	Power Port	

⑧	Radio Antenna Input Port	
⑨	Microphone Input Port	
⑩	GPS Antenna Port	
⑪	Optical SPDIF Output Port	/
⑫	Coaxial Output Port	/



Important Note

For Ports A/B/C/D, refer to the 'Factory Head Unit Rear Port Layout Reference' in Part 1. For all numbered ports, refer to Figure 3.

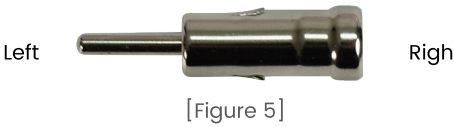
Radio Antenna (select one based on factory configuration)

Case 1



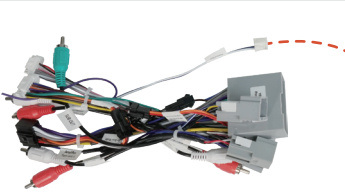
Plug the L-shaped antenna connector (left) into Port 8. Then connect the cylindrical connector (right) to the factory radio antenna.

Case 2

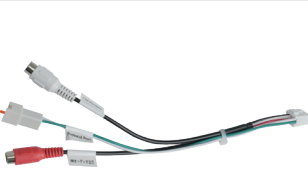


- The left side (male pin) connects to the Radio Antenna port (Port 8) on the rear of the ATOTO car stereo.
- The right side (female connector) connects to the factory radio antenna plug removed from the factory head unit.

Power Harness



[Figure 6]



[Figure 7]

Wire Label & Color	Connect to	Note
YF-FOI-2/A Power Harness (gray)	Factory plug removed from Port A	/
B (gray)	Factory plug removed from Port B	/
C (gray)	Factory plug removed from Port C	/
16-Pin Power Plug (black)	Port 7	/
Protocol Port (blue and white)	Port 4	For external amplifier use: ① Connect the blue/white wire connector to the green/white wire connector. ② Insert 8-Pin plug into Port 4.
AUX Audio OUT (Left)/(Right)	Port 6 RCA cable (Left Channel Auxiliary Input/Right Channel Auxiliary Input)	Vehicle with SYNC audio system
Left Channel Auxiliary Input (LIN)/ Right Channel Auxiliary Input (RIN)		vehicle does not have the SYNC system (low trims)
16-Pin & 20-Pin Connector (white)	Corresponding port on the CAN Bus Decoder	/
Amplifier Turn-on (+)	Port 6 RCA cable (same label)	Secure the connection with electrical tape. Avoid contact with the ground wire to prevent short circuits.

Wire Label & Color	Connect to	Note
SUBR OUT (red)/ SUBL OUT (white) (Select one based on which pins are present in the factory plug.)	Port 6 RCA cable "Subwoofer Out (SUB)"	Applicable to factory head units with the Port C
ACC/Illumination for Base Model (integrated in 16-Pin Power Plug)	CAN Bus Decoder ACC Adapter (20-Pin white plug)	Pre-wired by default
	ACC/Illumination for Base Model	For non-protocol base models with ACC power-on issues

3. Troubleshooting Table		
No.	Problem Description	Solution
1	No audio after installation	Verify that the Amplifier Turn-on (+) wire on "YF-FOI-2/A Power Harness" is securely connected to the RCA Amplifier Turn-on (+) wire.
2	No door warning sound after installation	Ensure the small speaker is securely connected.
3	The unit does not power on	1. Verify that the B+ (constant 12V), ACC (ignition signal), and chassis ground wires are securely and correctly terminated. 2. Use a multimeter to test if the voltage of the unit's ACC (Red Wire) is correct. If there is no voltage, check the wiring connections. If the wiring is correct, confirm whether the current vehicle model requires decoding via the CAN Bus decoder. 3. If input power is present and the fuse is intact, but the device remains unresponsive, replace the motherboard or car stereo.
4	GPS signal reception issues	1. Verify the GPS antenna is securely connected. The recommended mounting location is the interior A-pillar or above the center console. 2. GPS functionality may be limited in high-rise density areas or by adverse weather.
5	Reverse camera malfunction	1. If the screen does not switch to the reverse interface when in reverse gear, check for voltage on the Rear Camera (integrated in the 16-Pin power plug). 2. If the screen switches but remains blank, verify that the aftermarket camera is receiving adequate power.
6	Radio reception issues	Verify that the antenna is properly and firmly connected.

7	DVR recording issues	1. Check whether the ATOTO car stereo is connected to external USB storage. 2. Check if the USB drive is connected to the unit's 4P USB port. This port is designated for video recording storage. We recommend using a USB drive with a 2.0 or higher speed, or a TF/MicroSD card rated U3 or faster. 3. Check if the storage device capacity is insufficient. Appropriately delete files to free up space or format the device.
8	CAN Bus not working	1. First, connect the connectors of the power harness to the corresponding factory plugs, ensuring the power harness is securely connected to the 20-pin power port on the CAN Bus protocol box. 2. Next, locate the communication cable from the CAN Bus protocol box to the ATOTO car stereo (typically an 8-pin connector, often labeled "protocol port"). 3. Finally, confirm that this connector is firmly and correctly inserted into the 8-Pin protocol port on the ATOTO car stereo. Make sure the "CarType Setting" in the Factory Settings is set correctly. For detailed setup instructions, refer to the User Manual.

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FCC Warning:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.