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TAFFIO TJ-S40

TAFFIO 10.25-inch Touchscreen Android Navigation System

USER MANUAL FOR VOLVO S40, C30, C70, V50 (MODEL TJ-S40)

1. Introduction

This manual provides comprehensive instructions for the installation, operation, and maintenance of your TAFFIO 10.25-inch Touchscreen Android Navigation System. This system is designed to integrate seamlessly into Volvo S40, C30, C70, and V50 models from 2004-2013, offering advanced navigation, entertainment, and communication features.

Please read this manual thoroughly before installation and use to ensure proper function and to maximize your experience with the device. Keep this manual for future reference.

2. Safety Information

- Always prioritize safe driving. Do not operate the system in a way that distracts you from the road.
- Ensure all connections are secure and correctly installed to prevent electrical hazards or damage to the vehicle's systems.
- Do not attempt to disassemble or modify the unit. This may void the warranty and cause damage.
- Consult a professional for installation if you are unsure about any steps.
- Keep the screen clean and free from obstructions to maintain clear visibility.

3. Setup

3.1 Package Contents

Before beginning installation, verify that all components are present in the package:

- 1x Android multimedia system
- 1x Power Cable
- 1x CAN-BUS Decoder
- 2x USB cable

- 1x RCA Plugs & Sim Card Slot cable
- 1x Rear camera input cable
- 1x GPS Antenna
- 1x 4G Antenna

Delivery Content



Android Multimediasystem



Power Cable + CAN-BUS Decoder



RCA Plugs + SIM - Slot



Rear Camera In Cable



2x USB Cable



GPS - Antenna



4G - Antenna

Figure 3.1: Included components of the TAFFIO Android multimedia system.

3.2 Installation

The TAFFIO Android multimedia system is designed for Plug & Play installation, minimizing the need for additional adapters or mounting frames. However, careful attention to connections is required.

1. **Preparation:** Ensure the vehicle's ignition is off and the battery is disconnected before starting installation.
2. **Remove Original Unit:** Carefully remove the existing car radio or display unit from your Volvo dashboard. Refer to your vehicle's service manual for specific instructions on removing dashboard components.

3. **Connect Main Unit:** Connect the main power cable (B) from the TAFFIO system to the original main unit's wiring harness.
4. **Connect to TAFFIO Radio:** Connect the appropriate cable (A) to the TAFFIO Android multimedia system.
5. **LCD Plug Connection:** Connect the original LCD plug (C) to the designated port on the TAFFIO system.
6. **SIM Card Slot:** Insert your 4G LTE SIM card into the provided slot (D) if you intend to use mobile internet without Wi-Fi.
7. **Additional Connections:** Connect the GPS antenna, 4G antenna, USB cables, RCA plugs, and rear camera input cable to their respective ports on the TAFFIO system. Ensure the CAN-BUS decoder is correctly integrated into the wiring harness (E) to support steering wheel controls and vehicle settings.
8. **AUX Input Verification:** It is crucial to determine if your original Volvo radio has an AUX (Auxiliary Audio Input). This information may be necessary for proper audio integration.
9. **Test Functionality:** Before fully reassembling the dashboard, reconnect the battery and test the system's basic functions, including power on/off, audio, touchscreen response, and steering wheel controls.
10. **Final Assembly:** Once functionality is confirmed, carefully reassemble the dashboard components, ensuring no wires are pinched.

Installation

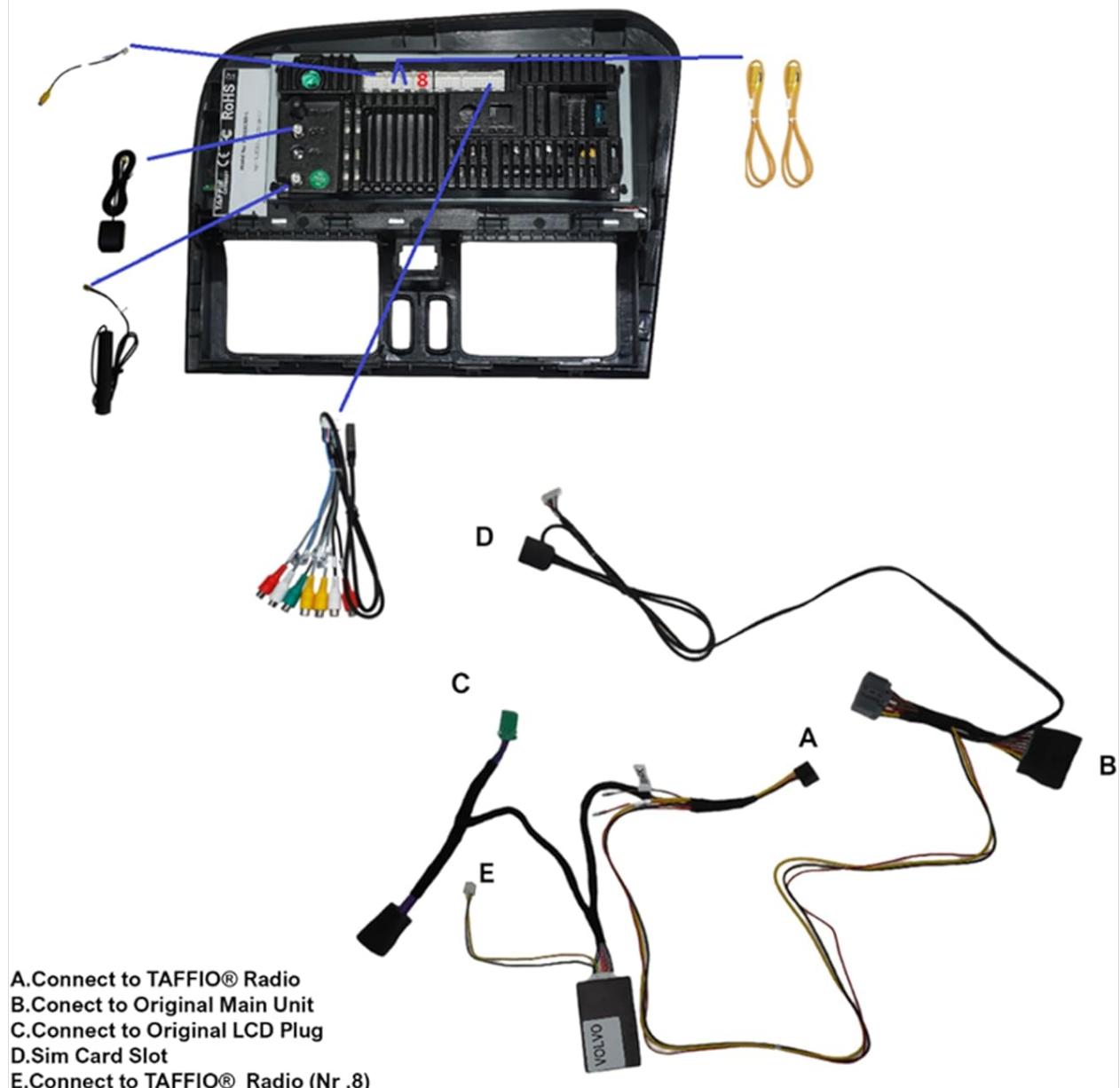


Figure 3.2: Installation diagram for the TAFFIO Android multimedia system.



Figure 3.3: TAFFIO system installed in a Volvo dashboard, showing the main interface and rearview camera view.

4. Operating Instructions

4.1 Powering On and Initial Setup

After installation, turn on your vehicle's ignition. The system will boot up, displaying the TAFFIO logo. The initial boot may take slightly longer. Follow any on-screen prompts for language selection and basic Android setup.

4.2 User Interface and Navigation

The system features an intuitive user interface with a 3D graphical display. Control is primarily via the capacitive multitouch screen. You can also use the vehicle's original steering wheel controls, which are supported by the system.



Figure 4.1: Main menu of the TAFFIO Android system.



Figure 4.2: Android applications screen.

4.3 Connectivity

- **Wi-Fi:** Connect to available WLAN hotspots or your smartphone's hotspot for internet access. Navigate to Settings > Network & Internet > Wi-Fi.
- **4G LTE:** If a SIM card is installed, the system will automatically connect to the mobile network for internet access.
- **Bluetooth:** Pair your mobile phone for hands-free calling and A2DP music streaming. Go to Settings > Connected devices > Pair new device. The system supports synchronization of phone book contacts.

- **USB:** Use the provided USB cables to connect external storage devices for music, pictures, and videos.

4.4 Navigation

The system comes with pre-installed GPS navigation map material and offers free lifetime updates. Access navigation through the dedicated 'Maps' or 'Navigation' app icon. The system supports 2-Zone function, allowing you to listen to radio or music while navigating.



Figure 4.3: Wireless Carplay navigation interface.

4.5 CarPlay & Android Auto

The system features integrated CarPlay and Android Auto functionality without requiring an additional adapter. Connect your compatible smartphone via USB or wirelessly (if supported by your phone and the system) to access these features.



Figure 4.4: Android Auto interface.

4.6 Multimedia Features

- **Radio:** FM/AM tuner with RDS (Radio Data System) for displaying station names.
- **Media Playback:** Play music, videos, and view pictures from USB drives or internal storage.
- **Equalizer:** Customize audio settings with preset EQ modes (Pop, Classic, Rock, Jazz) or user-defined Bass/Treble/Balance controls.
- **Back-Zone Function:** Allows navigation on the front screen while passengers in the back can watch TV or video (requires additional rear displays).

4.7 Vehicle Integration

The system supports various vehicle-specific functions:

- **Steering Wheel Controls:** Retains original steering wheel control functionality.
- **Vehicle Settings:** Access and adjust certain vehicle settings through the system interface.
- **Rearview Camera:** Automatic switching to the rearview camera display when reversing.
- **Day and Night Display:** Automatic or manual adjustment of screen brightness for optimal visibility.



Figure 4.5: Vehicle personalization settings.

5. Maintenance

- **Screen Cleaning:** Use a soft, lint-free cloth to clean the touchscreen. For stubborn marks, lightly dampen the cloth with water or a screen-safe cleaner. Avoid abrasive materials or harsh chemicals.
- **Software Updates:** Periodically check for software updates to ensure optimal performance and access to new features. Updates can typically be found through the system's settings or TAFFIO's official support channels.
- **General Care:** Avoid exposing the unit to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture.

6. Troubleshooting

This section addresses common issues you might encounter with your TAFFIO Android Navigation System.

Problem	Possible Cause	Solution
No power / System does not turn on	Incorrect wiring; Blown fuse; Vehicle battery issue	Check all power connections. Verify vehicle fuses. Ensure vehicle battery is charged.
No sound	Volume too low; Mute activated; Incorrect audio output settings; Wiring issue	Increase volume. Check if mute is active. Verify audio settings. Inspect speaker wiring. Ensure AUX input is correctly configured if applicable.
Touchscreen unresponsive or inaccurate	Software glitch; Screen dirty; Physical damage	Restart the system. Clean the screen. If issue persists, contact support.

Problem	Possible Cause	Solution
GPS signal lost or inaccurate	GPS antenna obstructed or disconnected; Environmental interference	Ensure GPS antenna is properly connected and has a clear view of the sky. Move to an open area.
Bluetooth connection issues	Device not in pairing mode; Interference; Software issue	Ensure both devices are in pairing mode. Restart both devices. Clear Bluetooth cache on phone.
CarPlay/Android Auto not connecting	Incorrect USB cable; Phone software issue; System software issue	Use a high-quality USB data cable. Ensure phone's CarPlay/Android Auto settings are correct. Restart phone and system.
Steering wheel controls not working	CAN-BUS decoder not connected; Incorrect settings	Verify CAN-BUS decoder connection. Check system settings for steering wheel control configuration.

If you encounter an issue not listed here or if the suggested solutions do not resolve the problem, please contact TAFFIO customer support for further assistance.

7. Specifications

Feature	Detail
Model Name	TJ-S40
Display Size	10.25 Inches
Operating System	Android 10
Processor	Octa-Core 1.8Ghz CPU
RAM	4 GB
Internal Storage	64 GB Flash
Connectivity	Bluetooth, USB, Wi-Fi, 4G LTE (SIM card slot)
Special Features	Touchscreen, Integrated CarPlay & Android Auto, GPS Navigation, RDS Radio, Rear Camera Input
Map Type	Worldwide (with free lifetime updates)
Audio Output Mode	Stereo
Mounting Type	Dashboard Mount
Compatible Vehicles	Volvo S40, C30, C70, V50 (2004-2013)

8. Warranty and Support

8.1 Warranty Information

Your TAFFIO 10.25-inch Touchscreen Android Navigation System comes with a**2-year manufacturer's warranty**. This warranty covers defects in materials and workmanship under normal use. Please retain your purchase invoice as proof of purchase for warranty claims.

The warranty does not cover damage caused by improper installation, misuse, accidents, unauthorized modifications, or normal wear and tear.

8.2 Customer Support

For technical assistance, warranty claims, or any questions regarding your TAFFIO product, please contact TAFFIO customer support through the retailer where you purchased the device or visit the official TAFFIO website for contact information.