

TAFFIO TXH6701-4

TAFFIO TXH6701-4 Android Head Unit Instruction Manual

For Porsche Macan with PCM 4.0 (12.3" Touchscreen)

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your TAFFIO TXH6701-4 Android Head Unit. This device integrates advanced navigation, communication, and entertainment features into your Porsche Macan, enhancing your driving experience.

2. PRODUCT OVERVIEW

The TAFFIO TXH6701-4 is a 12.3-inch touchscreen Android head unit designed to seamlessly integrate with Porsche Macan vehicles equipped with PCM 4.0. It offers a high-resolution display and a comprehensive suite of features.

Key Features:

- 1920 x 720 Full HD Video Resolution Capacitive Touchscreen Display
- Intuitive 3D User Interface
- Powered by a Snapdragon Qualcomm 668s 8-core processor (2.0 GHz) with 8 GB RAM and 128 GB internal storage
- Integrated Wireless Apple CarPlay and Android Auto functionality
- Built-in Wi-Fi for direct connection to hotspots
- 4G LTE SIM card slot for mobile internet connectivity
- FM/AM radio tuner with RDS
- USB slots for media playback
- Bluetooth A2DP for music streaming
- Supports original car functions including rearview camera and parking distance control (PDC)
- Automatic screen brightness adjustment (Day & Night Display function)
- Subwoofer output, 4x audio output, 2x video out, 1x AUX video in



Figure 2.1: The TAFFIO TXH6701-4 Android Head Unit displaying its main interface with various application icons.

3. COMPATIBILITY

This head unit is compatible with Porsche Macan models from 2017 onwards that are equipped with the PCM 4.0 system. It is crucial to verify your vehicle's current system to ensure proper functionality.

Compatibility

PCM 3.1



PCM 4.0



Figure 3.1: Visual guide for identifying PCM 3.1 (incompatible, marked with a red X) versus PCM 4.0 (compatible, marked with a green checkmark) in a Porsche Macan dashboard.

4. PACKAGE CONTENTS

Please ensure all items listed below are present in your package before proceeding with installation.

- 1x Multimedia Display
- Panels and mounting accessories

- 1x Power cable with Canbus decoder
- 2x USB cables
- 2x Radio antenna adapters
- 1x Audio/Video cable
- 1x GPS antenna
- 2x 4G antennas
- 1x PDF manual (available for download)
- 1x Invoice and 24 months warranty information



Figure 4.1: An overview of all components included in the TAFFIO TXH6701-4 package, including the multimedia display, power cables, antennas, and various adapters.

5. SETUP AND INSTALLATION

The TAFFIO TXH6701-4 is designed for a Plug & Play installation, minimizing the need for additional adapters or mounting frames. However, professional installation is recommended to ensure correct wiring and functionality.

Installation Steps (General Guide):

1. **Preparation:** Ensure the vehicle's ignition is off and the battery is disconnected before starting.
2. **Remove Original Unit:** Carefully remove the existing PCM unit and associated trim panels from the dashboard. Refer to your vehicle's service manual for specific instructions on panel removal.
3. **Connect Wiring:** Connect the provided power cable with the Canbus decoder to the vehicle's wiring harness. Connect the GPS antenna, 4G antennas, USB cables, and audio/video cables as indicated in the wiring diagram.
4. **Mount New Unit:** Secure the TAFFIO multimedia display using the provided mounting plates and frames. Ensure all connections are firm and properly routed to avoid pinching.
5. **Test Functionality:** Reconnect the battery and turn on the ignition. Test all functions of the new head unit, including touch response, audio, navigation, radio, and connectivity features.
6. **Reassemble:** Once all functions are verified, carefully reassemble the dashboard trim panels.

Before Installation



After Installation



Figure 5.1: The Porsche Macan dashboard showing the original PCM unit before the installation of the TAFFIO Android Head Unit.



Figure 5.2: The Porsche Macan dashboard after the successful installation of the TAFFIO Android Head Unit, showcasing its integrated appearance.



Figure 5.3: Detailed wiring diagram illustrating the connections for the TAFFIO TXH6701-4 head unit, including connections to the radio, GPS, 4G antennas, USB, and RCA plugs.

6. OPERATING INSTRUCTIONS

The TAFFIO Android Head Unit features a user-friendly touchscreen interface. Navigate through menus by tapping icons and swiping across the screen.

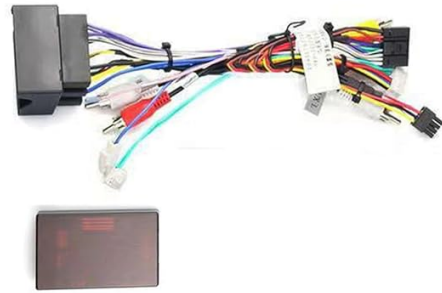
6.1. Basic Navigation

- **Home Screen:** Access primary functions like Navigation, Radio, Music, and Setup directly from the home screen.
- **App Drawer:** Swipe up or tap the app icon to view all installed applications.
- **Settings:** Access system settings for display, sound, network, and vehicle-specific configurations.

Delivery Content



Android Multimediasystem



Power Cable + CAN-BUS Decoder



360 Cam IN



Radio Antenna Adapter



RCA Plugs & Sim Slot



Rear Cam IN



2x USB



Original USB Adapter



GPS - Antenna



4G - Antenna



Mounting plates and frames

Figure 6.1: The application menu of the TAFFIO Android Head Unit, showing various pre-installed and user-installed apps such as Chrome, Android Settings, Phone Link, and navigation applications.

6.2. Apple CarPlay & Android Auto

The unit supports integrated Wireless Apple CarPlay and Android Auto. Connect your smartphone wirelessly to access navigation, music, messages, and other compatible apps directly on the head unit's display.

- **Activation:** Ensure Bluetooth and Wi-Fi are enabled on your smartphone. Follow the on-screen prompts on the head unit to pair your device.
- **Functionality:** Once connected, your phone's compatible apps will appear on the head unit's screen, allowing for voice control and touch interaction.



Figure 6.2: The Wireless Apple CarPlay interface displayed on the TAFFIO head unit, showing navigation, communication, and media applications.



Figure 6.3: The Android Auto interface displayed on the TAFFIO head unit, featuring navigation and media controls.

6.3. Radio

The unit includes an FM/AM radio tuner with RDS. Access the radio application from the home screen to tune into stations.

- **Scanning:** Use the on-screen controls to scan for available stations.

- **Presets:** Save your favorite stations for quick access.



Figure 6.4: The radio interface of the TAFFIO head unit, showing frequency display and controls for tuning and saving favorite stations.

6.4. Navigation

The unit comes with current GPS navigation map material and offers free lifetime updates. Access the navigation application from the home screen.

- **Destination Entry:** Input destinations via the touchscreen or voice command.
- **Map Updates:** Information on map updates will be provided by the manufacturer.

6.5. Connectivity (Wi-Fi & 4G LTE)

- **Wi-Fi:** Connect to available Wi-Fi hotspots or your smartphone's hotspot for internet access.
- **4G LTE:** Insert a 4G LTE SIM card into the designated slot for mobile internet connectivity without relying on Wi-Fi.

7. MAINTENANCE

To ensure the longevity and optimal performance of your TAFFIO Android Head Unit, follow these maintenance guidelines:

- **Screen Cleaning:** Use a soft, lint-free cloth specifically designed for electronic screens. Dampen the cloth slightly with water or a screen-cleaning solution if necessary. Avoid harsh chemicals or abrasive materials.
- **Software Updates:** Periodically check for software updates provided by TAFFIO to ensure you have the latest features and security patches.
- **Environmental Conditions:** Avoid exposing the unit to extreme temperatures, direct sunlight for

prolonged periods, or excessive moisture.

- **Cable Connections:** Ensure all cables remain securely connected. Avoid pulling on cables forcefully.

8. TROUBLESHOOTING

If you encounter issues with your TAFFIO Android Head Unit, refer to the following common troubleshooting steps. If the problem persists, contact customer support.

Common Issues and Solutions:

- **Unit Does Not Power On:**
 - Check all power connections and ensure they are securely plugged in.
 - Verify the vehicle's battery is charged and connected.
 - Check for blown fuses in the vehicle's fuse box related to the infotainment system.
- **No Sound:**
 - Ensure the volume is not muted or set to a very low level.
 - Check audio cable connections.
 - Verify the correct audio output source is selected in the settings.
- **Touchscreen Unresponsive:**
 - Restart the unit by turning off the vehicle's ignition and restarting after a few minutes.
 - Ensure the screen is clean and free of debris.
- **GPS Signal Lost/Inaccurate:**
 - Ensure the GPS antenna is properly installed and has a clear view of the sky.
 - Check the GPS antenna connection to the head unit.
- **CarPlay/Android Auto Not Connecting:**
 - Ensure Bluetooth and Wi-Fi are enabled on your smartphone and the head unit.
 - Forget the device on both the phone and head unit, then attempt to re-pair.
 - Update your smartphone's operating system to the latest version.

9. SPECIFICATIONS

Model Name	TXH6701-4
Display Size	12.3 Inches
Resolution	1920 x 720
Processor	Snapdragon Qualcomm 668s 8x 2.0 GHz
RAM	8 GB
Internal Memory	128 GB
Operating System	Android 13

Connectivity	Bluetooth, USB, Wi-Fi, 4G LTE
Special Features	Touchscreen, Integrated CarPlay & Android Auto
Map Type	Worldwide (with free lifetime updates)
Audio Output Mode	AUX
Mounting Type	Dashboard Mount

10. WARRANTY AND SUPPORT

The TAFFIO TXH6701-4 Android Head Unit comes with a **2-year manufacturer's warranty**. This warranty covers defects in materials and workmanship under normal use.

For Warranty Claims and Technical Support:

Please retain your purchase invoice as proof of purchase for any warranty claims. For technical assistance, troubleshooting beyond this manual, or to initiate a warranty claim, please contact TAFFIO customer support through the retailer where the product was purchased or refer to the contact information provided with your product documentation.

11. SAFETY INFORMATION






Observe the following safety symbols and guidelines for safe handling and disposal of the product.




Figure 11.1: Standard safety and handling symbols including 'This Way Up', 'Fragile', 'Keep Dry', CE Mark, FCC Mark, Recycling Symbol, and Waste Electrical and Electronic Equipment (WEEE) symbol.

- **Installation:** Ensure installation is performed by qualified personnel to prevent damage to the unit or vehicle.
- **Operation:** Do not operate the unit in a way that distracts you from driving. Always prioritize road safety.
- **Disposal:** Dispose of this product responsibly at designated collection points for electronic waste, in accordance with local regulations. Do not dispose of with household waste.

Related Documents - TXH6701-4

<div><div>TAFFIO®</div><div>LPA07 Model</div><div>Navigation & Multimedia</div><div></div><div>USER MANUAL</div><div><small>Thank you for buying this TAFFIO® product. Please read through these instructions as you will have to refer to them for product operation. After you have finished reading the instructions, keep this document in a safe place for future reference.</small></div></div>	<p>TAFFIO LPA07 Model Navigation & Multimedia User Manual</p> <p>User manual for the TAFFIO LPA07 model, detailing its navigation, multimedia features, Bluetooth connectivity, screen mirroring, system settings, troubleshooting, and important safety precautions for automotive use.</p>
<div><div>TAFFIO®</div><div>QC662 Tablet</div><div>Navigation & Multimedia</div><div></div><div>USER MANUAL</div><div><small>Thank you for buying this TAFFIO® product. Please read through these instructions as you will have to refer to them for product operation. After you have finished reading the instructions, keep this document in a safe place for future reference.</small></div></div>	<p>TAFFIO QC662 Tablet: Navigation & Multimedia User Manual</p> <p>Comprehensive user manual for the TAFFIO QC662 Tablet, covering navigation, multimedia playback, smartphone integration (CarPlay, Android Auto), internet and Bluetooth connectivity, radio functions, sound settings, app management, system configurations, and Canbus setup.</p>
<div><div>TAFFIO®</div><div>PX5 Model</div><div>Navigation&Multimedia</div><div></div><div>GEBRAUCHSANWEISUNG</div><div><small>Bitte lesen Sie diese Bedienungsanleitung sorgfältig durch. Sie enthält wichtige Hinweise zur Installation, Bedienung und Fehlerbehebung. Bitte bewahren Sie diese Bedienungsanleitung an einem sicheren Ort auf, um sie bei Bedarf konsultieren zu können.</small></div></div>	<p>TAFFIO PX5 Modell: Benutzerhandbuch für Navigation und Multimedia</p> <p>Entdecken Sie die Funktionen Ihres TAFFIO PX5 Navigations- und Multimediasystems mit diesem umfassenden Benutzerhandbuch. Erfahren Sie mehr über Installation, Bedienung, Bluetooth, Navigation und Fehlerbehebung.</p>
<div><div>TAFFIO®</div><div>XY-Series</div><div>Installationsanleitung / Installation guide</div><div></div></div>	<p>TAFFIO XY-Series Installation Guide</p> <p>Installation guide for the TAFFIO XY-Series car audio system, covering Bose sound system integration, rear camera connections, CAN bus integration, and original USB port usage.</p>
<div><div>TAFFIO®</div><div>LPA07 Modell</div><div>Navigation & Multimedia</div><div></div><div>GEBRAUCHSANWEISUNG</div><div><small>Bitte lesen Sie diese Bedienungsanleitung sorgfältig durch. Sie enthält wichtige Hinweise zur Installation, Bedienung und Fehlerbehebung. Bitte bewahren Sie diese Bedienungsanleitung an einem sicheren Ort auf, um sie bei Bedarf konsultieren zu können.</small></div></div>	<p>TAFFIO LPA07 Modell Navigation & Multimedia Gebrauchsanweisung</p> <p>Umfassende Gebrauchsanweisung für das TAFFIO LPA07 Modell, die Navigation, Multimedia, Bluetooth, CarPlay/Android Auto und Einstellungen abdeckt. Enthält wichtige Sicherheitshinweise und Installationsanleitungen.</p>

 The image shows the front cover of a quick guide. At the top left is the 'Taffio' logo. In the center is a black rectangular image of the infotainment screen displaying various icons. Below this image, the text 'Bedienungshilfe / QUICKGUIDE' is printed. At the bottom right, there is a logo for 'Taffio Mercedes-Benz' and a small icon of a car.	<p><u>TAFFIO TXH-SERIES Quick Guide for Mercedes-Benz</u></p> <p>A comprehensive quick guide for installing and using the TAFFIO TXH-SERIES infotainment system upgrade for Mercedes-Benz vehicles, covering connection instructions, settings, and Carplay/Android Auto integration.</p>
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