

## Teleco WFT402

# TELECO WFT402 Portable 12/230 Volt Wi-Fi Router for SIM Card User Manual

Model: WFT402 | Brand: Teleco

## 1. PRODUCT OVERVIEW

The TELECO WFT402 is a versatile portable Wi-Fi router designed to provide internet connectivity using a SIM card. It supports GSM, 3G, 4G, and LTE signals, converting them into a Wi-Fi hotspot with a coverage area of approximately 30 square meters. This device is ideal for mobile environments such as cars, campers, boats, or small offices, thanks to its flexible power options (12V DC and 230V AC).

The WFT402 is a Category 4 router capable of supporting up to 4 devices simultaneously, including smartphones, tablets, smart TVs, and other Wi-Fi enabled peripherals. It features an internal antenna for good signal reception and includes two SMA ports for connecting external antennas to enhance signal strength.



Image 1.1: Front view of the TELECO WFT402 Portable Wi-Fi Router, showing LED indicators for system status, network, signal strength, SIM, Wi-Fi, WPS, Ethernet, and 4G connectivity.



Image 1.2: Illustration of the TELECO WFT402 router installed in a camper, demonstrating its Wi-Fi signal coverage for mobile use.

## 2. SETUP INSTRUCTIONS

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### 2.1. Package Contents

Before proceeding, ensure all components are present:

- TELECO WFT402 Wi-Fi Router
- Power Adapter (for 230V AC)
- (Optional) 12V DC Power Cable (may be included or sold separately for vehicle use)
- User Manual (this document)

### 2.2. SIM Card Installation

1. Ensure the router is powered off.
2. Locate the SIM card slot, typically on the side or back of the device. The WFT402 uses a 2FF SIM card (standard size).
3. Insert your activated 3V or 1.8V SIM card into the push-push slot until it clicks into place. Ensure correct orientation as indicated on the device.

### 2.3. Power Connection

The WFT402 router supports two power input methods:

- **230V AC Power:** Connect the provided power adapter to the router's DC 12V/1A input port and then plug it into a standard wall outlet.
- **12V DC Power:** For mobile applications (e.g., in vehicles), connect a compatible 12V DC power cable (not always included) to the router's DC 12V/1A input port.

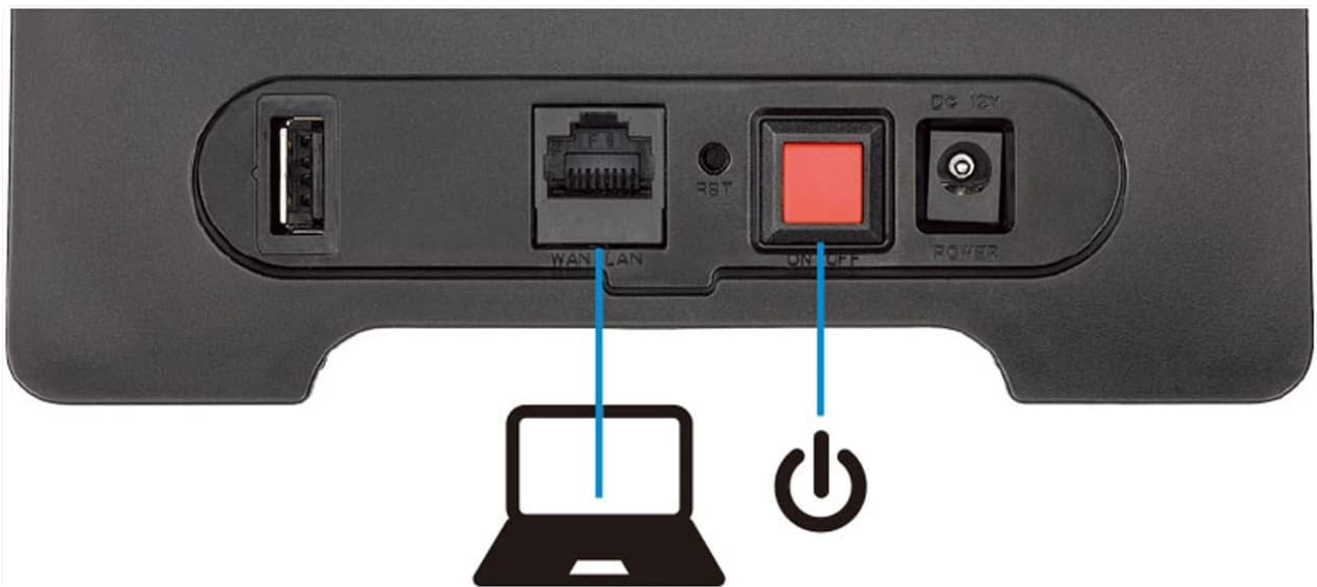


Image 2.1: Detailed view of the router's rear panel, highlighting the WAN/LAN port, ON/OFF switch, and DC 12V power input.

## 2.4. External Antenna Connection (Optional)

The router is equipped with an internal antenna. For improved signal reception, especially in areas with weak cellular coverage, you can connect one or two external antennas:

1. Locate the two SMA connectors on the back of the router.
2. Carefully screw the external antenna(s) onto the SMA connectors until secure.
3. Position the external antenna(s) for optimal signal reception.



Image 2.2: Rear view of the router, illustrating the SMA ports for connecting optional external antennas.

## 3. OPERATION

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### 3.1. Powering On/Off

- **To Power On:** Press the "ON/OFF" button located on the rear panel. The LED indicators on the front will illuminate.
- **To Power Off:** Press and hold the "ON/OFF" button until the LED indicators turn off.

### 3.2. LED Indicators

The front panel features several LED indicators to show the router's status:

- **SYS:** System status indicator.
- **NET:** Network activity indicator.
- **RF:** Radio Frequency signal strength (multiple bars).
- **SIM:** SIM card status.
- **WIFI:** Wi-Fi network status.
- **WPS:** Wi-Fi Protected Setup status.
- **ETH1:** Ethernet port status.
- **4G:** 4G LTE connectivity status.

### 3.3. Connecting Devices via Wi-Fi

1. Ensure the router is powered on and the WIFI LED is active.
2. On your device (smartphone, tablet, laptop), search for available Wi-Fi networks.
3. Select the Wi-Fi network name (SSID) broadcast by the WFT402 (usually found on a label on the router).
4. Enter the Wi-Fi password (also found on the router's label) when prompted.
5. Your device should now be connected to the internet.

### 3.4. Using the WPS Function

WPS (Wi-Fi Protected Setup) allows for easy connection of compatible devices without manually entering the password:

1. Press the WPS button on the router (refer to the device layout for exact location). The WPS LED will start blinking.
2. Within two minutes, activate the WPS function on your client device.
3. The devices will automatically connect.

### 3.5. Accessing the Web Interface

For advanced settings and configuration, you can access the router's web-based management interface:

1. Connect your computer to the router via Wi-Fi or an Ethernet cable (WAN/LAN port).
2. Open a web browser and enter the router's default IP address (usually 192.168.1.1 or similar, check the router's label or manual for the exact address).
3. Enter the default username and password (also found on the router's label or in the quick start guide).
4. You can now configure settings such as Wi-Fi name, password, security protocols (OPEN/WPA-PSK/WPA2-PSK), firewall rules, and more.

## 4. MAINTENANCE

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## 4.1. Cleaning

To maintain optimal performance and appearance:

- Wipe the router's exterior with a soft, dry cloth.
- Avoid using liquid cleaners, aerosols, or abrasive materials.
- Ensure no dust accumulates in the ventilation openings.

## 4.2. Software Updates

The WFT402 supports software updates via TR069 and local update methods. Regularly checking for and applying updates can improve performance, security, and add new features. Refer to the router's web interface or the manufacturer's website for update procedures.

## 4.3. Resetting the Device

If the router experiences issues or you wish to restore factory settings, you can perform a reset:

1. With the router powered on, locate the reset pinhole (often labeled "RST" or "Reset") on the rear panel.
2. Use a paperclip or a similar pointed object to press and hold the reset button for approximately 5-10 seconds.
3. Release the button when the LED indicators flash or the router restarts.
4. The router will revert to its factory default settings, and you will need to reconfigure it.

## 5. TROUBLESHOOTING

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### • No Internet Connection:

- Check if the SIM card is correctly inserted and activated.
- Verify that the SIM LED is active and the 4G LED indicates a stable connection.
- Ensure there is cellular signal in your location (check RF signal strength LEDs).
- Restart the router.

### • Slow Wi-Fi Speed:

- Check the cellular signal strength (RF LEDs). Weak signal will result in slower speeds.
- Reduce the distance between your device and the router.
- Ensure no obstacles are blocking the Wi-Fi signal.
- Consider connecting an external antenna for better reception.
- Limit the number of connected devices if performance is critical.

### • Router Not Powering On:

- Verify that the power adapter is securely connected to both the router and the power outlet.
- Check if the power outlet is functional.
- Ensure the ON/OFF switch is in the 'ON' position.

### • Cannot Connect to Wi-Fi:

- Double-check the Wi-Fi password.
- Ensure the WIFI LED is illuminated.
- Try restarting both the router and your client device.
- If you recently changed Wi-Fi settings, try resetting the router to factory defaults (see Section 4.3).

## 6. TECHNICAL SPECIFICATIONS

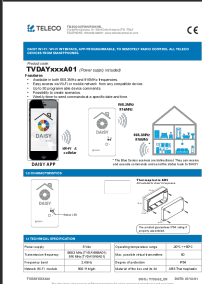
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|---------------------------------|-------------------------------------------------------------------------------------------------|
| Brand                           | Teleco                                                                                          |
| Model Number                    | WFT402                                                                                          |
| Wireless Communication Standard | 802.11bgn                                                                                       |
| RF Specifications               | GSM900/1800; UMTS:2100/900; LTE Bands: 800(B20), 900(B8), 1800(B3), 2100(B1), 2600(B7)          |
| Wi-Fi Chipset                   | RTL8192 (2.4 GHz, Wi-Fi 2x2 MIMO, 802.11 b/g/n)                                                 |
| Performance                     | LTE CAT 4, FDD-LTE 150 Mbps (Download) / 50 Mbps (Upload)                                       |
| MIMO Support                    | DL 2x2 MIMO                                                                                     |
| Baseband Chipset                | Qualcomm MDM9x07                                                                                |
| RF Chipset                      | Qualcomm WTR2965                                                                                |
| Memory                          | 4 GB + 2 GB                                                                                     |
| Power Consumption               | 12 W                                                                                            |
| Power Supply                    | DC 12V/1A (supports 12V DC and 230V AC with adapter)                                            |
| USIM/SIM Card                   | 2FF SIM Card, supports 3V and 1.8V SIM cards, 6-pin standard interface, internal push-push slot |
| LED Indicators                  | Power, WAN Signal Strength, Wi-Fi/WPS, WAN/LAN Status, Internet Connection Status               |
| USB Port                        | 1 x USB 2.0                                                                                     |
| External Antenna                | 2 x SMA connectors                                                                              |
| Buttons                         | Power, Reset, WPS                                                                               |
| Ethernet                        | 1 x WAN/LAN 10BaseT/100Base/1000Base automatic adaptive port                                    |
| Security                        | OPEN/WPA-PSK/WPA2-PSK/WPA-PSK/WPA2-PSK; Firewall Mac/IP address                                 |
| IP Support                      | IPv4, IPv6                                                                                      |
| Operating System                | A form of Linux                                                                                 |
| Weight                          | 1 Kilogram                                                                                      |
| Color                           | Black                                                                                           |

## 7. WARRANTY AND SUPPORT

Information regarding spare parts availability and guaranteed software updates is not available in the provided product data. For specific warranty details, technical support, or inquiries about spare parts, please refer to the documentation included with your purchase or contact Teleco customer service directly.

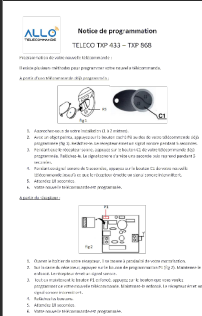
You can typically find contact information for Teleco on their official website or through your retailer.

Related Documents - WFT402



[DAISY WI-FI: User Manual and Technical Guide for Smart Home Control](#)

Comprehensive guide to the Teleco DAISY WI-FI interface, detailing installation, registration, app configuration, device control, scenarios, timers, and troubleshooting for smart home automation.



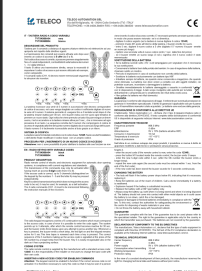
[Programming Notice for TELECO TXP 433 – TXP 868 Remote Control](#)

Instructions for programming the TELECO TXP 433 and TXP 868 remote controls using either an already programmed remote or directly via the receiver.



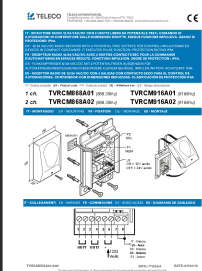
[TELECO & Telair : Systèmes Satellites, Climatisation et Solutions d'Énergie pour Camping-Cars et Caravanes](#)

Découvrez la gamme complète de produits TELECO et Telair conçus pour les véhicules de loisirs, incluant des systèmes satellites avancés, des solutions de climatisation efficaces, des générateurs d'énergie fiables et des batteries haute performance. Améliorez votre confort de voyage et votre connectivité.



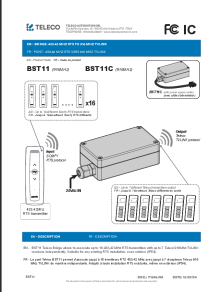
[Teleco TVTXK868A04/B04 Radio Keypad with Variable Codes User Manual](#)

User manual for the Teleco TVTXK868A04 and TVTXK868B04 radio keypads. This document provides instructions on product description, coding system, inserting new access codes, battery replacement, warranty, and technical specifications. It details how to operate the keypad for remote control of electric and electronic equipment for automatic door opening systems.



[Teleco Radio Receiver 12/24 VAC/DC User Manual and Specifications](#)

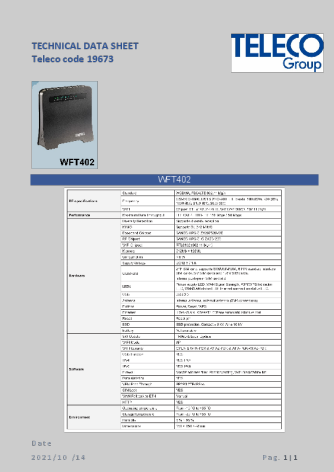
This document provides instructions and technical specifications for the Teleco Radio Receiver 12/24 VAC/DC, including model numbers TVRCM868A01, TVRCM868A02, TVRCM916A01, and TVRCM916A02. It covers installation, radio code memorization, deletion, and technical details.



**Teleco BST11/BST11C 433.42 MHz RTS to 916 MHz TVLINK Bridge User Manual**

This document provides instructions and technical specifications for the Teleco BST11 and BST11C bridge, which associates 433.42 MHz RTS transmitters with 916 MHz TVLINK receivers. It covers product features, installation, memorization procedures for motors and lights, remote operations, and technical details.

## Documents - Teleco – WFT402



**TECHNICAL DATA SHEET**  
Teleco code 19673

**WFT402**

| Caractéristiques | Valeur          |
|------------------|-----------------|
| Fonction         | Routeur Wifi 4G |
| Norme            | IEEE 802.11n    |
| Portée           | 100m            |
| Alimentation     | 5V 1A           |
| Dimensions       | 100x100x100mm   |
| Poids            | 100g            |
| Garantie         | 2 ans           |

Date: 2021/10 /14 Page: 1/1

[\[pdf\]](#) Datasheet

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**WFT402/12**

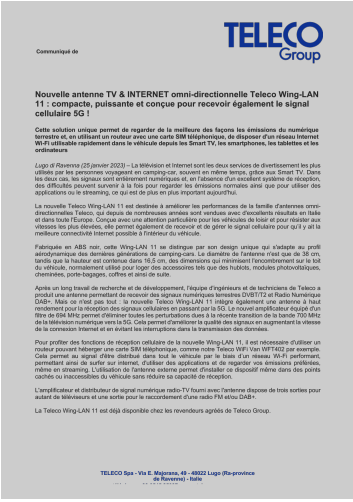
Rev. 001 - 06/2021

[\[pdf\]](#) User Manual Installation Guide Guide

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 MANUAL EN MANUEL D INSTALLATION ET MODE D EMPLOI POUR L  
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CS Teleco Wing LAN 11 FR Fuori Media srl Nouvelle antenne TV INTERNET omni directionnelle Jan 29

2023 · dispose de trois sorties pour autant téléviseurs et une sortie le raccordement d radio FM ou DAB

La LAN telecogroup media attachments 01 30 |||

Communiqu de presse Nouvelle antenne TV INTERNET omni-directionnelle Teleco Wing-LAN 11 : compacte ... essaie d utiliser un routeur pouvant hberger une carte SIM tlphonique, comme notre Teleco WiFi Van **WFT402** par exemple. Cela permet au signal d tre distribu dans tout le vhicule par le biais d un rsea...

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