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TP-Link Archer MR202

TP-Link Archer MR202 AC750 Dual Band 4G LTE Wi-Fi Router User Manual

Model: Archer MR202

1. Introduction

Thank you for choosing the TP-Link Archer MR202 AC750 Dual Band 4G LTE Wi-Fi Router. This router allows you to share a 4G LTE mobile broadband connection with multiple Wi-Fi devices, providing internet access wherever you have a cellular signal. With dual-band Wi-Fi, it offers reliable and fast wireless connectivity for your home, office, or remote location.

This manual provides detailed instructions for setting up, operating, maintaining, and troubleshooting your Archer MR202 router to ensure optimal performance.

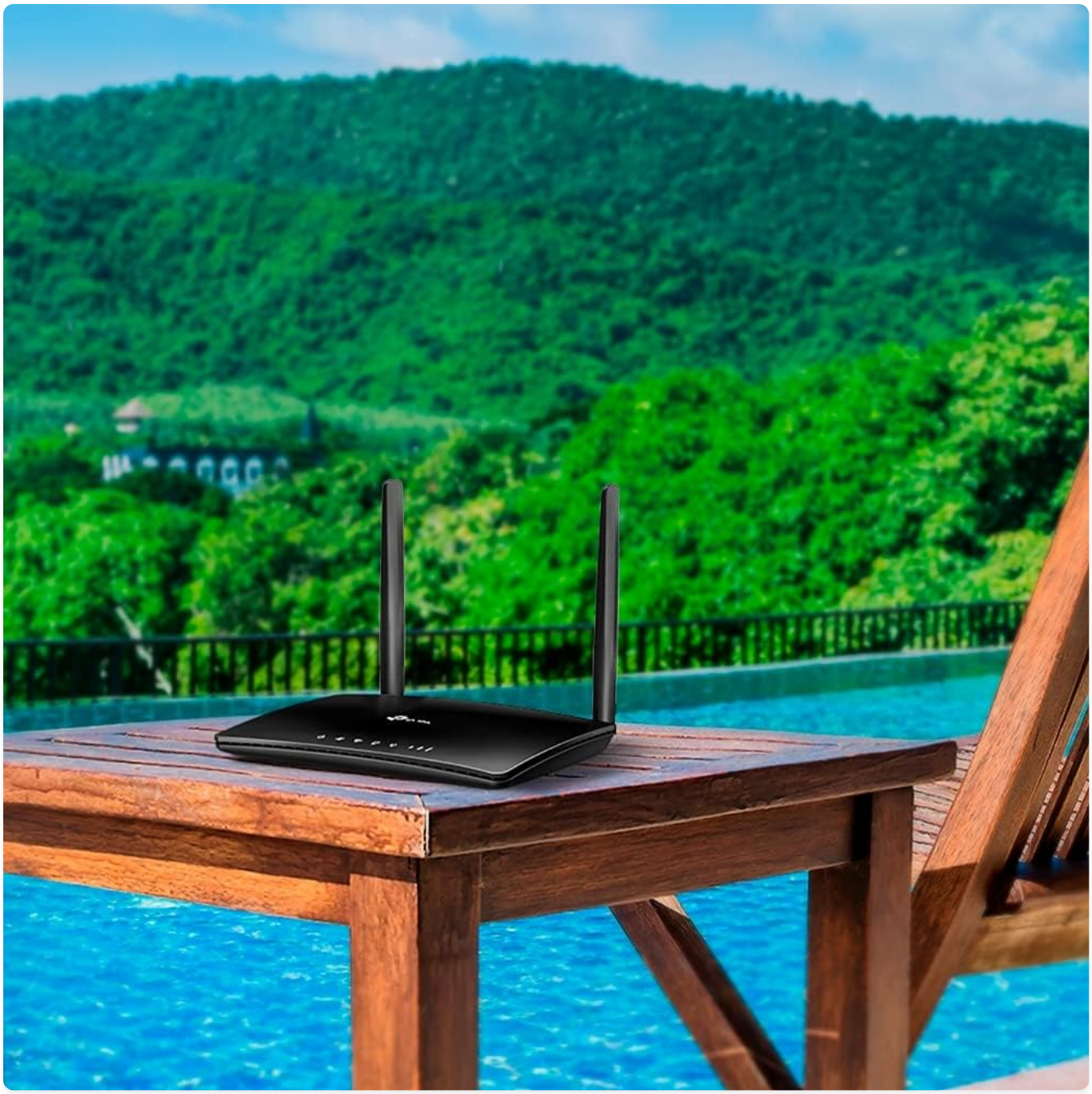


Image 1.1: Archer MR202 in a scenic outdoor setting, highlighting its portability.

2. Package Contents

Please check the package carefully to ensure all items are present. If any item is missing or damaged, please contact your retailer.

- TP-Link Archer MR202 AC750 Dual Band 4G LTE Wireless Router
- RJ45 Ethernet Cable
- Power Adapter (1.5m)
- Quick Installation Guide

3. Product Overview

3.1 Front Panel (LED Indicators)

The front panel features several LED indicators that provide information about the router's status.

- **Power:** On when the router is powered on.
- **Internet:** Indicates internet connection status.
- **Wi-Fi:** On when Wi-Fi is enabled. Blinks during WPS pairing.
- **LAN:** On when a device is connected to a LAN port.
- **4G Signal Strength:** Indicates the strength of the 4G LTE signal. More bars mean a stronger signal.



Image 3.1: Top view of the Archer MR202 with LED indicators.

3.2 Rear Panel (Ports and Buttons)

The rear panel contains all the physical connection ports and control buttons.

- **Power Port:** Connect the provided power adapter here.
- **LAN1, LAN2, LAN3 Ports:** Connect wired devices such as computers, game consoles, or smart TVs.
- **LAN4/WAN Port:** Can be used as a standard LAN port or as a WAN port to connect to a cable/fiber modem for fixed-line internet.
- **WPS/Wi-Fi Button:** Press to enable WPS (Wi-Fi Protected Setup) for easy connection, or press and hold to turn

Wi-Fi on/off.

- **Reset Button:** Press and hold for about 5 seconds to restore the router to its factory default settings.
- **Nano SIM Card Slot:** Insert your Nano SIM card here.



Image 3.2: Rear view of the Archer MR202 showing all ports and buttons.

4. Setup

Follow these steps to set up your Archer MR202 router and get connected to the internet.

4.1 Step 1: Insert SIM Card

1. Ensure the router is powered off.
2. Locate the Nano SIM card slot on the rear panel.
3. Gently insert your Nano SIM card into the slot until it clicks into place. Ensure the card's gold contacts are facing down.

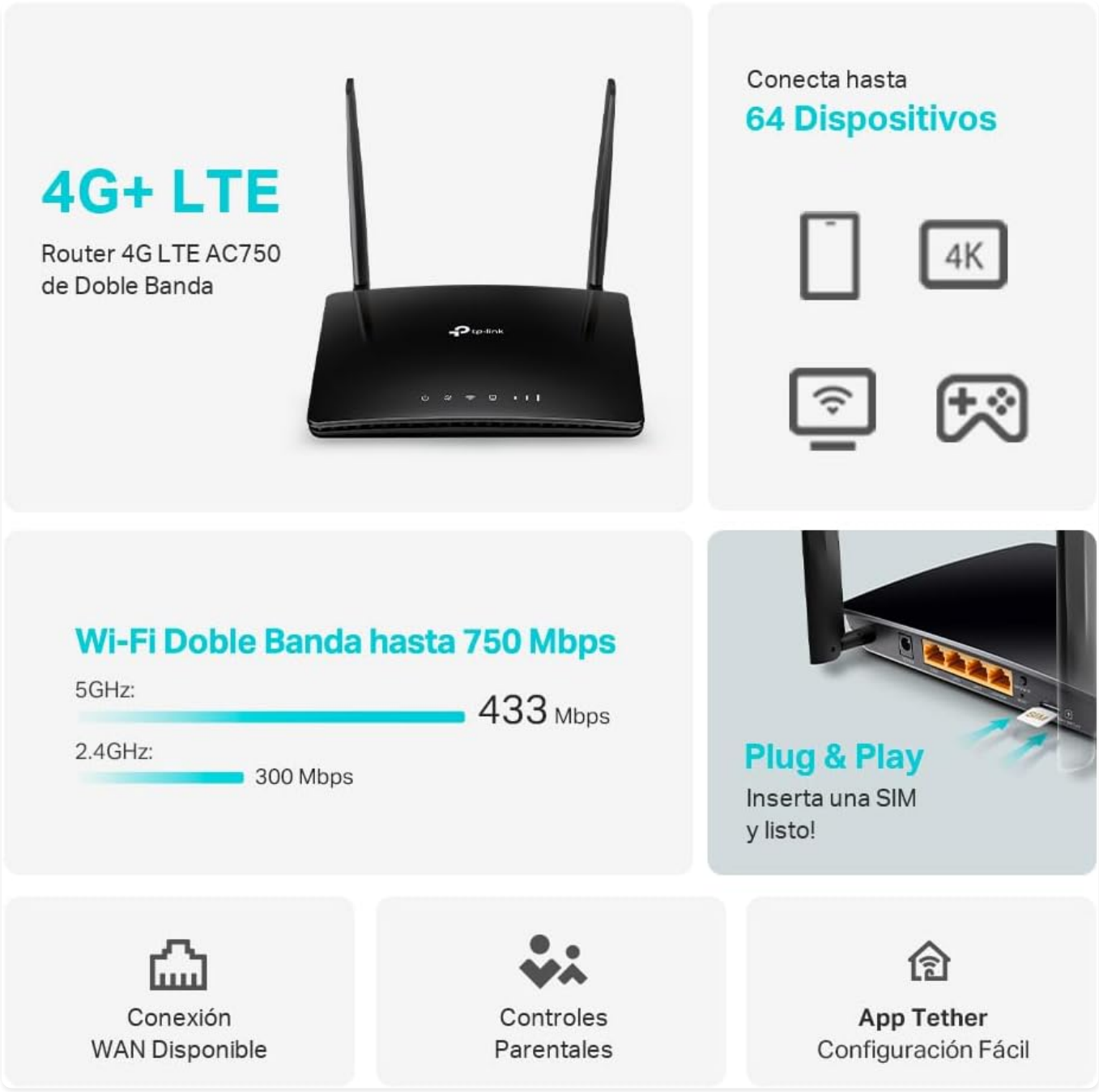


Image 4.1: Correct insertion of the Nano SIM card.

4.2 Step 2: Power On the Router

1. Connect the provided power adapter to the router's Power port and then plug the other end into a wall outlet.
2. The Power LED on the front panel will light up.

4.3 Step 3: Check LED Indicators

Wait for a few moments for the router to start up and connect to the 4G LTE network. Check the following LEDs:

- **Power LED:** Should be solid on.
- **Internet LED:** Should be solid on, indicating a successful internet connection.
- **4G Signal Strength LEDs:** At least one bar should be lit, indicating a cellular signal. More bars mean a stronger signal.

4.4 Step 4: Connect to Wi-Fi

You can connect your devices to the router's Wi-Fi network using the default SSID (network name) and password printed on the label at the bottom of the router.

1. On your device (smartphone, laptop, tablet), go to Wi-Fi settings.
2. Select the Wi-Fi network name (SSID) that matches the one on your router's label.
3. Enter the Wi-Fi password (Wireless Password/PIN) when prompted.

4.5 Step 5: Access Web Management Interface

For advanced settings and configuration, you can access the router's web management page.

1. Connect your computer to the router via Wi-Fi or an Ethernet cable (to any LAN port).
2. Open a web browser (e.g., Chrome, Firefox, Edge).
3. Type http://tplinkwifi.net or http://192.168.1.1 into the address bar and press Enter.
4. Create a new password for future logins when prompted.

4.6 Step 6: Initial Configuration (Quick Setup)

Upon first login, the Quick Setup wizard will guide you through essential settings, including time zone, internet connection type (usually auto-detected for 4G LTE), and Wi-Fi network name/password customization. It is recommended to follow these steps.

5. Operating the Router

5.1 Connecting Devices

- **Wi-Fi Connection:** Use the SSID and password you configured (or the default ones) to connect wireless devices. The router supports up to 32 devices simultaneously.
- **Ethernet Connection:** Use an Ethernet cable to connect devices to the LAN ports for a stable wired connection.

5.2 Using the TP-Link Tether App

The TP-Link Tether app provides an easier way to access and manage your router from your smartphone or tablet.

1. Download the TP-Link Tether app from the Apple App Store or Google Play Store.
2. Connect your smartphone to the router's Wi-Fi network.
3. Launch the Tether app and log in with the password you set for the router.
4. You can now manage network settings, monitor connected devices, set up parental controls, and more.

5.3 Basic Wi-Fi Settings

You can customize your Wi-Fi network name (SSID) and password via the web management interface or Tether app.

1. Log in to the web management interface (http://tplinkwifi.net).
2. Navigate to **Wireless** > **Wireless Settings**.
3. Change the **Wireless Network Name (SSID)** and **Wireless Password** for both 2.4GHz and 5GHz bands.
4. Click **Save** to apply changes. You will need to reconnect your devices with the new credentials.

5.4 Parental Controls

The router supports parental controls to manage internet access for specific devices. You can set time limits and block certain websites.

1. Log in to the web management interface.
2. Go to **Parental Controls**.
3. Enable the feature and configure rules as needed.

5.5 Guest Network

Create a separate Wi-Fi network for guests to provide internet access while keeping your main network secure.

1. Log in to the web management interface.
2. Go to **Guest Network**.
3. Enable the guest network and configure its settings (SSID, password, access permissions).

5.6 LAN4/WAN Port Usage

The LAN4/WAN port offers flexibility:

- **As a LAN Port:** By default, it functions as a regular LAN port for wired devices.
- **As a WAN Port:** If you have a fixed-line internet connection (e.g., DSL/Cable/Fiber modem), you can connect it to this port. The router will then use the fixed-line internet instead of 4G LTE. This can be configured in the web management interface under **Network** > **Internet**.

6. Maintenance

6.1 Optimal Placement

For the best Wi-Fi coverage and 4G LTE signal reception:

- Place the router in a central location in your home or office.
- Avoid placing it near obstacles like thick walls, metal objects, or large appliances that can interfere with signals.
- Position the router away from other electronic devices that might cause interference (e.g., cordless phones, microwave ovens).
- Ensure the router is in an area with good 4G LTE signal strength.

6.2 Cleaning

To clean the router, use a soft, dry cloth. Do not use liquid or aerosol cleaners, as they may damage the device.

6.3 Firmware Updates

Keeping your router's firmware up to date ensures optimal performance, security, and access to new features.

1. Log in to the web management interface.
2. Go to **System Tools** > **Firmware Upgrade**.
3. You can check for new firmware versions on the TP-Link support website for your model. Download the latest firmware file to your computer.
4. Click **Browse** to select the downloaded firmware file and then click**Upgrade**.
5. Do not power off the router during the upgrade process.

7. Troubleshooting

7.1 No Internet Access

- **Check SIM Card:** Ensure the SIM card is correctly inserted and active.
- **Check Signal:** Verify the 4G Signal Strength LEDs. If no bars are lit, try moving the router to a location with better signal.
- **Check APN Settings:** Log in to the web management interface, go to**Network** > **Internet**, and ensure the APN settings are correct for your mobile carrier. Usually, this is auto-detected.
- **Reboot:** Power off the router, wait 10 seconds, and power it back on.

7.2 Wi-Fi Disconnections or Weak Signal

- **Router Placement:** Ensure the router is in a central location, away from obstructions and interference sources.
- **Channel Interference:** Log in to the web management interface, go to **Wireless** > **Wireless Settings**, and try changing the Wi-Fi channel (e.g., 1, 6, or 11 for 2.4GHz; auto for 5GHz).
- **Firmware:** Ensure your router has the latest firmware.

7.3 Slow Internet Speed

- **4G Signal Strength:** A weak 4G signal will result in slower speeds.
- **Network Congestion:** Too many devices connected or heavy usage (streaming, large downloads) can slow down the network.
- **Carrier Throttling:** Your mobile carrier might be throttling your speed after a certain data usage.

7.4 Cannot Access Web Management Page

- **IP Address:** Ensure you are typing http://tplinkwifi.net or http://192.168.1.1 correctly.
- **Connection:** Verify your device is connected to the router's Wi-Fi or via an Ethernet cable.
- **Browser:** Try a different web browser or clear your browser's cache.
- **Firewall/Antivirus:** Temporarily disable any firewall or antivirus software on your computer.

7.5 Factory Reset

If you forget your login password or encounter persistent issues, you can restore the router to its factory default settings.

1. With the router powered on, locate the **Reset** button on the rear panel.
2. Use a paperclip or a thin object to press and hold the Reset button for about 5 seconds until all LEDs briefly flash.
3. Release the button and wait for the router to reboot. All settings will be restored to factory defaults.

8. Specifications

Feature	Description
Model	Archer MR202
Dimensions (L x W x H)	31 x 22.6 x 6.9 cm (Package)
Weight	640 g (Package)
Wireless Standards	IEEE 802.11a/ac/g/n
Wi-Fi Speed	AC750 (300 Mbps at 2.4 GHz, 433 Mbps at 5 GHz)
Frequency Bands	2.4 GHz and 5 GHz (Dual Band)
Data Transfer Rate	750 Megabits per second (Wi-Fi)
4G LTE Speed	Up to 150 Mbps Download
Interfaces	3x LAN Ports, 1x LAN/WAN Port, 1x Nano SIM Card Slot, 1x Power Port
Buttons	WPS/Wi-Fi Button, Reset Button
Antennas	2x Internal 4G LTE Antennas, 2x Internal Wi-Fi Antennas
Compatible Devices	PC, Laptop, Smartphone, Tablet, Game Console

Special Features	4G LTE, Dual Band AC750, Parental Control, Guest Network, Tether App

9. Warranty and Support

9.1 Product Warranty

The TP-Link Archer MR202 router comes with a**3-year warranty** from the date of purchase. Please retain your proof of purchase for warranty claims. The warranty covers defects in materials and workmanship under normal use.

9.2 Technical Support

For technical support, firmware updates, and additional resources, please visit the official TP-Link website:

www.tp-link.com/support

You can find FAQs, troubleshooting guides, and contact information for TP-Link customer service in your region.

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