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> TP-Link TL-MR110 4G LTE WiFi N300Mbps Router User Manual

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Model: TL-MR110

PRODUCT OVERVIEW

The TP-Link TL-MR110 is a versatile 4G LTE WiFi router designed to provide high-speed internet access wherever a 4G signal is available. It supports 4G CAT4 speeds up to 150Mbps for downloads, allowing you to share internet access with up to 32 Wi-Fi devices simultaneously. Featuring two detachable external antennas for enhanced signal reception and two Ethernet ports for wired connections, this router offers flexible connectivity options. Its plug-and-play design ensures easy setup, making it an ideal solution for home, office, or remote locations.



Image: Front view of the TP-Link TL-MR110 4G LTE WiFi Router. The router is black with a textured top surface and two prominent, upright detachable antennas. Indicator lights are visible on the front panel.

PACKAGE CONTENTS

Ensure all items are present in your package:

- TP-Link TL-MR110 4G LTE WiFi Router
- Power Adapter
- Ethernet Cable
- Quick Installation Guide
- Two Detachable LTE Antennas

SETUP GUIDE

Follow these steps to set up your TL-MR110 router:

1. **Install SIM Card:** Insert your standard SIM card into the SIM card slot on the back of the router until it clicks into place. Ensure the router is powered off before inserting or removing the SIM card. *Note: You may need to enter a PIN code during the initial configuration.*
2. **Attach Antennas:** Screw the two detachable LTE antennas firmly into the antenna connectors on the back of the router. Adjust their orientation for optimal signal reception.
3. **Connect Power:** Connect the provided power adapter to the router's power port and then plug the other end into a power outlet. The router will power on automatically.
4. **Initial Connection:**
 - **Wireless Connection:** On your device (smartphone, laptop, etc.), search for the Wi-Fi network name (SSID) printed on the label at the bottom of the router. Connect to this network using the provided Wi-Fi password.
 - **Wired Connection:** Optionally, connect an Ethernet cable from one of the router's LAN ports to your computer's Ethernet port.
5. **Access Web Management Page:** Open a web browser and type `tplinkwifi.net` or `192.168.1.1` (or `192.168.0.1`) into the address bar. Follow the on-screen instructions to complete the setup, including setting a new administrator password and configuring your internet connection.

No Configuration Needed Simply Plug and Play!



Image: Rear view of the TP-Link TL-MR110 router, highlighting the SIM card slot, two Ethernet ports (LAN1 and LAN/WAN), and the WPS/RESET button. An arrow indicates inserting a SIM card.

OPERATING INSTRUCTIONS

Internet Access

Once configured, the router will automatically connect to the 4G LTE network via your SIM card. Devices connected to the router via Wi-Fi or Ethernet will then have internet access.

Wi-Fi Router Mode

If a 4G connection is unavailable or you prefer a wired internet source, you can use the TL-MR110 in Wi-Fi Router Mode. Connect an Ethernet cable from your existing modem or wall port to the LAN/WAN port on the router. The router will then function as a standard Wi-Fi router, distributing the wired internet connection wirelessly and via its LAN port.

Advanced Features

- **Parental Controls:** Manage and restrict internet access for specific devices or users. You can block harmful websites, set time limits, and control content access.
- **Guest Network:** Create a separate Wi-Fi network for guests, providing them with internet access while keeping your main network secure and private.
- **Network Security:** The router supports WPA2-PSK security protocol to protect your wireless network from unauthorized access.

Advanced Software Functions Help You Enhance Your Network Safety and Effectiveness



Robust Parental Controls

If you want to block harmful websites, set surfing time limits, check which sites your kids are using or just pause the internet, you can do it all.



Guest Network

It provides separate Wi-Fi access for guests while securing the whole network.

Image: This visual illustrates the router's advanced software capabilities, including robust parental controls for managing internet usage and a guest network feature for secure, separate access for visitors.

Reliable Access for Up to 32 Devices Simultaneously



Image: A scene depicting multiple individuals in a public setting, all connected to the internet, symbolizing the router's capability to provide reliable access for up to 32 devices concurrently.

MAINTENANCE

- **Firmware Updates:** Regularly check the TP-Link official website for firmware updates to ensure optimal performance and security.
- **Cleaning:** Use a soft, dry cloth to clean the router. Do not use liquid cleaners or aerosols.
- **Placement:** Place the router in a central location, away from obstructions and sources of interference (e.g., microwaves, cordless phones) for best Wi-Fi coverage.
- **Restarting:** If you experience connectivity issues, try restarting the router by unplugging the power adapter for 10 seconds and then plugging it back in.

TROUBLESHOOTING

No Internet Access

- Check if the SIM card is properly inserted and activated.
- Verify that your SIM card has an active data plan.
- Ensure the 4G/LTE signal indicator on the router is lit. If not, try repositioning the router or adjusting the antennas.
- Access the router's web management page to check the connection status and APN settings.
- Try restarting the router.

Weak Wi-Fi Signal

- Relocate the router to a central position in your home or office.
- Ensure the antennas are properly attached and oriented.
- Avoid placing the router near large metal objects, concrete walls, or other electronic devices that may cause interference.

Cannot Access Web Management Page

- Ensure your device is connected to the router's Wi-Fi network or via an Ethernet cable.
- Verify that you are typing the correct address (tplinkwifi.net or 192.168.1.1/192.168.0.1) in your browser.
- Clear your browser's cache and cookies, or try a different browser.
- Temporarily disable any firewall or antivirus software on your computer.

SPECIFICATIONS

Feature	Description
Brand	TP-Link
Model Name	TL-MR110
Color	Black
Wireless Standard	802.11n
Frequency	2 GHz
Antenna Type	Detachable LTE Antennas
Security Protocol	WPA2-PSK
Number of Ports	2 (LAN/WAN)
Compatible Devices	Game console, Personal computer, Laptop, Tablet, Smartphone
Max Download Speed	150 Mbps (4G CAT4)
Max Connected Devices	Up to 32 Wi-Fi devices
Operating System	TP-Link Operating System
Country of Origin	China

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official TP-Link website or contact their customer service directly. Information regarding spare parts availability and guaranteed software updates is not provided in the product specifications.

TP-Link Official Website: www.tp-link.com

