

[Manuals.plus](#) /

> [TP-Link](#) /

> TP-LINK TL-MR3040 3G/4G Wireless N150 Portable Router User Manual

TP-Link TL-MR3040

TP-LINK TL-MR3040 3G/4G Wireless N150 Portable Router User Manual

Model: TL-MR3040 | Brand: TP-Link

1. PRODUCT OVERVIEW

The TP-LINK TL-MR3040 is a portable wireless networking device designed for mobile internet access. It functions as a 3G/4G wireless N150 router, capable of broadcasting a wireless signal at up to 150Mbps. Powered by an internal 2000mAh battery, it provides a mobile office or entertainment network for multiple devices. Its compact design makes it suitable for travel, allowing users to set up an internet-connected wireless network by simply connecting a 3G USB modem or WAN cable.



Figure 1: Top view of the TP-LINK TL-MR3040 Portable Router, highlighting its compact and sleek design.

2. PACKAGE CONTENTS

Verify that all items are present in your product package:

- TL-MR3040 Portable Router
- Power Adapter
- Li-Ion Battery
- USB Cable
- Ethernet Cable
- Quick Installation Guide
- Resource CD



Figure 2: Product packaging of the TL-MR3040, indicating included accessories.

3. PRODUCT FEATURES

- **Interface:** 1x 10/100Mbps WAN/LAN Port, 1x USB 2.0 Port for 3G modem, 1x Micro USB Port for power supply.
- **Power Supply:** Internal 2000mAh rechargeable battery, 5VDC/1.0A external power adapter.
- **Wireless Standards:** IEEE 802.11b, IEEE 802.11g, IEEE 802.11n.
- **Wireless Speed:** Up to 150Mbps.

- **Portability:** Battery powered, portable design, light and small for easy transport.
- **Connectivity:** Share a 3G mobile connection, compatible with HSPA/UMTS/EVDO 3G USB modems.
- **Bandwidth Control:** IP-based bandwidth control allows administrators to manage bandwidth allocation per device.
- **Working Modes:** Supports four modes: 3G Router, Travel Router (AP), WISP Client Router, Wireless Router.



Figure 3: Side view of the TL-MR3040, illustrating its WAN/LAN and USB ports.

4. SETUP GUIDE

Setting up your TL-MR3040 is designed to be straightforward. Follow these general steps:

1. **Charge the Device:** Before initial use, ensure the internal 2000mAh battery is fully charged using the provided power adapter and USB cable.
2. **Insert Battery:** If not already installed, open the battery compartment and insert the Li-Ion battery.
3. **Power On:** Press and hold the Power On/Off Button until the device powers on.
4. **Connect to Internet Source:**
 - **For 3G/4G Router Mode:** Insert your compatible 3G/4G USB modem into the USB 2.0 port.
 - **For Wireless Router/AP/WISP Client Router Mode:** Connect an Ethernet cable from your existing modem or network wall port to the WAN/LAN port on the TL-MR3040.
5. **Connect Devices:** Search for the TL-MR3040's Wi-Fi network on your laptop, smartphone, or tablet and connect to it. The default Wi-Fi name (SSID) and password can typically be found on a label on the device or in the Quick Installation Guide.
6. **Access Management Interface:** Open a web browser and enter the default IP address (e.g., 192.168.0.1 or 192.168.1.1) to access the router's web-based management interface for further configuration, such as changing Wi-Fi name/password or setting up specific operating modes.

Your browser does not support the video tag.

Video 1: An overview of the TP-Link TL-MR3040 Portable Router, demonstrating its features and various usage scenarios, including connecting to a 3G modem and using it as a Wi-Fi hotspot in different environments.

5. OPERATING MODES

The TL-MR3040 offers versatile operating modes to suit different networking needs:

- **3G Router Mode:** Ideal for sharing a 3G/4G mobile broadband connection via a USB modem. This mode allows multiple devices to access the internet simultaneously through the cellular network.
- **Travel Router (AP) Mode:** Transforms a wired internet connection (e.g., from a hotel Ethernet port) into a private Wi-Fi hotspot, providing wireless access for your devices.
- **WISP Client Router Mode:** Connects wirelessly to an existing Wireless Internet Service Provider (WISP) network and shares that connection with your local devices, acting as a client and a router.
- **Wireless Router Mode:** Functions as a standard wireless router, connecting to a DSL/Cable modem via its WAN/LAN port to create a private wireless network.

6. MAINTENANCE

To ensure the longevity and optimal performance of your TL-MR3040, consider the following maintenance tips:

- **Keep Clean:** Regularly wipe the device with a soft, dry cloth. Avoid using liquid cleaners or aerosols.
- **Environmental Conditions:** Operate the device within the recommended temperature range of 15°C to 40°C (59°F to 104°F) and humidity of 0% to 75% non-condensing. Avoid extreme temperatures, direct sunlight, and high humidity.
- **Ventilation:** Ensure proper airflow around the device to prevent overheating. Do not block ventilation openings.
- **Battery Care:** For optimal battery life, avoid fully discharging the battery frequently. If storing the device for an extended period, charge the battery to about 50% and store it in a cool, dry place.
- **Firmware Updates:** Periodically check the TP-Link official website for firmware updates. Keeping the firmware updated can improve performance, add new features, and enhance compatibility.

7. TROUBLESHOOTING

If you encounter issues with your TL-MR3040, try the following basic troubleshooting steps:

- **No Internet Access:**
 - Verify that your 3G/4G USB modem is properly inserted and recognized, or that the Ethernet cable is securely connected to the WAN/LAN port and the internet source is active.
 - Check the LED indicators on the router. Refer to the Quick Installation Guide for LED status meanings.
 - Restart the router by turning it off and then on again.
 - Ensure your 3G USB modem is compatible with the router. Refer to the compatibility list on the TP-Link website.

- **Cannot Connect to Wi-Fi:**

- Ensure the Wi-Fi function on the router is enabled.
- Verify you are entering the correct Wi-Fi password (WPA/WPA2-PSK key).
- Move closer to the router to improve signal strength.

- **Slow Connection Speed:**

- Check for interference from other electronic devices.
- Ensure the router is placed in a central location for optimal coverage.
- Limit the number of connected devices or bandwidth-intensive activities.
- Check your internet service provider's speed.

- **Resetting the Router:** If issues persist, you may need to perform a factory reset. Locate the Reset Button (often a small pinhole) and press and hold it for about 5-10 seconds while the device is powered on, until the LEDs flash. This will restore the router to its default factory settings.

8. SPECIFICATIONS

Category	Specification
Model Name	TL-MR3040
Wireless Type	802.11b, 802.11g, 802.11n
Frequency	2.4 GHz
Signal Rate	Up to 150Mbps
Interface	1x 10/100Mbps WAN/LAN Port, 1x USB 2.0 Port for 3G modem, 1x Micro USB Port for power supply
Power Supply	Internal 2000mAh rechargeable battery, 5VDC/1.0A external power adapter
Dimensions (W x D x H)	3.94 x 2.44 x 0.63 inches (100 x 62 x 16 mm)
Weight	7.8 ounces (94g)
Operating System Compatibility	Microsoft Windows 98SE, NT, 2000, XP, Vista or Windows 7, MAC OS, NetWare, UNIX or Linux
Operating Temperature	15°C~40°C (59°F~104°F)
Operating Humidity	0%~75% non-condensing

9. WARRANTY AND SUPPORT

The TP-LINK TL-MR3040 comes with an industry-leading **2-year warranty**. For technical assistance or support,

please contact TP-Link customer service:

- **Technical Support (English):** +1 866 225 8139
- **Hotline en Français:** +1 855 987 5465
- Unlimited technical support is available.

For the latest firmware updates and compatibility information, visit the official TP-Link support website www.tp-link.com/en/support/download/

10. ADDITIONAL RESOURCES

For a comprehensive user guide and detailed instructions, please download the official PDF manual:

[Download User Manual
\(PDF\)](#)