MERCUSYS MT110

MERCUSYS MT110 Mobile WiFi Router User Manual

Model: MT110
Brand: MERCUSYS

INTRODUCTION

This manual provides detailed instructions for setting up, operating, maintaining, and troubleshooting your MERCUSYS MT110 Mobile WiFi Router. Please read this manual carefully before using the device to ensure proper and safe operation.
The MERCUSYS MT110 is a portable 4G LTE Cat4 mobile Wi-Fi router designed to provide internet access on the go. It supports download speeds of up to 150Mbps and allows up to 10 devices to connect simultaneously.

PACKAGE CONTENTS

Verify that all items are present in your package:

- MERCUSYS MT110 Mobile Wi-Fi Router
- Micro USB Cable
- Quick Installation Guide

DEVICE OVERVIEW

Figure 1: MERCUSYS MT110 Mobile WiFi Router and its retail box. The device is a compact black unit with LED indicators on top, designed for portable internet access.

Figure 2: Top view of the MT110 router, highlighting the Nano SIM Card slot, Micro USB charging port, and power button. A reset pinhole is also visible.

The MT110 features a compact design with essential ports and indicators for easy use.

- **LED Indicators:** Display Wi-Fi status, signal strength, and battery level.
- **Nano SIM Card Slot:** For inserting your 4G SIM card.
- **Micro USB Port:** Used for charging the device.
- **Power Button:** To turn the device on or off.
- **Reset Pinhole:** To restore factory settings.

SETUP

1. Inserting the SIM Card

1. Ensure the device is powered off.

2. Locate the Nano SIM Card slot on the top of the device.

3. Insert your Nano SIM card into the slot with the gold contacts facing down and the notched corner aligned as shown in the diagram. Push until it clicks into place.

Figure 3: Illustration demonstrating the correct orientation for inserting the Nano SIM card into the MT110's dedicated slot.

2. Charging the Device

Before first use, fully charge the MT110. Connect the provided Micro USB cable to the device's charging port and the other end to a USB power adapter (not included) or a computer's USB port.

- The battery LED indicator will show charging status.
- A full charge typically takes approximately 2.5 to 3 hours.

Figure 4: The MT110 is designed for extended use, featuring a 2200mAh battery that provides up to 10 hours of operation,

suitable for both day and night usage.

3. Powering On/Off

- **To Power On:** Press and hold the Power button for approximately 3 seconds until the LED indicators light up.
- **To Power Off:** Press and hold the Power button for approximately 3 seconds until the LED indicators turn off.

OPERATING THE DEVICE

1. Connecting to Wi-Fi

Once the MT110 is powered on and has established a 4G connection (indicated by the signal LED), you can connect your devices:

1. On your Wi-Fi enabled device (smartphone, tablet, laptop), open the Wi-Fi settings.
2. Search for available Wi-Fi networks. The default network name (SSID) and password are usually printed on a label inside the battery compartment or on the device itself.
3. Select the MT110's SSID and enter the password to connect.

Figure 5: The MT110 supports connecting up to 10 Wi-Fi devices simultaneously, making it ideal for sharing internet with friends or multiple personal devices.

2. Managing the Device via MERCUSYS App

For advanced management and monitoring, download the MERCUSYS app from your device's app store. The app allows you to:

- View signal strength and battery life.
- Change Wi-Fi name (SSID) and password.
- Monitor connected devices.
- Set data limits.
- Manage SMS messages (if supported by your SIM card).

Refer to the Quick Installation Guide for initial app setup and login details.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the device. Do not use liquid cleaners or aerosols.

- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures.

- **Battery Care:** To prolong battery life, avoid fully discharging the battery frequently. Charge the device regularly, even if not in use for extended periods.

- **Firmware Updates:** Check the MERCUSYS app or official website periodically for firmware updates. Keeping your device's firmware updated ensures optimal performance and security.

TROUBLESHOOTING

Problem	Possible Solution
No internet connection.	- Ensure the SIM card is correctly inserted and active. - Check if your SIM card has an active data plan. - Verify the signal strength LED. If it's red or off, there might be no network coverage. - Restart the MT110 router. - Check APN settings via the MERCUSYS app or web interface.
Cannot connect to Wi-Fi.	- Ensure the MT110 is powered on and the Wi-Fi LED is active. - Double-check the Wi-Fi password. - Move closer to the device to ensure you are within range. - Restart both the MT110 and your connecting device.
Slow internet speed.	- Check your 4G signal strength. Weak signal can lead to slow speeds. - Reduce the number of connected devices. - Ensure no background applications are consuming excessive data. - Try moving the device to a location with better network coverage.
Battery drains quickly.	- High usage or poor signal strength can increase battery consumption. - Ensure the device is not in an area with very weak signal, as it will consume more power searching for a network. - Limit the number of connected devices. - Consider reducing the Wi-Fi range if possible via settings.

SPECIFICATIONS

Feature	Detail

Feature	Detail
Model	MT110
Dimensions	11.1 x 7 x 2.4 cm
Weight	120 grams
Battery Capacity	2200 mAh Lithium-Ion (included)
Network Type	4G LTE Cat4 (FDD/TDD-LTE)
Download Speed	Up to 150 Mbps
Upload Speed	Up to 50 Mbps
Wireless Standard	802.11n
Wi-Fi Frequency	2.4 GHz
Max Connected Devices	10
SIM Card Type	Nano SIM
Charging Port	Micro USB
Operating System Compatibility	RouterOS (internal), compatible with PC, Smartphone, Tablet

WARRANTY AND SUPPORT

MERCUSYS products come with a limited warranty. Please refer to the warranty card included in your package or visit the official MERCUSYS website for detailed warranty terms and conditions specific to your region.
For technical support, product registration, or to download the latest firmware and drivers, please visit the official MERCUSYS support website:

www.mercusys.com

You can also contact MERCUSYS customer service through the contact information provided on their website.