



RTM-103 RuxTek 4G Portable Router User Manual

[Home](#) » [RuxTek](#) » RTM-103 RuxTek 4G Portable Router User Manual 

Contents

- [1 RTM-103 RuxTek 4G Portable Router](#)
- [2 Specifications](#)
- [3 Introduction](#)
- [4 Package contents](#)
- [5 Buttons & Interfaces](#)
- [6 Indicator description](#)
- [7 Usage scenario](#)
- [8 Product Usage Instructions](#)
 - [8.1 Installation Instructions](#)
- [9 Installation Instructions](#)
 - [9.1 Installation of the Micro SIM card and battery](#)
 - [9.2 Power on/off](#)
- [10 Connection and usage](#)
 - [10.1 Login](#)
 - [10.2 Power On/Off](#)
 - [10.3 Connection and Usage](#)
 - [10.4 Web UI Home](#)
- [11 Warranty Card](#)
- [12 Frequently Asked Questions \(FAQ\)](#)
- [13 Documents / Resources](#)
 - [13.1 References](#)

RTM

RTM-103 RuxTek 4G Portable Router



Specifications

- Communication Mode: LTE Cat.4 Downlink/Uplink up to 150Mbps/50Mbps
- Connection Availability: IEEE 802.11 b/g/n/ax, 2.4GHz Wi-Fi6
- Up to support 12 access points
- USB Input: 5V/1A
- Battery Capacity: 2100mAh
- Web UI Address: 192.168.0.1
- Web UI Password: admin
- Working temperature: 0~+45
- Storage temperature: -10~+60
- Working humidity: 10%~95%
- Storage humidity: 10%~80%

Introduction

It is a high-performance LTE Mobile Wi-Fi device, with supporting all router functions. User equipment can be connected via Wi-Fi or USB to enjoy a fast navigation experience. This manual introduces the installation and usage of this equipment. For more details about the network connection, please consult your operator.

Package contents

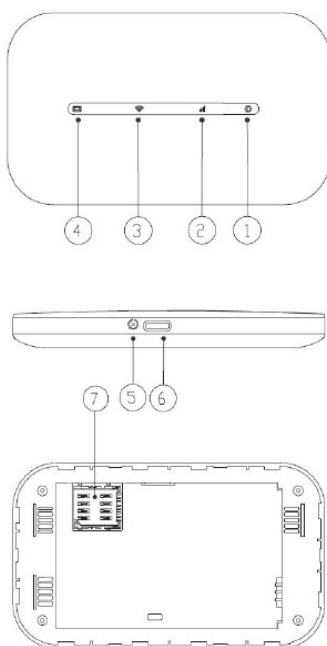
- MiFi Router X 1
- Battery X 1
- User Manual X 1
- Warranty card (contained in the user manual) X 1
- USB cable: The USB cable is optional; it depends on the real MiFi you buy.

Attention

Please observe the following items to avoid any accidental injury, fire or burst:

1. Do not use the device while charging.
2. Do not drop or hit the device.
3. Please do not expose this product to the following environments:
 - High temperature environment or sun exposure environment.
 - Dusty, humid or potentially condensing environment.
 - Places with strong electromagnetic waves or high magnetic fields.

Buttons & Interfaces



Dimension: 106mm*63mm*12.5mm

1	Power button
2	Signal indicator
3	Wi-Fi indicator
4	Battery status
5	Reset hole, Press the reset button for 5-7s to restore factory settings
6	Charger/USB Type C interface
7	Micro-SIM slot

Indicator description

Name	Status	Description
Signal Indicator	Constantly Green	Register the network successfully
	Green fast flash	Network searching
	Red slow flash	No network
	Constantly Red	Register failed
Wi-Fi Indicator	LED off	Wireless function off
	Constantly Green	The Wi-Fi hotspot is enabled
	Green fast flash	Activate WPS and hold the status for 1 minute
Battery Status	Constantly Green	The battery level is greater than 30%
	Constantly Orange	The battery level is between 10% to 30%
	Constantly Red	The battery level is less than 30%
	Green flash	Charging and the power > 30%, in this state, when the green light is steady on, indicating that the charging is complete
	Orange flash	Charging and the battery level is between 10% to 30%
	Red flash	Charging and the battery level is less than 10%

Usage scenario

1. Family and dormitory



2. Office and meetings



3. Travel and live broadcast



Product Usage Instructions

Installation Instructions

To install the Micro SIM card and battery:

1. Push to open and remove the rear cover of the device.
2. Put the Micro SIM card into the slot, being mindful of the direction.
3. Insert the battery with the correct orientation.
4. Put the cover back on the device and close it.

Installation Instructions

Installation of the Micro SIM card and battery

1. Push to open and remove the rear cover of the device.
2. Put the Micro SIM card into the slot, be mindful of the direction.
3. Put the battery inside with the right direction.
4. Put the cover back of the device and close it.

Power on/off

- **Power on:** Long press the POWER button to turn on the device, the LED will light up.
- **Power off:** When the device is on, long press the POWER button to turn off the device.

Charging

By using the charger to connect a USB power supply to the device to charging.

1. Use the USB cable to connect the computer or other equipment to charger the device.
2. Use the charger to connect a USB power supply to the device. Cautions
3. Before plug in and plug out the SIM card, please power off the device first.
4. Please minimize the obstacles between the device and the user terminals.

Connection and usage

There are two methods to set up the connection: Via USB cable or via Wi-Fi.

The SSID and KEY of the device will be posted on the label, or you can obtain this information through the way as below:

Enter the Web UI, enter to settings → WLAN settings → Basic settings, you will see the information of SSID and KEY. Web UI management interface can help users to manage the device effectively. Here are the steps of how to manage the page.

Login

1. Power on the device and set up the connection.
2. Start the browser; enter the IP address into the web page in the address bar.
3. In the subsequent pop-up login window, enter the default password “admin”, click login and you can enter the Web UI management page.



Power On/Off

To power on the device:

- Long press the POWER button until the LED lights up.

To power off the device:

- When the device is on, long press the POWER button to turn it off.

Cautions:

1. Before plugging in or removing the SIM card, please power off the device first.
2. Please minimize obstacles between the device and the user terminals for better connectivity.

Connection and Usage

There are two methods to set up the connection: via USB cable or via Wi-Fi.

The SSID and KEY of the device can be found on the label or through the Web UI:

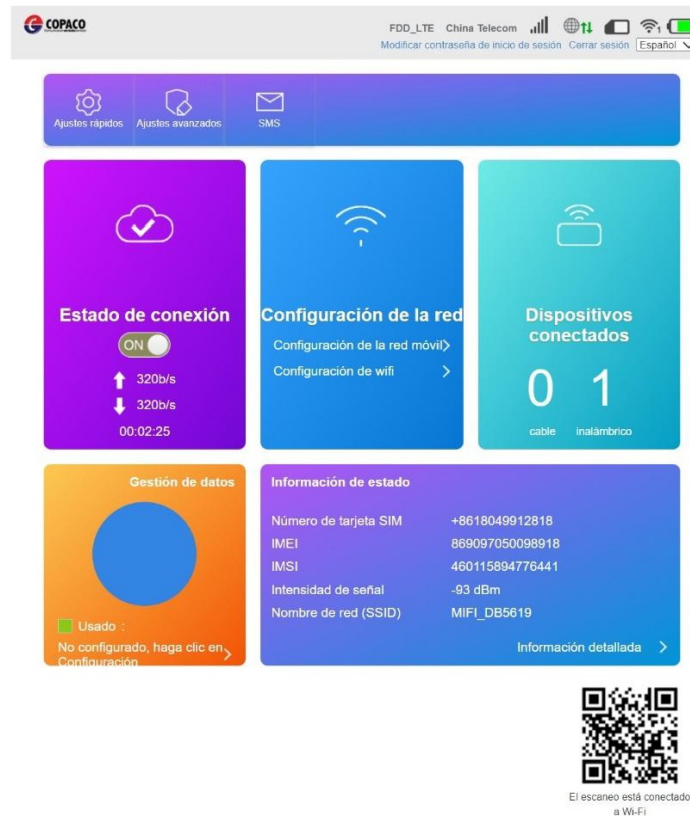
1. Enter the Web UI by typing “192.168.0.1” in your web browser.
2. Go to settings > WLAN settings > Basic settings to find the SSID and KEY information.

The Web UI management interface can help users effectively manage the device. Here are the steps to manage the page:

1. Open your web browser and enter “192.168.0.1” in the address bar.
2. Enter the password “admin” when prompted.

Web UI Home

The home page is as bellow:



The home page will display access to user information list details of the user of the equipment. Direct your mouse to the upper right corner, it will be displayed in sequence from left to right network type, operator, signal strength, messages, SIM card status, Wi-Fi status, battery level and other information.

Change login password

The password can easily be changed.

The screenshot shows the 'Contraseña de inicio de sesión' (Login Password) form. It has a blue header with a back arrow and the title. The form contains three input fields: 'Contraseña actual *', 'Nueva contraseña *', and 'Confirmar nueva contraseña *'. A blue 'Aplicar' button is located at the bottom right. Below the input fields, a light blue box contains the text: 'Cuando inicia sesión en el enrutador inalámbrico, debe ingresar esta contraseña (la contraseña es diferente de la contraseña de su red inalámbrica)'.

Quick Settings

On this page you can set up some basic parameters.

1. APN settings

2. SSID

The SSID page can be used to turn SSID broadcasting on or off and allows you to change the network name (SSID)

3. Security Mode

- Click next and the configuration items will be displayed. Click Apply then all connected Wi-Fi devices will need to reconnect when Wi-Fi configuration changes.



Ajustes rápidos

El asistente lo guiará en la configuración rápida de los parámetros básicos de la puerta de enlace: haga clic en "Anterior" y "Siguiente" para navegar y haga clic en "Aplicar" para guardar la configuración.

Anterior


Aplicar






Configuración de la siguiente manera

Configuración de APN	Auto
Nombre de red (SSID)	MIFI_DB5619
Mostrar punto de acceso	Permitir
modo de seguridad	WPA2(AES)-PSK

Data Management


Click on Data Management and enter into, then you can set the daily, monthly statistic plan. As shown, you can create a flow plan and apply.



FDD_LTE China Telecom






[Modificar contraseña de inicio de sesión](#)
[Cerrar sesión](#)

Español



Gestión de datos


Puede crear un plan de estadísticas, consulta estadística utilizada y restante



Gestión de datos


☒ Permitir
☐ Desactivar

Tipo de datos

☐ Datos
☒ Tiempo



 00:10:28 usado


 00:00:00 de los restantes

cuando se alcanza % , para recordarme ☒ ☐

hora(s)

El uso de datos es solo aproximado. Para conocer el uso real, consulte a su operador de red.

Aplicar

Warranty Card

Dear Customer, thank you for using this product. In order to better serve you, please read, fill in and keep this warranty card after purchasing the product.

User information

- Company or personal name
- Mailing address
- Contact number
- E-mail
- Product No.

- Product IMEI No.
- Date of purchase
- Invoice No.
- Distributor name
- Distributer address
- Distributer phone

Kept by users, no reissuing if lost.

Distributor (seal):

FCC Regulations:

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
 2. this device must accept any interference received, including interference that may cause undesired operation.
- This device has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiated radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures
- Reorient or relocate the receiving antenna.
 - Increase the separation between the equipment and receiver.
 - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
 - Consult the dealer or an experienced radio/TV technician for help. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

RF Exposure Information (SAR)

This device designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government. The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6W/kg. The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this device is on file with the FCC and can be found under the Display Grant section of www.fcc.gov/oet/ea/fccid after searching on FCC ID: 2BDRQRTM-103 For body worn operation, this device has been tested and meets the FCC RF exposure guidelines for use with an accessory that contains no metal and the positions the device a minimum of 1 cm from the body. Use of other accessories may not ensure compliance with FCC RF exposure guidelines. If you do not use a body-worn accessory, position the device a minimum of 1 cm from your body when the device is switched on.

Frequently Asked Questions (FAQ)

Q: Can I use the device while it is charging?

A: No, it is recommended not to use the device while it is charging to avoid any potential accidents or damage.

Q: What should I do if I accidentally drop or hit the device?

A: It is important to handle the device with care and avoid dropping or hitting it to prevent any damage.

Q: Can I use the device in high temperature or sun exposure environments?

A: No, it is not recommended to expose the device to high temperature or sun exposure environments as it may cause damage.


Q: Can I use the device in dusty, humid, or potentially condensing environments?

A: No, it is not recommended to use the device in dusty, humid, or potentially condensing environments as it may affect its performance.

Q: Can I use the device in places with strong electromagnetic waves or high magnetic fields?

A: No, it is not recommended to use the device in places with strong electromagnetic waves or high magnetic fields as it may interfere with its operation.

Documents / Resources

	<p>RuxTek RTM-103 RuxTek 4G Portable Router [pdf] User Manual RTM-103 RuxTek 4G Portable Router, RTM-103, RuxTek 4G Portable Router, 4G Portable Router, Portable Router, Router</p>
--	--

References

- [User Manual](#)