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**RD13 AC1200
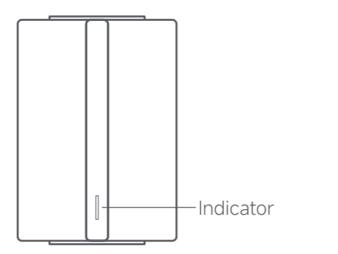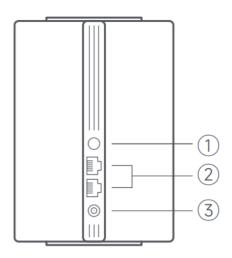Mesh System**

xiaomi RD13 AC1200 Mesh System User Manual

Contents

xiaomi RD13 AC1200 Mesh System

Product Overview

Read this manual carefully before use, and retain it for future reference.

Indicator

①	Mesh/Reset button	Press the button to have Mesh networking with routers that support the Xiaomi Mesh function. Press and hold the button for 5 seconds to restore the router to its factory settings.
②	Network port	2 × 10/100/1000 Mbps WAN/LAN auto-sensing port.
③	Power port	Connect the power adapter to the router.

Note: Illustrations of product, accessories, and user interface in the user manual are for reference purposes only. Actual products and functions may vary due to product enhancements.

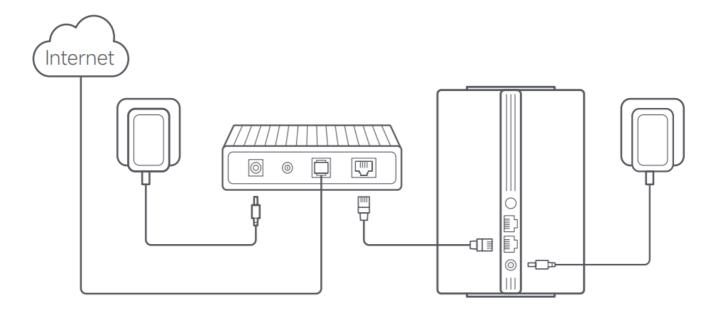|	
Off	The router is off or unplugged.
Orange	The system is starting up or a network connection error occurred.
Blinking orange	The new added satellite router is connecting to the Mesh networking or the system is updating.
Breathing orange	The router is started and the system is ready for configuration.
Blue	The router is working properly.
Breathing blue	A new satellite router is discovered. The indicator will automatically turn blue if there is no operation for Mesh networking within 2 minutes.
Blinking blue	The satellite router is connecting to the main router.

Network Configuration

Preparation before the Configuration

1. Connect the router to power, then the router will automatically turn on. Note: For the product of 2-pack or 3-pack version, connect any of the routers as the main router to power. Then the router will automatically turn on.
2. Restart your modem.
   Note: The modem is provided by your Internet service provider.
3. Plug one end of the network cable into either of the router'portrt and the other end into the LAN port of the modem.
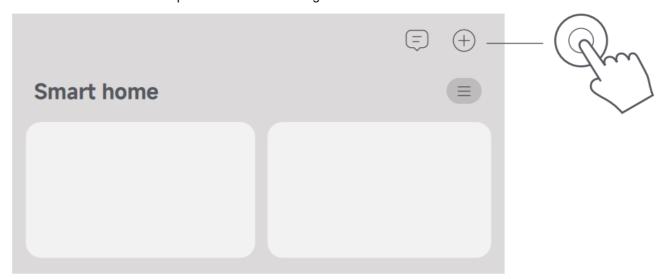   **Note:** If you use the Ethernet wall socket instead of the modem, directly plug the network cable into it.

Method 1 Network Configuration via Mi Home/Xiaomi Home App

1. Scathe n QR code to download the Mi Home/Xiaomi Home app*. Or search for "Mi Home/Xiaomi Home" in the app store to download and install it.

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2. The app is referred to as Xiaomi Home app in Europe (except for Russia). The name of the app displayed on your device should be taken as the default.

3. Open the Mi Home/Xiaomi Home app, tap "+" on the upper right, choose the right product model, and then follow the instructions to complete the network configuration.

Notes

- The version of the app might have been updated; please follow the instructions based on the current app version.
- For the product of 2-pack or 3-pack versions, the routers in the box have been pre-paired when leaving the factory.
- When the network configuration of one router is completed, just power on the rest of the outers, and they will Mesh networking automatically.

Method 2 Network Configuration via Web Browser

1. Check the Wi-Fi name on the label at the bottom of the router and then connect your phone or computer to the Wi-Fi.

Wi-Fi Name: xxxx_minet_xxxx
SN: XXXXX/XXXXXXXXX

MAC: XX:XX:XX:XX:XX:XX

2. Then automatic redirection will take you to the network setup page. If not, open the web browser and enter **miwifi.com** or 192.168.31.1.
3. Follow the instructions on the setup page to complete the network configuration.
   Note: Contact your Internet service provider to get the details if you are not familiar with the Internet connection type.
4. After the configuration of the router is completed, the Wi-Fi module will restart. Try to search the Wi-Fi again later.
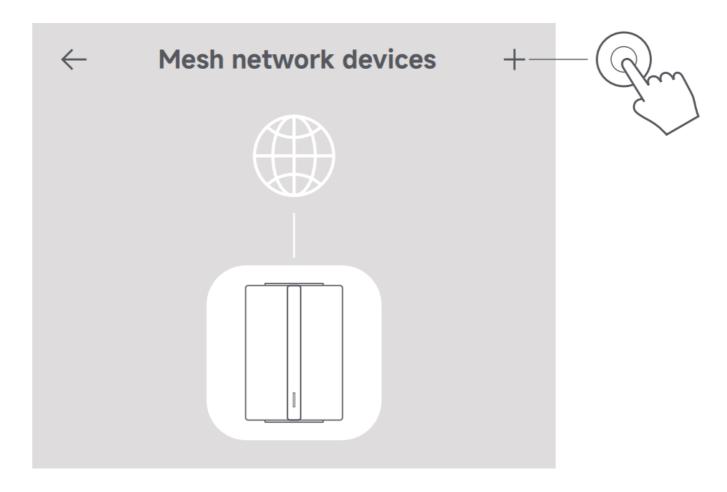
Notes

- For the product of 2-pack or 3-pacversionson, the routers in the box have been pre-paired when leaving the factory.
- When the network configuration of one router is completed, just power on the rest of the routers, and they will Mesh networking automatically.
- After completing the network configuration, you can also add the router via the Mi Home/Xiaomi Home app. Refer to the QR code in Method 1 to download and install the Mi Home/Xiaomi Home app.
- Make sure that the settings of the country or region via the web browser are consistent with the country or region selected in the Mi Home Xiaomi Home app; otherwise, adding the router will fail.

Xiaomi Mesh Networking

Xiaomi Mesh networking technology supports Mesh networking of up to 10 routers to achieve broader network coverage. Follow the steps below to configure the Mesh networking.
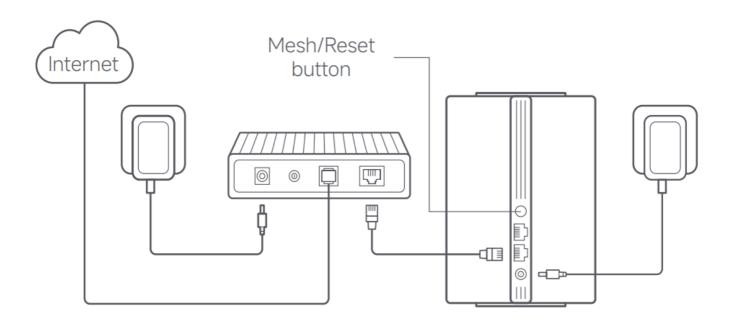**Note:** Go to **www.mi.com** to check the product model and version of the routers that support the Xiaomi Mesh networking function.

Method 1 Mesh Networking via Mi Home/Xiaomi Home App

1. Open the Mi Home/Xiaomi Home app.

2. Go to the "Mesh network devices" page of the main router.

3. Tap "+" on the upper right corner of the page.

4. Follow the instructions to complete Mesh networking.

5. When the Mesh networking is completed, the indicator of the satellite router turns blue.
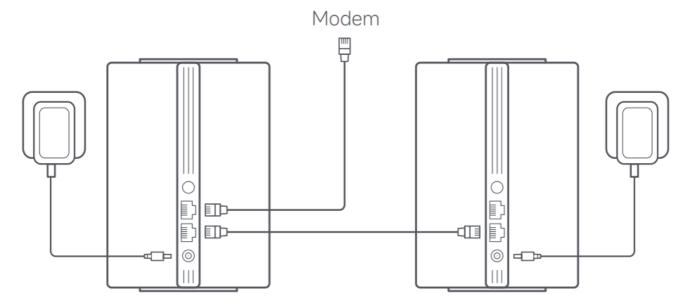
Method 2 Mesh Networking via Mesh Button

1. Make sure the main router is connected to the network. Connect the satellite router to power and place it near

but at least one meter away from the main router. Otherwise, they will interfere with each other and affect the networking.

2. After the satellite router powers on, the main router will automatically discover it, and the indicator of the main router will start breathing blue.

    Note: If the satellite router is already configured, press its reset button to restore it to the factory settings first.

3. Press the mesh button on the main router, and the indicators of the main router and satellite router will start blinking. It will take about minutes to complete the Mesh networking.

4. When the Mesh networking is completed, the indicator of the satellite router turns blue.

Method 3 Mesh Networking via Network Cable

1. Make sure the main router is connected to the network. Place the satellite router in the location where you need Wi-Fi coverage and power it on.

2. Connect any port of the satellite router and any port of the main router via a network cable. The indicators of the main router and satellite router will start blinking. It will take about 2 minutes to complete the Mesh networking.

3. When the Mesh networking is completed, the indicator of the satellite router turns blue.

Troubleshooting

Issue	Possible Cause and Solution
I cannot access the internet.	· Make sure the network cable is plugged into the Ethernet port of the modem. If your modem has multiple Ethernet ports, leave the others unplugged. · Turn off your modem and wait for 5 minutes, then turn it on and have a reset. · Directly connect a computer to the modem via a network cable to check if the internet is working. If not, contact your Internet service provider. · Log in to the router's web management page, and go to the Network Settings to verify the internet IP address. If valid, set your primary DNS to 8.8.8.8, and secondary to 8.8.4.4. If invalid, make sure the hardware connections are connected properly or contact your Internet service provider.
My wireless devices cannot connect to the Wi-Fi.	· Ensure the Wi-Fi name and password do not contain special characters during configuration. · Make sure the Wi-Fi you selected and the password you entered are correct. · Verify if your device is blacklisted. If yes, remove it from the blacklist to allow connection. · Choose WPA2 encryption for your router to enhance compatibility. · Restart both your router and device then try again.

Issue	Possible Cause and Solution
I forget the management password or Wi-Fi password of the router.	· Restore the router to factory settings, and set up a new management password or Wi-Fi password.
I cannot add the router in Mi Home/Xiaomi Home app.	· Check if your phone has connected to the Wi-Fi of the router. · Check if the selected product model is correct in Mi Home/Xiaomi Home app. · If the network configuration of the router was completed via the web browser, make sure that the settings of country or region via the web browser are consistent with the country or region selected in the Mi Home/Xiaomi Home app.

Regulatory Compliance Information

Operating Frequency

Wi-Fi	2412MHz-2462MHz 5150MHz-5250MHz

Hereby, Beijing Xiaomi Electronics Co., Ltd. declares that the radio equipment type RD13 complies with Directive 2014/53/EU, Directive 2011/65/EU, and Directive 2009/125/EC. The full text of the EEU Declaration of Conformity is available at the following internet address: **http://www.mi.com/global/service/support/declaration.html**.

All products bearing this symbol are waste electrical and electronic equipment (WEEE as in directive 2012/19/EU,) which should not be mixed with unsorted household waste. Instead, you should protect human health and the environment by handing over your waste equipment to a designated collection point for the recycling of waste electrical and electronic equipment, appointed by the government or local authorities. Correct disposal and recycling will help prevent potential negative consequences to the environment and human health. Please contact the installer or local authorities for more information about the location as well as the terms and conditions of such collection points.

Warning: To comply with CE RF exposure requirements, the device must be installed and operated 20 cm (8 inches) or more between the product and the person's body. Operation of this equipment in a residential

environment could cause radio interference.

The power adapter shall be installed near the equipment and easily accessible. Refer to the detailed product specifications on the label at the bottom of the device.

Warning

Operation of this equipment in a residential environment could cause radio interference. This device is restricted to indoor use only when operating in the 5150–5250 MHz frequency range in the following countries:

	AT	BE	BG	HR	CY	CZ	DK	EE	FI
	FR	DE	EL	HU	IE	IT	LV	LT	LU
	MT	NL	PL	PT	RO	SK	SI	ES	SE
	UK (NI)	IS	LI	NO	CH	TR		

Specification

Name	Xiaomi Mesh System AC1200
Model	RD13
Input	12 V⎓1 A
Wired Technology	2 × 10/100/1000 Mbps WAN/LAN auto-sensing port
Wireless Technology	2.4 GHz Wi-Fi (300 Mbps), 2 × 2 MIMO 5 GHz Wi-Fi (867 Mbps), 2 × 2 MIMO
Operating Temperature	0°C to 40°C

Notes

The network standby power consumption is 4 W if all wired network ports are connected and all wireless network ports are activated. You can activate or deactivate the Wi-Fi network in the "Settings" of the management page (**miwifi.com)**.

Manufacturers authorized by EU Representative
Name: Xiaomi Technology Netherlands B.V
Address: Prinses Beatrixlaan 582, 2595BM, The Hague, The Netherlands
Manufacturer: Beijing Xiaomi Electronics Co., Ltd.
Address: Room 802, Floor 8, Building 5, No.15 KeChuang 10th Road, Beijing Economic and Technological Development Zone, Beijing City, China.
For further information, please go to **www.mi.com**
The product complies with UK PSTI regulations, the full text of the declaration of conformity is available at the following internet address: **https://www.mi.com/global/service/support/declaration.html**.

Documents / Resources

xiaomi RD13 AC1200 Mesh System [pdf] User Manual
2AIMRRD13, RD13 AC1200 Mesh System, RD13, AC1200 Mesh System, Mesh System, System

References

- **User Manual**