

FRONT SIDE

RangeXTD



WiFi Range Extender

Instruction Manual

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Introduction

RangeXTD is best used on Repeater Mode, which extends your existing WiFi signal to "dead zones" in your home or workplace.
On Router Mode, RangeXTD can be used as a WiFi router when wired to your modem, or on AP Mode when wired to your existing wireless router.
RangeXTD supports 2.4GHz WiFi connection and speeds of up to 300Mbps. It includes two built-in antennas which provide optimal signal strength.
RangeXTD's stable technology automatically avoids channel conflicts by using its own channel selection feature.

Package Contents

- 1x WiFi Extender/AP/Router (the device)
- 1x Instruction Manual
- 1x Ethernet Cable

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Hardware Overview

Default Setting

URL: 192.168.7.234

Login Password: admin

WiFi SSID: RANGEXTD

WiFi Key: None

On/Off Switch

WPS Button

Mode Selector

Reset Pinhole Button

WAN/LAN Port

LAN Port

WiFi Indicators

Power/WPS Indicator

WAN/LAN Indicator

LAN Indicator

AC Power Plug

WPS Button:

Press once to start WPS mode, press and hold WPS button for 5 seconds to activate WPS search mode on your device (or Repeater Mode).

Reset Pinhole Button:

Press and hold 3 seconds to reset the device.

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LED Indicators

POWER/WPS	ON:	The device is power on
	OFF:	The device is not receiving power
	Slow Flashing:	The WPS is waiting for client connection
	Fast Flashing:	The device is connecting to your AP/Router
LAN	ON:	The Ethernet port is connected
WAN/LAN	OFF:	The Ethernet port is disconnected
	Flashing:	Data is transferring

WiFi Signal Strength Indicators (refer to the diagram on the right)

Mode	1	2	3	4	Description
AP/Router	ON	ON	ON	ON	WiFi signal router power 100%
	ON	ON	ON	ON	Excellent reception
	ON	ON	ON	ON	Signal strength 90% to 100%
Repeater	ON	ON	OFF	OFF	Good reception
	ON	ON	ON	OFF	Signal strength 70% to 90%
	ON	OFF	OFF	OFF	Weak reception
	ON	OFF	OFF	OFF	Signal strength below 25%
Flashing	OFF	OFF	OFF	OFF	Disconnected

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Getting Started

Setting Up Your Wireless Network

For a typical wireless setup at home (as shown below), please do the following:

WIRELESS REPEATER MODE

RangeXTD copies and boosts the existing wireless signal to extend the internet coverage. This mode is especially useful to eliminate "dead zones" over a large area. This mode is ideal for large houses, offices, warehouses, or other spaces where the existing WiFi signal is weak.

WIRELESS AP MODE

The device is connected to a wired network, then transform the wired internet access into a wireless one so that multiple devices can share access. This mode is ideal when there is interference between rooms (for example, a basement). Extend the wired connection from the router to the RangeXTD in the affected area to gain WiFi access in this area.

ROUTER MODE

RangeXTD is connected to a DSL or cable modem and works as a regular wireless router. This mode is ideal for an area where internet access from the DSL or cable modem is available for one user but not for multiple connections.

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CONFIGURING THE WIFI REPEATER MODE

Configure via WPS Button

This is the easiest way to configure the RangeXTD. First, check whether your wireless router supports WPS. For further details, please read the operating manual for your wireless router. If your router does not have a WPS button, skip this page and follow the next page "Configure via Web Browser".

Quick and Easy



Tips:

If you want to use your RangeXTD in Repeater Mode, please ensure it is placed in a location where the LED signal indicator displays at least 2 bars of power. If it doesn't, place the device in a different location where the signal is stronger.

STEPS

1. The mode selector on the RangeXTD must be set to the "Repeater" position for Repeater Mode.
2. Plug the RangeXTD into a wall socket. Turn on the device.
3. Press the WPS button on the RangeXTD for 1-2 seconds. The WPS LED will flash slowly for approximately 2 minutes.
4. Within these 2 minutes, press and hold the WPS button on your wireless router for 2-3 seconds. (For further details, please read the operating manual for your wireless router.)

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Configure via Web Browser

(if no WPS button on router)

If your wireless router does not support WPS, you can configure the WiFi Repeater Mode by either connecting it with your smart device (e.g., mobile, tablet, laptop) via the included Ethernet cable or by connecting wirelessly.

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A. Configure the WiFi Repeater Mode wirelessly

A1. The mode selector must be set to the "Repeater" position for Repeater Mode. Plug the RangeXTD into a wall socket. Turn the device on.

A2. Click on the network icon or to access the WiFi settings on your smart device. Look for the name RANGEXTD to connect to. Click on the "Connect" button and wait for a few seconds.

A3. When connected, open your web browser and enter 192.168.7.234 in the browser address box. This number is the default IP address for this device.

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A4. The login screen will appear (see image below). Enter the default password: admin. Then click: LOGIN

A5. After logging in, click on the "Repeater" button to start the setup (see image below).

A6. From the list, select your WiFi SSID. Then key in your router's password. You are also able to give your RangeXTD repeater a new name if you wish to.

When the information is entered, click on the "Apply" button to configure and reboot the device. After the reboot, simply connect to the new WiFi SSID.

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B. Configure the WiFi Repeater Mode with the Ethernet Cable.

B1. Plug the RangeXTD into a wall socket. Turn it on. Connect your computer/laptop to the RangeXTD with the Ethernet cable.

B2. Follow steps A3 to A6 for configuration.

Resetting RANGEXTD

To restore factory default settings, press and hold the RESET pinhole button for 10 seconds and then release. The LED indicators will all turn off. After you reset your device, unplug it for 3 seconds. Plug it back in and wait about 30 seconds, then check your WiFi network for the network called "RANGEXTD" on your computer or mobile device.

If your device is already configured to your network, you cannot access the default IP address (192.168.7.234). You must reset the device for access.

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CONFIGURING THE WIRELESS AP MODE

Use the AP Mode to obtain a wireless access point: You will connect wirelessly to the RangeXTD in this mode. You can also use this mode to make a non-wireless-enabled router into a wireless-enabled router.

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STEPS

1. The mode selector must be set to the "AP" position for Access Point Mode.
2. Plug the RangeXTD into a wall socket. Turn it on. Connect your router to the RangeXTD with the Ethernet cable.
3. When connected, open your web browser and enter 192.168.7.234 in the browser address box. This number is the default IP address for this device.
4. The login screen below will appear. Enter the default password: admin. Then click: LOGIN

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尺寸: 100 x 92mm
105銅版紙彩色, 折疊

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After logging in, you will see the web page displayed below. Click on the "AP" button to start the setup process.

6. The following message will be displayed on your web browser (see image below). Enter RangeXTD's wireless information. It's recommended that you rename the SSID, choose an Authentication Mode, and create a WiFi Password.

SSID	Create the wireless SSID (RangeXTD)
Authentication Mode	Set up the wireless security and encryption to prevent unauthorized access and monitoring. Supports WPA2, WPA/WPA2 encryption methods.
Password	Create a password

Click the "Apply" button. The RangeXTD will restart. After the reboot has been completed, please use the WiFi setting on your smart device (mobile, tablet, computer, laptop), and connect to the new WiFi SSID you created.

Resetting RANGEXTD

To restore the factory default settings, press and hold the RESET pinhole button on the side of the RangeXTD for 10 seconds and then release. The LED indicators will all turn off. After you reset your device, unplug it for 3 seconds. Plug it back in and wait about 30 seconds, then check your WiFi settings for the network called RANGEXTD. If your RangeXTD is already configured to your network, you cannot access the default IP address (192.168.234). You must reset RangeXTD for access.

Scan the QR Code below for easy-to-follow video instructions.

Configuring the WiFi Router Mode

In WiFi Router mode, your RangeXTD is connected to a modem and works as a typical wireless router does. It's ideal for when internet service from the modem is available for one user but more users require access to the internet.

1. Set the mode selector on the side of the RangeXTD to the Router position.

2. Plug the Device into a wall socket.

3. Connect your DSL modem to the RangeXTD with the included Ethernet cable.

4. When connected, open your web browser and enter 192.168.234 in the browser address bar. This number is the default IP address for your RangeXTD. The left screen will appear (see image below). Enter the default password: admin. Then click LOGIN.

5. After logging in, you will see the web page displayed below. Click on the "Router" button to start setup.

6. After logging in, you will see the web page displayed below. Click on the "Router" button to start setup.

7. Choose your WAN connection type. If PPPoE (DSL, Cable, etc.) is selected, please enter the Account and Password from your ISP. If DHCP is selected, please follow step 7. If PPPoE is selected, please follow steps 7 to 9*.

7. RangeXTD's wireless information. It's recommended that you rename the SSID, choose an Authentication Mode, and create a WiFi Password. The device will be ready to use.

SSID	Create the wireless SSID (RangeXTD)
Authentication Mode	Set up the wireless security and encryption to prevent unauthorized access and monitoring. Supports WPA2, WPA/WPA2 encryption methods.
Password	Create a password

8. If Static IP is selected, please enter the IP Address, Subnet Mask, Default Gateway, DNS, etc.

9. Enter RangeXTD's wireless information. It's recommended that you rename the SSID, choose an Authentication Mode, and create a WiFi Password. Click "Apply" and the RangeXTD will restart. Wait for a few seconds and the device will be ready to use.

Click the "Apply" button. The RangeXTD will restart. After the reboot has been completed, please use the WLAN setting on your smart device (mobile, tablet, computer, laptop), and connect to the new WiFi SSID you created.

Resetting RANGEXTD

To restore the factory default settings, press and hold the RESET pinhole button on the side of the RangeXTD for 10 seconds and then release. The LED indicators will all turn off. After you reset the device, unplug it for 3 seconds. Plug it back in and wait about 30 seconds, then check your WiFi settings for the network called RANGEXTD. If your RangeXTD is already configured to your network, you cannot access the default IP address (192.168.234). You must reset RangeXTD for access.

SSID	Create the wireless SSID (RangeXTD)
Authentication Mode	Set up the wireless security and encryption to prevent unauthorized access and monitoring. Supports WPA2, WPA/WPA2 encryption methods.
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Click the "Apply" button. The RangeXTD will restart. After the reboot has been completed, please use the WLAN setting on your smart device (mobile, tablet, computer, laptop), and connect to the new WiFi SSID you created.

Change Management Password

The default password of the device is "admin", and it's displayed on the login prompt when accessed from a web browser. There's a security risk if you don't change the default password, since anyone can see it. This is very important when you have the wireless function enabled.

To change the password, please follow these instructions: Click the "Change Password" button on the management settings interface. The following message will be displayed on your web browser (see image below).

Click "Apply" button. The RangeXTD will log off.

If you forget your existing password, you can reset it by clicking the RESET pinhole button on the side of the RangeXTD for 10 seconds and then release. The LED indicators will all turn off. After you reset your device, unplug it for 3 seconds. Plug it back in and wait about 30 seconds, then check your WiFi settings for the network called RANGEXTD.

Firmware Upgrade

The system software used by this device is called firmware, similar to the applications on your computer. When you upgrade your firmware, your device will be equipped with new functions. You can also use the firmware upgrade function to add new functions to your device, and you can even fix common bugs and other troubleshooting issues.

To update, click "Upgrade Firmware" located on the management settings interface, and then the following message will be displayed on your web browser:

Click "Browse" or "Choose File".

You're prompted to provide the "firmware upgrade" file. Please download the latest firmware package from our website, and use this file to upgrade your device.

After a "firmware upgrade" is selected, click **Upgrade**. The device will begin to upgrade the firmware immediately. This procedure may take several minutes.

Note:

- Never interrupt the upgrade procedure by closing the web browser or physically disconnecting your computer from the device. If the firmware upgrade is interrupted, it will fail. If you experience an issue with this that you cannot resolve, please contact customer support for assistance.
- The warranty will be voided if the upgrade procedure is interrupted.

How to Connect your Computer/Laptop with the Device

Adding a wireless computer to the device

- Log in to your computer.
- Connect to your preferred network by clicking the network icon in the notification area.
- Choose your wireless network from the list, and then click **Connect**.
- The network security key (if prompted to do so), then click "OK". You'll see a confirmation message when you are connected to the network.
- To confirm that you are able to the computer:
 - Open the network by clicking on the Windows Start button and then navigating to the **Control Panel** under **Windows System**.
 - In the Search box, type **network**, and then under **Network and Sharing Center**, click **View network computers and devices**.
 - You should see icons for the computer you added, and for the other computers and devices that are part of the network.

Note:

If you don't see icons in the Network folder, then network discovery and file sharing might be turned off.

Having difficulties setting up your device? We are here to help!

Please visit our support.mymingaco.com/ or scan the QR code (to the right) for any urgent inquiries!

WEEE Directive & Product Disposal

This product is not to be disposed of as general waste. It should be recycled in accordance with the WEEE Directive. Detailed disposal instructions are provided on the back of the product.

Reduction Emission Statement

This equipment meets the requirements of the EU RoHS Directive (2002/95/EC) and the EU REACH Directive (2006/182/EC). The product is designed to be energy efficient and to reduce the environmental impact of its use.

CE

Conformité Européenne

FCC

Federal Communications Commission

CAUTION

Do not open the cover. The device is not to be opened. Opening the device may void the warranty. The device is not to be used for medical purposes. The device is not to be used for medical purposes. The device is not to be used for medical purposes.

NOTES:

- This equipment has been tested and found to comply with the limits for Class B digital devices, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when this equipment is operated properly. However, there is no guarantee that interference will not occur in certain installations. If this equipment does cause interference to radio reception, the user is encouraged to try to reorient the equipment or to use a different power outlet.
- Changes to the equipment may void the warranty.
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