Wi-Fi Range Extender
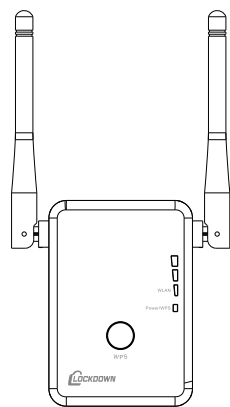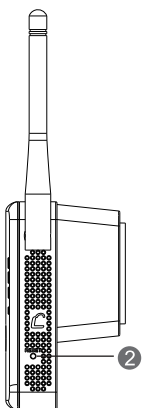
Quick Installation Guide

Hardware Overview

1 WPS Button
2 Reset Button
3 Power/WPS LED
4 WAN/LAN LED
5 Wi-Fi Signal status LED

Default Parameters

Web Setup: **http://ap.setup**

Default IP: **192.168.10.1**

Password: **admin**

2.4G SSID: **LOCKDOWN_EXT**

LED Indicators

POWER	**ON**: The Device is powered on
	OFF: The Device is not receiving electrical power.
LAN/WAN	**ON**: The Ethernet port is connected.
	OFF: The Ethernet port is disconnected.
	Flashing: Transferring data to/from a network device
WPS	**Slow Flashing**: The Device is trying to connect to your PC or Phone
	Fast Flashing: The Device is connecting to your AP/Router

Wi-Fi Signal

Mode	Wi-Fi Signal Status LED			Description
	◣	◲	▭	
Repeater	ON	ON	ON	Better reception signal strength 75% to 100%
	ON	ON	OFF	Good reception signal strength 50% to 75%
	ON	OFF	OFF	Weak reception signal strength below 50%
	Flashing	OFF	OFF	Disconnected

WPS Button:

Press and hold for 2 seconds, the Device is trying to connect to your PC or Phone .
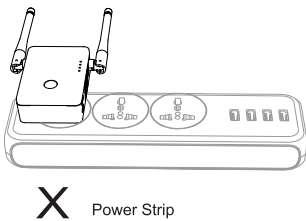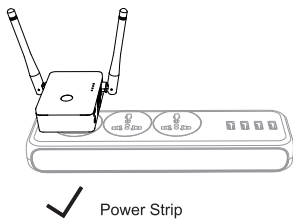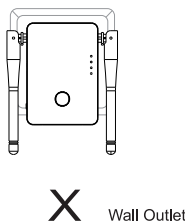Press and hold for 6 seconds to connect to your Wi-Fi Repeater Mode.
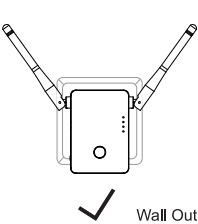**Reset Button**: Press and hold for 3 seconds to Reset the Device.

Getting Started

※Please do not install the Device in where it is heavily surrounded by things.
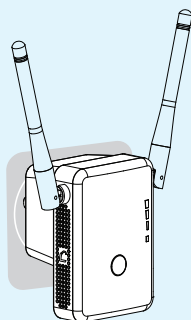Please install the device as followings:
- Pictures with "✓" : Recommended
- Pictures with " X " : Not Recommended

✓ Wall Outlet   X Wall Outlet

✓ Power Strip   X Power Strip

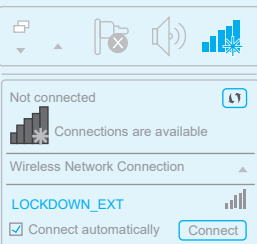**OPTION ONE**   **Wi-Fi Repeater Mode** Using a Web Browser

1 Power ON

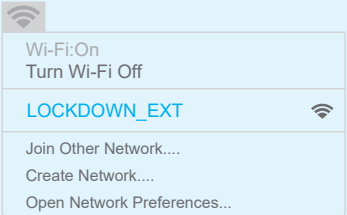Plug the Device into an electrical outlet near your Wi-Fi router.

2 Connect to the Device

For Windows User

1. Disconnect the Ethernet (Wired) connection from your laptop (if any).
2. Turn your laptop's Wi-Fi ON if it is OFF.
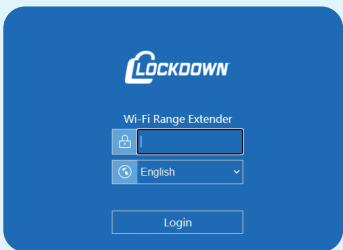3. Click the Wi-Fi icon on the taskbar and connect to the Device's network: **LOCKDOWN_EXT**

For Mac OS X User

Wi-Fi:On
Turn Wi-Fi Off
LOCKDOWN_EXT
Join Other Network....
Create Network....
Open Network Preferences...

1. Disconnect the Ethernet (Wired) connection from your laptop (if any).
2. Turn your laptop's Wi-Fi ON if it is OFF.
3. Click the Wi-Fi icon on the top right corner of the screen, and connect to the Device's network: **LOCKDOWN_EXT**

3 Configure

1. Launch a web browser and type http://ap.setup in the address field. Enter admin (all lowercase) to login.

LOCKDOWN
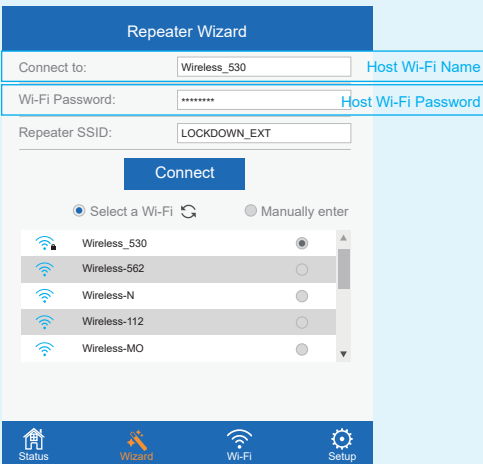Wi-Fi Range Extender
English
Login

If the login window does not pop up, please refer to the FAQ > Q1.
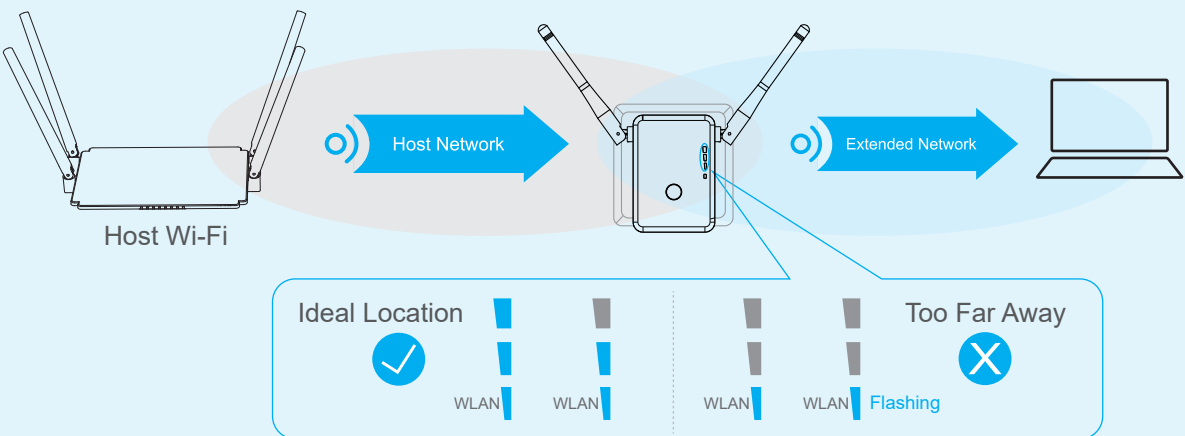
2. Click **"Wizard"**.

3. Select a Wi-Fi SSID of your router (Host Wi-Fi) and enter the password. Either keep the same SSID as your host Wi-Fi or create a new name for the extended network.

Repeater Wizard

Connect to:	Wireless_530	Host Wi-Fi Name
Wi-Fi Password:	•••••••••	Host Wi-Fi Password
Repeater SSID:	LOCKDOWN_EXT	

Connect

● Select a Wi-Fi   ○ Manually enter

Wireless_530
Wireless-562
Wireless-N
Wireless-112
Wireless-MO

Status   Wizard   Wi-Fi   Setup

4. Verify your wireless settings and click **"Connect"**. The Wi-Fi Signal LEDs should turn on and stay solid, indicating successful connections.
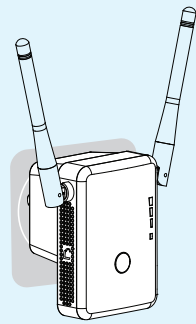
4 Relocate

1. Plug the Device into an electrical outlet about halfway between your router(Host Wi-Fi) and the Wi-Fi dead zone. The location you choose must be within the range of your existing host Wi-Fi.
2. Wait until the WLAN LEDs are ON. If the signal is weak, relocate it closer to the router to achieve a good (or better) signal quality.

Host Wi-Fi

Host Network → Extended Network →

Tips: Use your phone to find the ideal location for the Device.
If your phone's Wi-Fi signal(received from your router) is higher than 3 levels, it is the ideal spot to install the Device. If not, we suggest you to move closer to your router for better Wi-Fi signal.
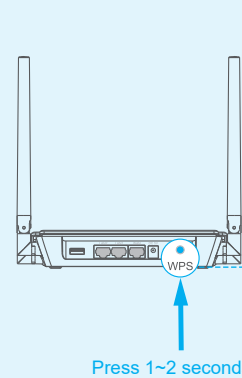
Ideal Location   Too Far Away
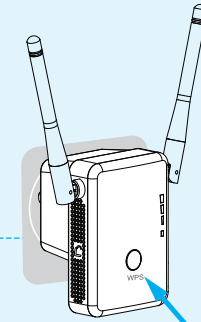
WLAN   WLAN   WLAN   WLAN Flashing

1 Power ON

Plug the Device into an electrical outlet near your Wi-Fi router.

2 Connect

1. Press the WPS button for 6 seconds on the Device.
2. Within two minutes, press the WPS button on your router.
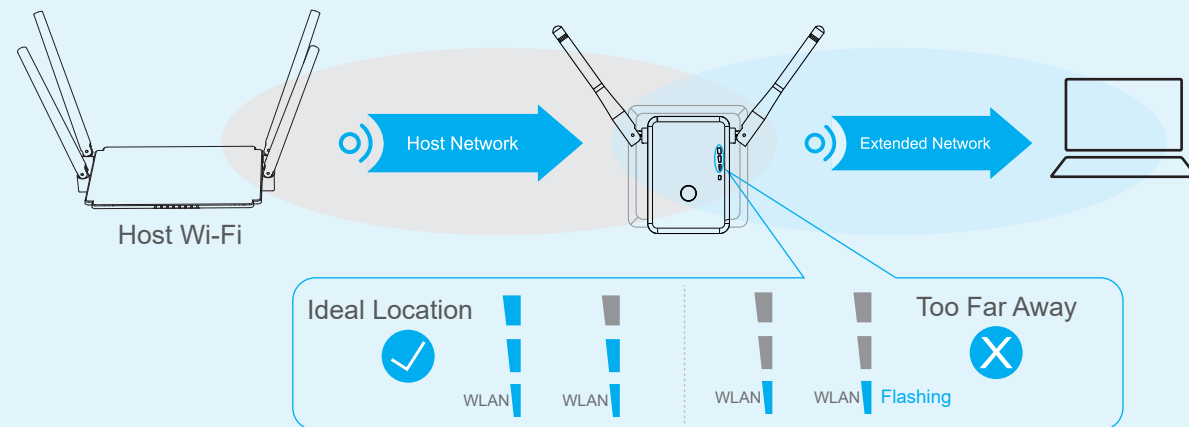3. The Device will reboot, please wait a few minutes.

Press 1~2 seconds

Press

Press 6 seconds

Tips: The corresponding WLAN LEDs should turn on and stay solid, indicating successful connections.

Note:

1). Some ISP gateways disable the WPS function by default. If the WPS connection fails, please use **OPTION ONE**.

2). For more information about using WPS on your router, please refer to the router manufacturer's user guide.

3 Relocate

Host Network

Extended Network

Host Wi-Fi

Ideal Location

WLAN WLAN

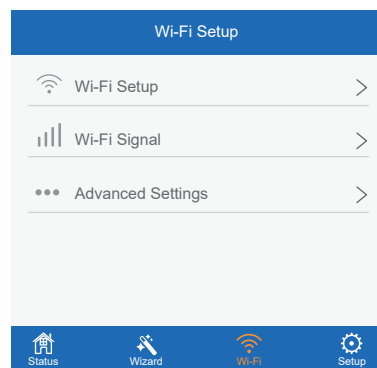WLAN WLAN Flashing

Too Far Away

Tips: Use your phone to find the ideal location for the Device. If your phone's Wi-Fi signal(received from your router) is higher than 3 levels, it is the ideal spot to install the Device. If not, we suggest you to move closer to your router for better Wi-Fi signal.

1. Plug the Device into an electrical outlet about halfway between your router(Host Wi-Fi) and the Wi-Fi dead zone. The location you choose must be within the range of your existing host Wi-Fi.

2. Wait until the WLAN LEDs are ON. If the signal is weak, relocate it closer to the router to achieve a good (or better) signal quality.

Management via Web Browser
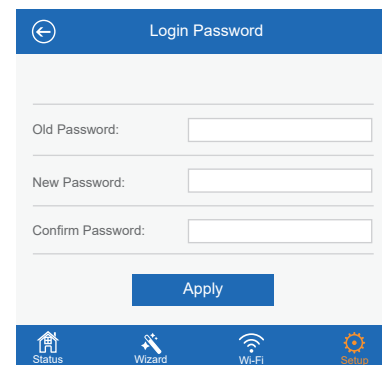
Wireless Basic Configuration

1. Click **"Wi-Fi"** .
2. You can customize wireless network for the Device.

Wi-Fi Setup

Wi-Fi Setup >
Wi-Fi Signal >
Advanced Settings >

Status Wizard Wi-Fi Setup

Change Login Password

The default password of the device is **"admin"**, we strongly recommend you change the default password of the device.

1. Visit http://ap.setup, and log in with the default password **"admin"**.
2. Click **"Setup"->"Login Password"**.
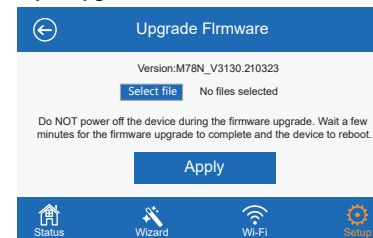3. Enter the old password.Then enter the new password and click **"Apply"**.

Login Password

Old Password:
New Password:
Confirm Password:

Apply

Status Wizard Wi-Fi Setup

4. Use the new password for future login attempts.

Firmware Upgrade

Firmware upgrade can fix bugs of the Device. However, We **DO NOT** recommend you upgrade the firmware of the Device if it works normally.

1. Click **"Setup-> Upgrade Firmware"**.

Upgrade FIrmware

Version:M78N_V3130.210323
Select file   No files selected

Do NOT power off the device during the firmware upgrade. Wait a few minutes for the firmware upgrade to complete and the device to reboot.

Apply

Status Wizard Wi-Fi Setup

2. Click **"Browse"** to locate the downloaded new firmware file.
3. Click **"Apply"** button, and wait a few minutes for the firmware upgrade to complete.

Warranty voids if you interrupted the upgrade procedure.

NOTE: Never interrupt the upgrade procedure by closing the web browser or physically disconnect your computer from the device. If the procedure is interrupt, the firmware upgrade will fail, and you may have to return the device to the dealer to ask for help.

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FAQ (Frequently Asked Questions)

Q1. Why doesn't the login page appear after entering http://ap.setup?

• Make sure your computer is connected to the Extended network SSID or connect your computer to the Device using an Ethernet cable.

• Make sure your computer is set to obtain an IP address automatically.

• Verify that http://ap.setup is correctly entered in the web browser and press **Enter**.

Q2. What should I do if the LED does not change to solid after completing OPTION ONE?

• You may have entered the incorrect Wi-Fi password of your host Wi-Fi during the configuration. Please log into the Device's web-based interface to check the password and try again.

• Please reset the Device and go through the configuration again.

Q3. How do I restore the Device to its factory default settings?

• While the Device is powered on, press and hold the Reset button until all the LEDs turn on momentarily.

WEEE Directive & Product Disposal

At the end of its serviceable life, this product should not be treated as household or general waste. It should be handed over to the applicable collection point for the recycling of electrical and electronic equipment, or returned to the supplier for disposal.