

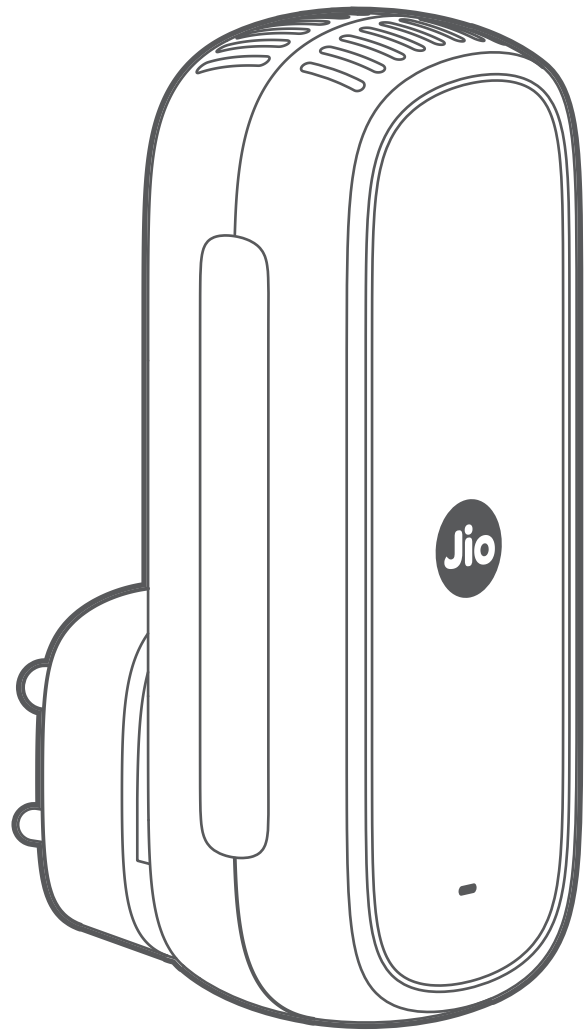
JioExtender



Quick Start Guide

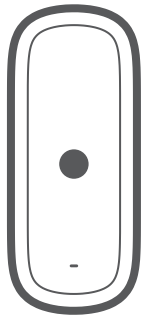
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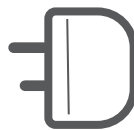


1 Accessories

In-box



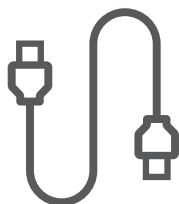
Device



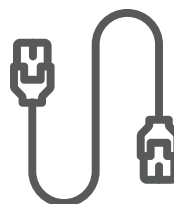
Power Adapter



Bracket



Usb-C Cable



LAN Cable

2 Introduction

JioExtender AX3000 delivers best-in-class Wi-Fi 6 networking with an extended-range design to eliminate Wi-Fi weak spots across your home. It seamlessly forms Jio True AI Mesh with your existing JioAirFiber network or JioRouter, creating a unified and intelligent Wi-Fi environment.

It also works with JioFiber routers and other home routers in Range Extender mode.

Enjoy enhanced coverage, reduced latency, and faster throughput for a superior in-home Wi-Fi experience powered by the latest Wi-Fi 6 technology.

3 Product Specification

Item	Specifications
Product Name	JioExtender JE6000
Wi-Fi Standard	IEEE 802.11b/g/n/ax and 802.11a/ac/ax
Wi-Fi Frequency	2.4GHz and 5GHz dual band concurrent
Wi-Fi Data Rate (max.)	2.4GHz: 574 Mbps, 2T2R 5GHz: 2402 Mbps, 2T2R
WAN Interface	1 X RJ45 Gigabit Ethernet Port
Mesh Backhaul Type	Wired and Wireless
Rated Power Input	PD Type C 12V 1.5A

4 Installation

STEP 1.1 | Setup JioExtender in Mesh mode (AirFiber / JioRouter users)

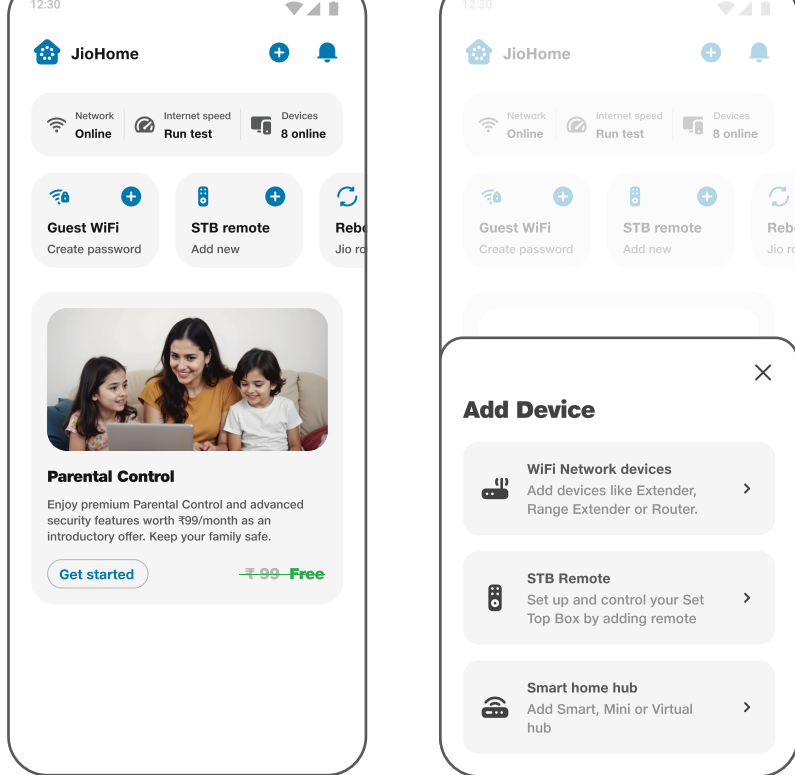
Applies if you have an AirFiber Home Router or JioRouter. Setup uses the JioHome mobile app. Before starting, ensure your AirFiber Home Router or JioRouter has internet connectivity and its LED is Green Stable.

Required Accessories: JioExtender unit, Power Adapter and LAN cable

- 1 Connect the mobile phone to the WiFi network of the main router before proceeding.
- 2 Log in to the JioHome app with the registered mobile number used during registration of the AirFiber Router connection or market-purchased JioRouter installation.



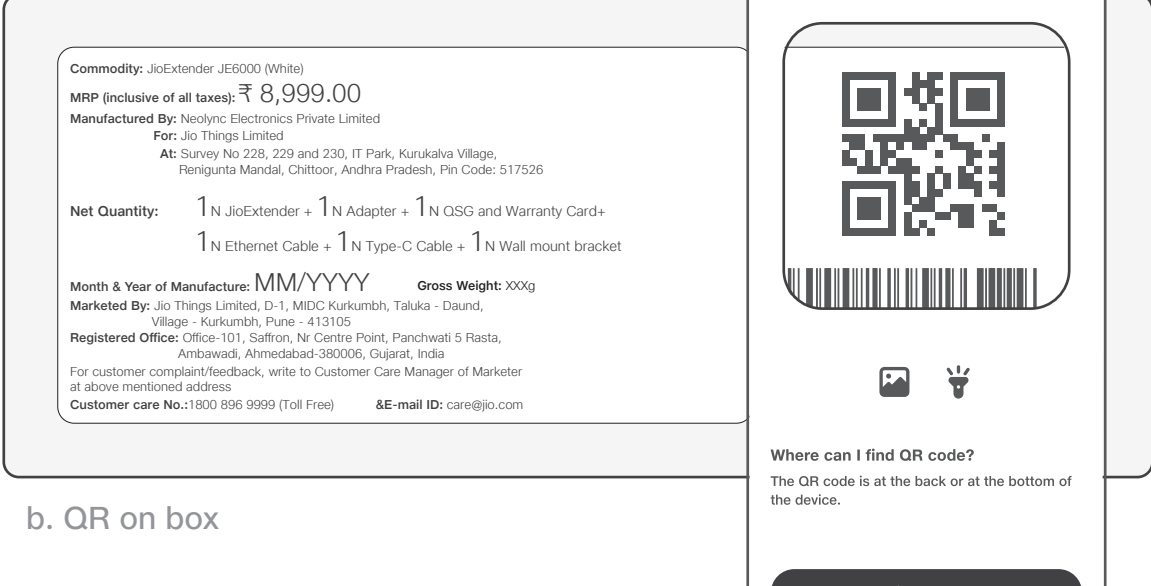
- 3 On the JioHome app homepage, tap the + icon at the top of the screen.
- 4 In the "Add Device" screen, select WiFi Network devices.



- 5 Scan the QR code of the JioExtender
 - a. On the back of the unit.
 - b. Or on the label printed on the product box



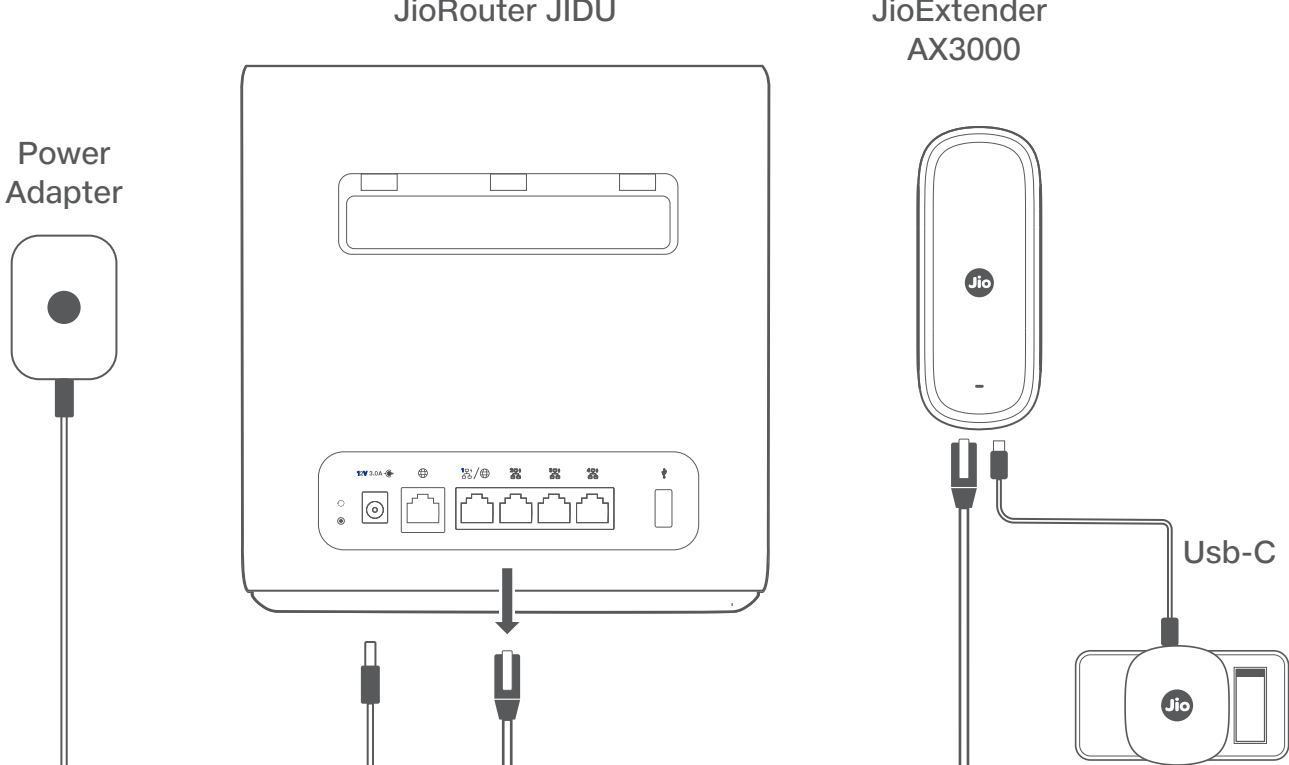
a. QR on back of the unit



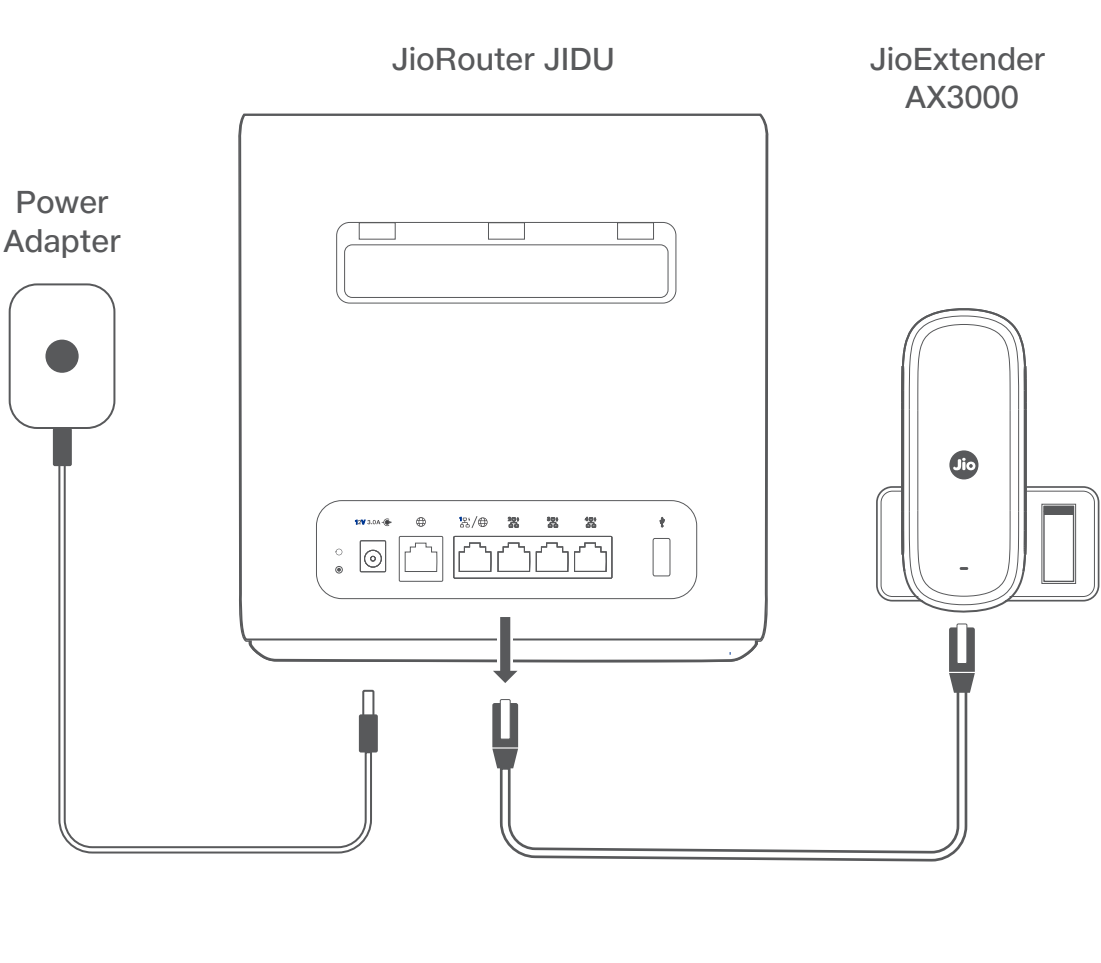
b. QR on box

- 6 Connect the LAN cable from the LAN port of the home router to the WAN port of the JioExtender unit. Then, connect the JioExtender to the power adapter and plug the adapter into a wall power outlet. The JioExtender will power on automatically. Follow the instructions displayed on the JioHome app screen

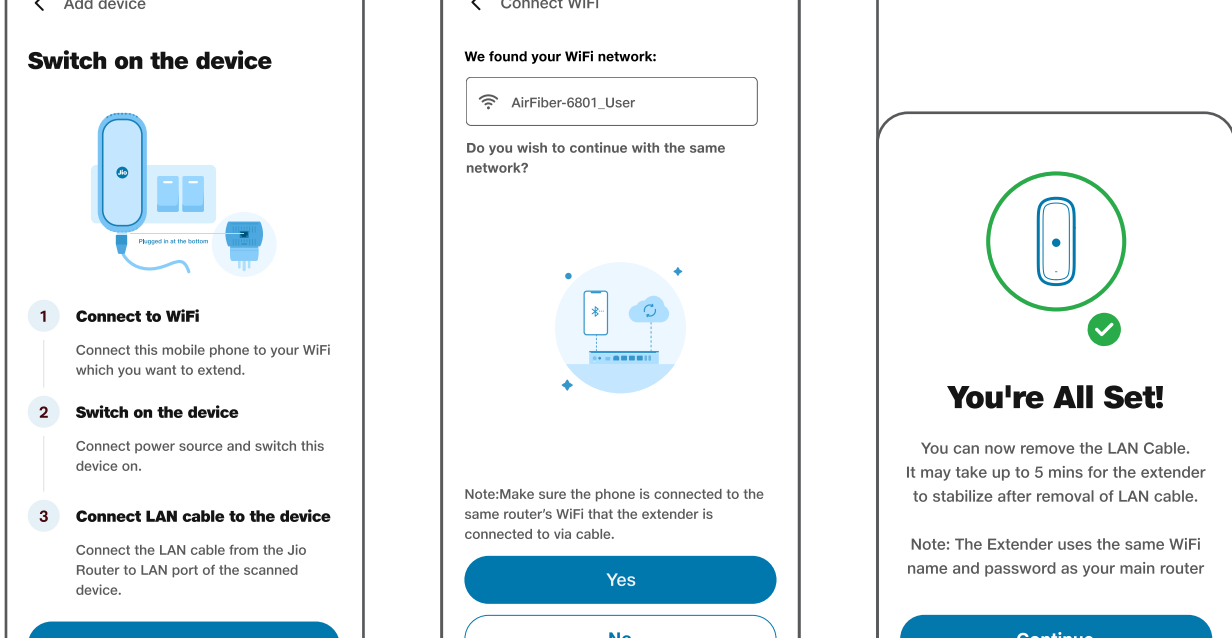
- Extended mode connection with the help of Usb-C cable.



- Standard mode directly plugged on the switchboard.



- 7 Check that your phone is connected to your home WiFi network, then tap “YES” to start pairing. While the JioExtender pairs with your home router, the Status LED blinks blue. When the LED turns solid green, pairing is complete and the JioExtender is connected to your home router.
- 8 To confirm the connection, open the JioHome app, go to the Home Router Status screen and check that the JioExtender is shown as “Online”.
- 9 After pairing is successful, remove the LAN cable and place the JioExtender where you need extra WiFi coverage. When you power it on in the new location, the Status LED can take up to 5 minutes to turn solid green. If it does not turn solid green, move the JioExtender closer to the main router and check again.



STEP 1.2 | Set up the JioExtender in Range Extender Mode for JioFiber / Non-Jio WiFi Users

Applies if you have a JioFiber Router or other home router. Setup uses the JioHome mobile app. Ensure your Home Router has internet connectivity and its LED is Green Stable before starting.

Required Accessories: JioExtender unit, Power Adapter and LAN cable

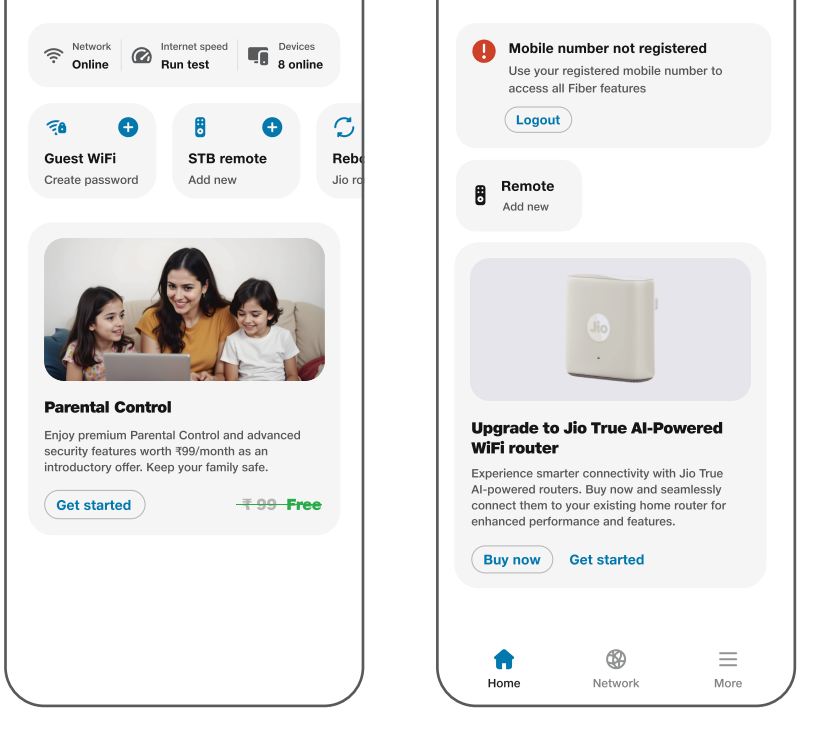
- 1
- Connect the mobile phone to the WiFi network of the main router before proceeding.
- 2
- Log in to the JioHome app:

a

If you are an existing JioFiber customer, log in with the mobile number registered to your JioFiber account

b

If you are a non-Jio user, use any mobile number you wish to link to your JioExtender.



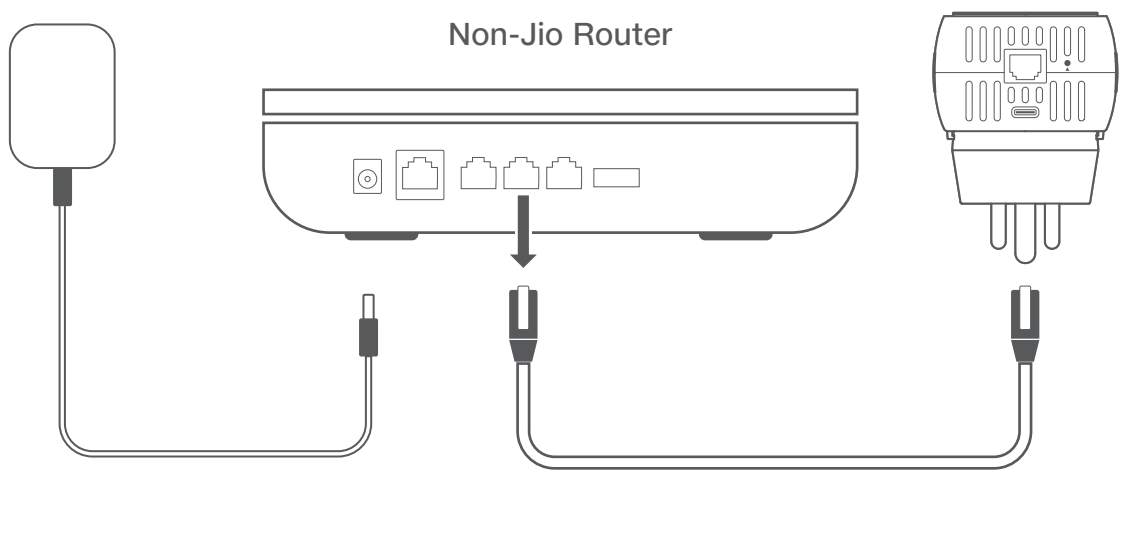
- 3
- In the JioHome app Homepage, tap the + icon at the top of the screen
- 4
- In the “Add Device” Screen, Select WiFi Network devices.
- 5
- Scan the QR code of the JioExtender unit

a.

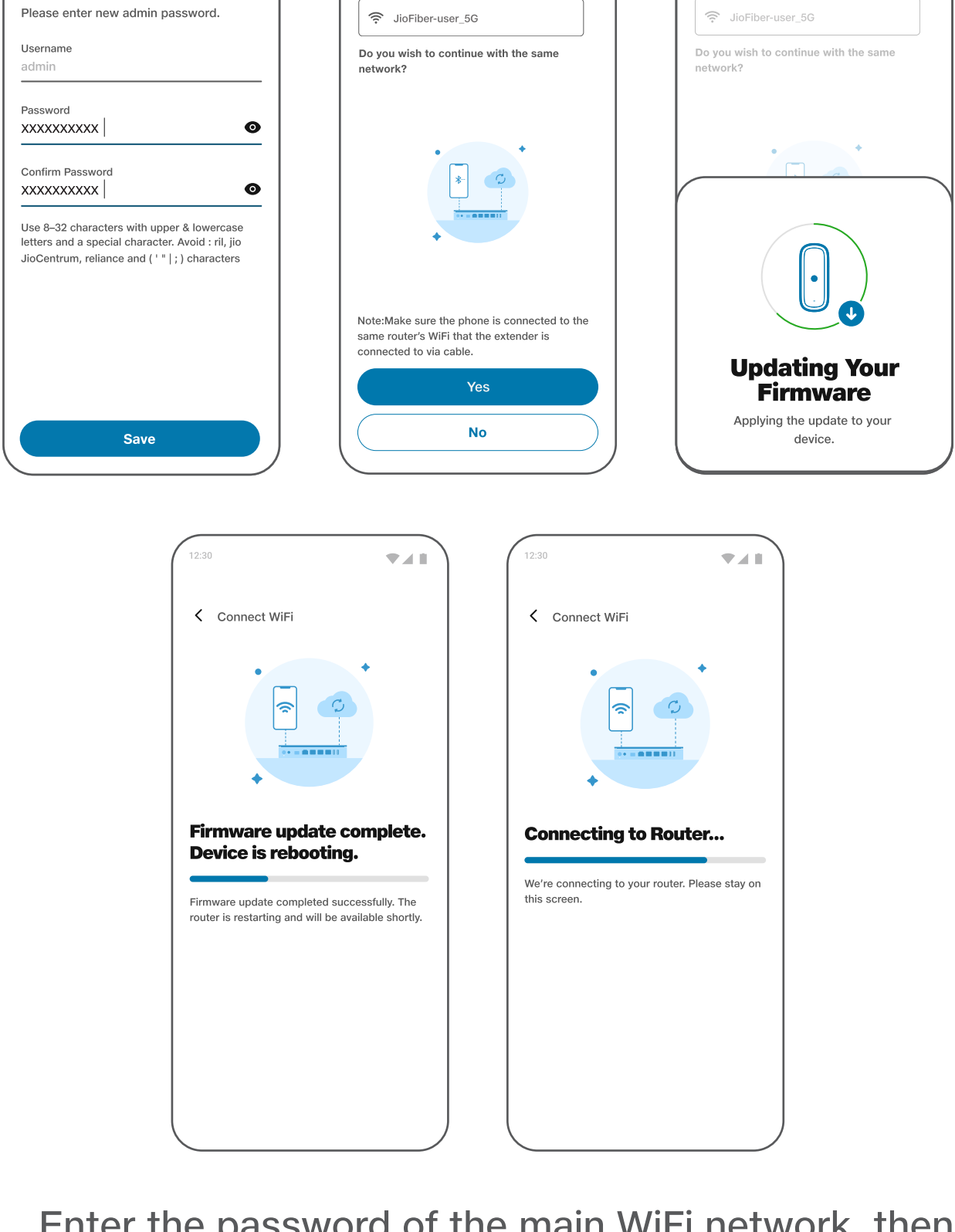
On the back of the unit.

b.

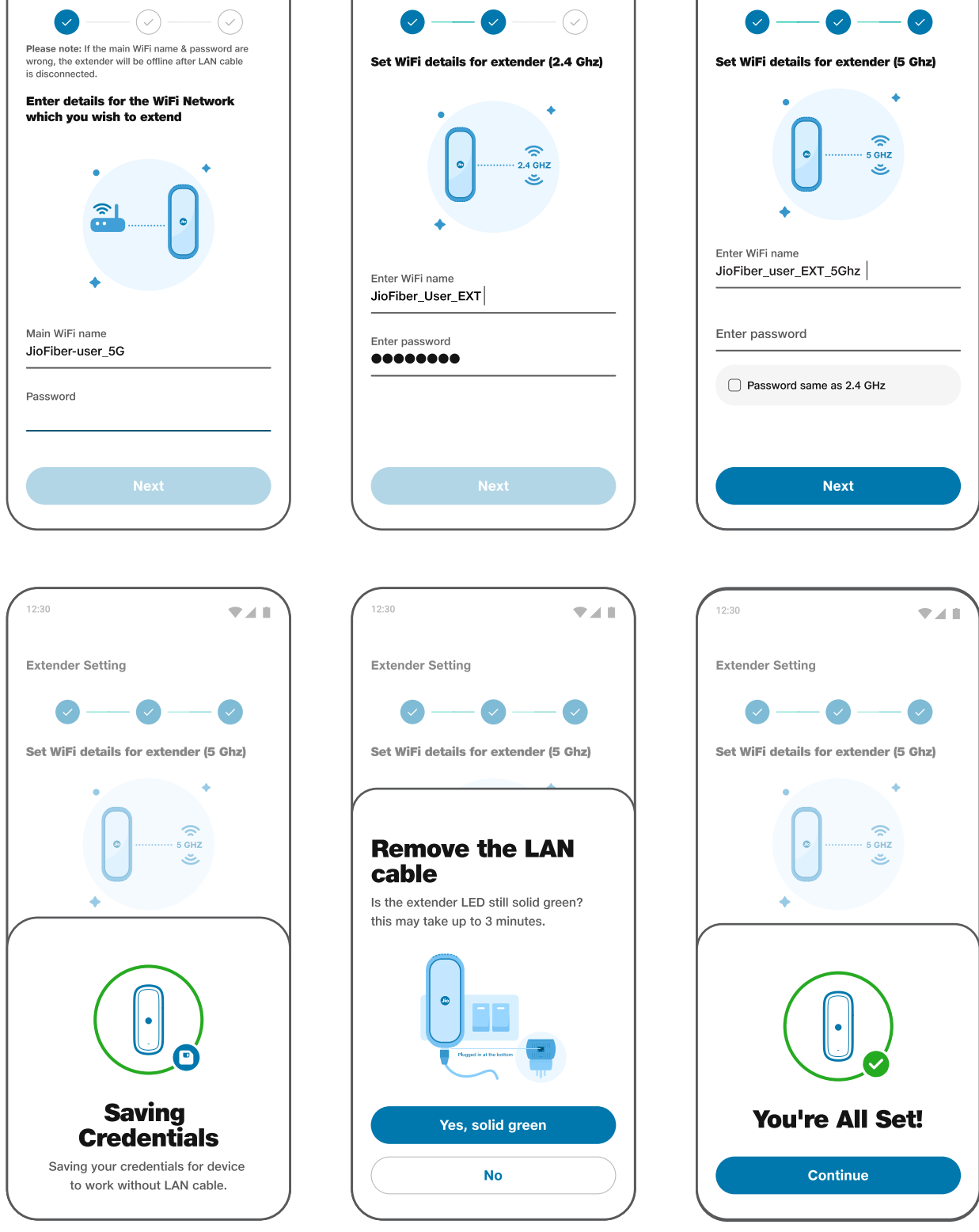
Or on the label printed on the product box



- 6
- Connect the LAN cable from the LAN port of the main router to the WAN port of the JioExtender unit. Then, connect the JioExtender to the power adapter and plug the adapter into a wall power outlet. The JioExtender will power on automatically in 10–20 seconds. Follow the instructions displayed on the JioHome app screen
- 7
- You will be asked to set a password for the JioExtender. This password is used only to manage the device from the JioHome app.
- 8
- The app displays the WiFi network /Router your phone is connected to. Check that the JioExtender is connected to the same router and tap “Yes”. If it is not, tap “No” and select the correct WiFi network.
- 9
- The app then downloads and installs the latest firmware. Do not switch off the JioExtender during the upgrade. The device reboots automatically, and the admin password screen appears pre-filled — tap “SAVE”.

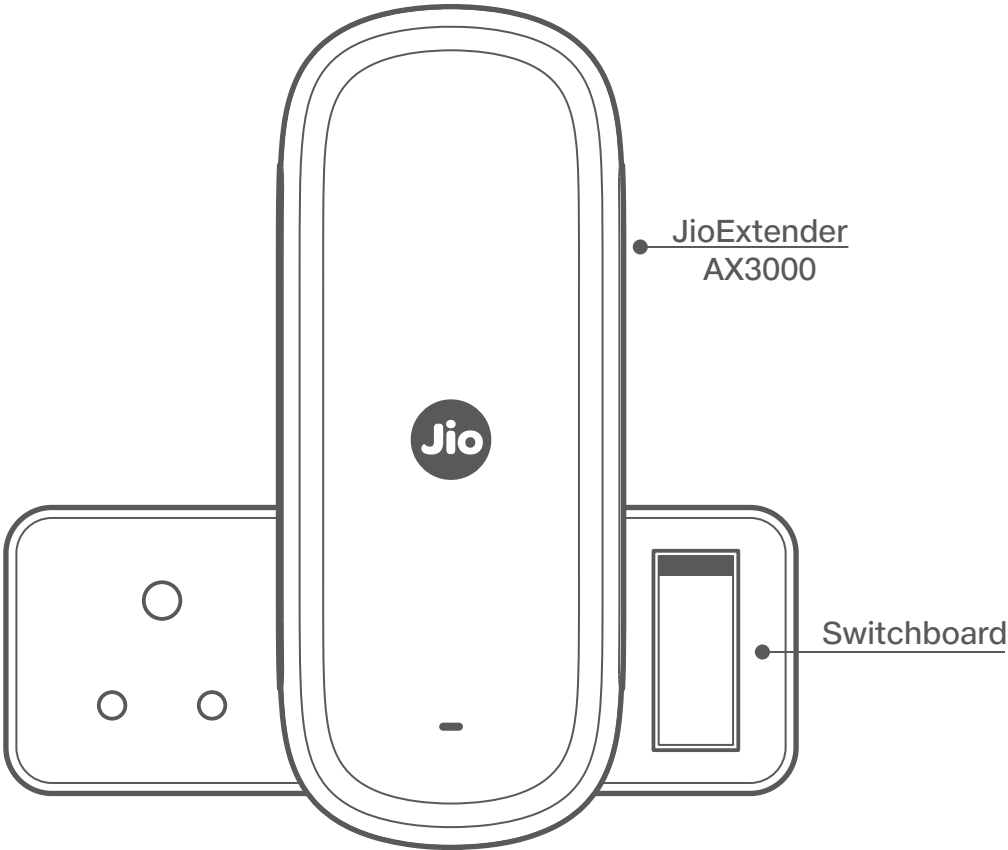


- 10
- Enter the password of the main WiFi network, then tap “Next”.
- 11
- Next, set the passwords for the JioExtender’s 2.4 GHz and 5 GHz networks. Each network name is pre-filled with your main WiFi name plus the suffix “EXT” or “EXT_5”. You can change the names or keep them and enter a password for each.
- 12
- Once the passwords are saved, a “Remove the LAN cable” screen appears. After you remove the LAN cable, the LED status light on the JioExtender may take up to 3 minutes to turn green. When it is solid green, tap “YES, solid green”.
- 13
- If the LED is not solid green, tap “NO”. The app guides you through the troubleshooting steps and returns you to this screen. If the problem persists, contact customer care.
- 14
- When pairing is complete, the "You're All Set!" prompt appears. Your JioExtender is now paired to the main router and can be placed where you need extra WiFi coverage. Place it roughly midway between the main router and the area with weak coverage, and make sure the chosen spot still receives a strong signal from the main router — the JioExtender can only extend the coverage it receives. After moving the unit, check that the LED stays solid green; if it does not, move it closer to the main router.

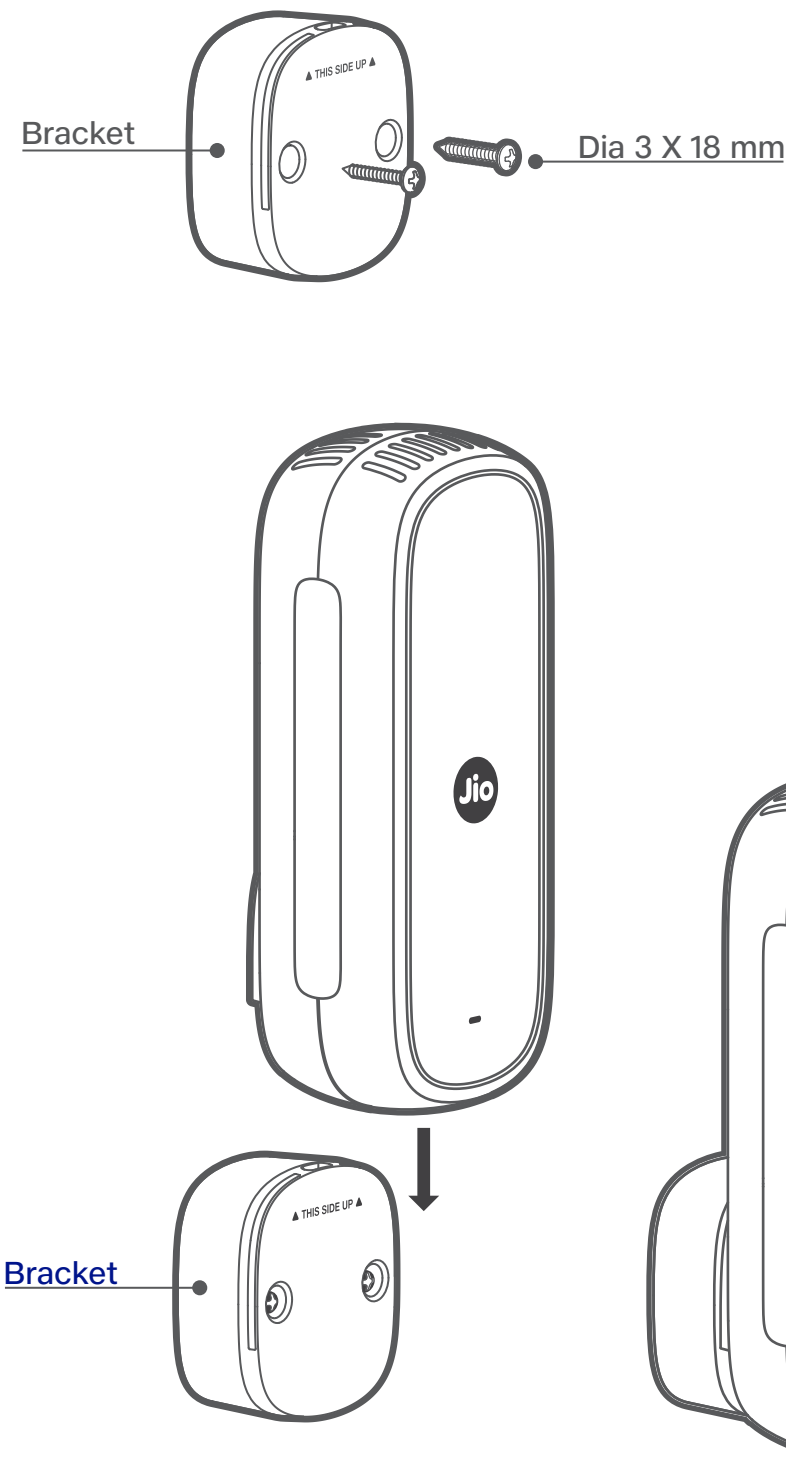


STEP 2 | Guidelines for placement

- 1 Plug the JioExtender directly into wall power socket in a vertical position. Do not use power extension boards.

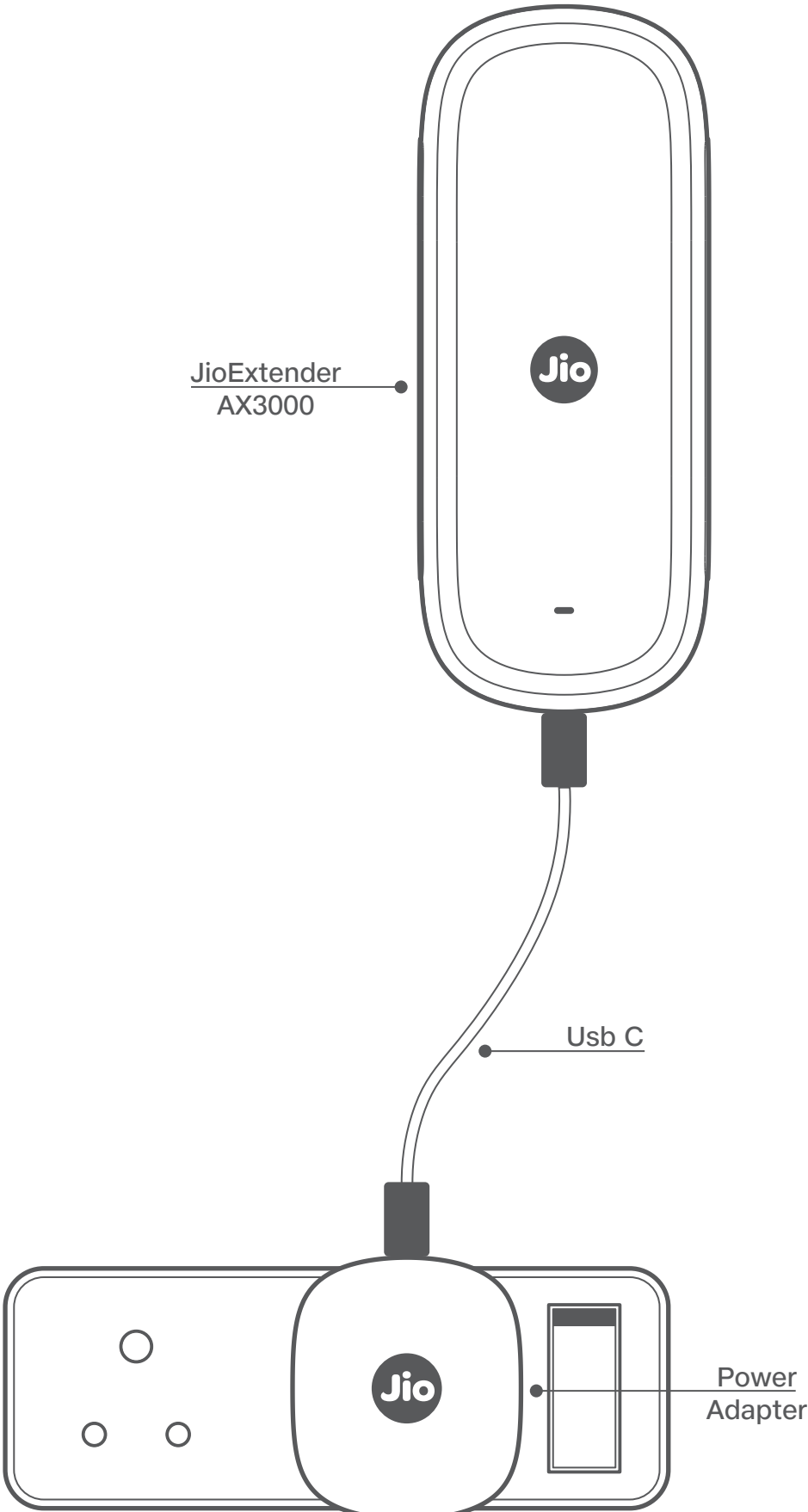


- 2 If the switch is blocked, use the wall mount bracket to place the extender vertically near the switchboard.

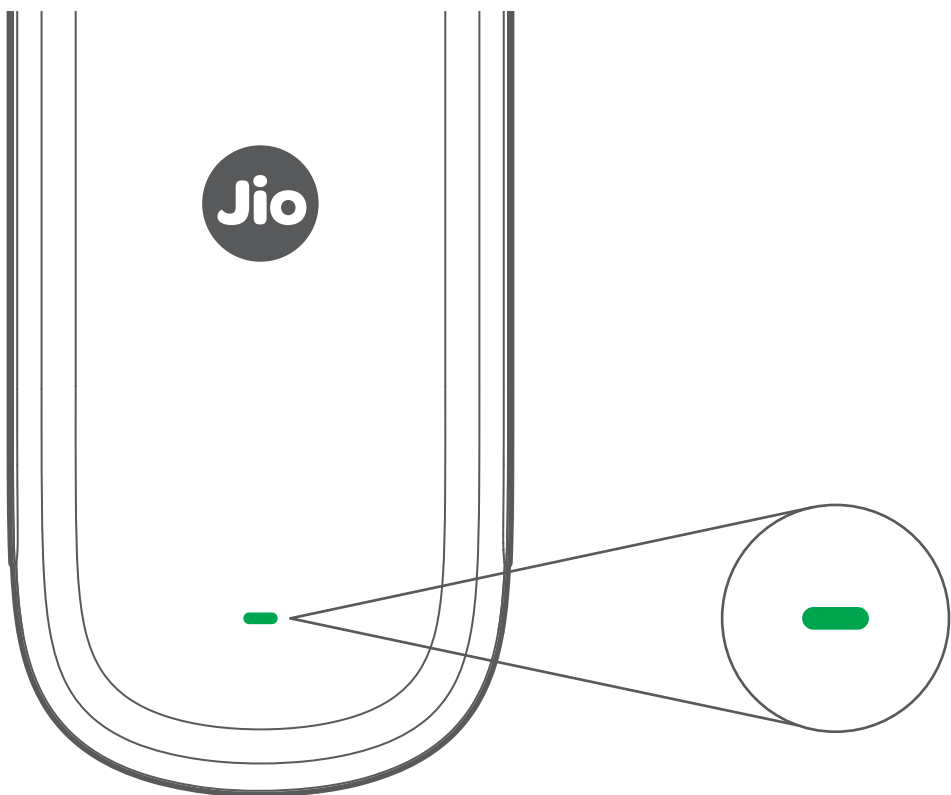


- 3 After mounting the bracket on surface with the help of screws slide down the device on the bracket. Then power it on using the power adapter and the Type-C cable provided with the extender.
- 4 Avoid placing JioExtender in between corridors connecting living rooms and bedrooms.
- 5 Try to maintain line of sight between the Home Router and the JioExtender or minimize obstacles between them.
- 6 Don't put JioExtender beside any metal objects, such as home appliances, metal doors, etc.
- 7 JioExtender has LED indicators to assist your placement decision. Please ensure the LED indicator is always Green.

Wall/Hard Surface



5 LED Indicator



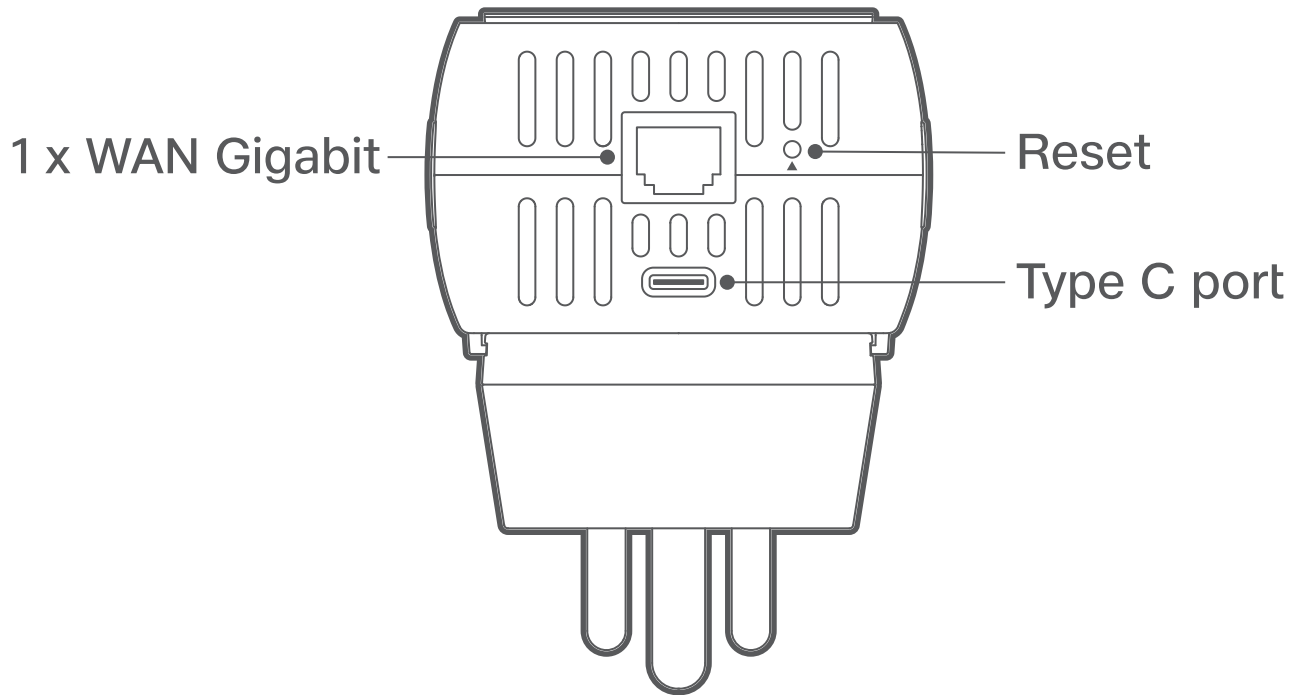
Mesh mode

Colour	Indicator	Status	Description
Red		On	Device booting
Red		Slow Blink	Backhaul (Uplink) Disconnected.
Red		Fast Blink	Resetting to factory default
Blue		Slow Blink	Device is in unpaired state
Blue		Fast Blink	Device is pairing with Home Router
Green		On	Device Backhaul (Uplink) connected

Range Extender mode

Colour	Indicator	Status	Description
Red		On	Device booting
Red		Slow Blink	Backhaul (Uplink) Disconnected.
Red		Fast Blink	Resetting to factory default
Blue		Slow Blink	Device is in unpaired state
Green		On	Device Backhaul (Uplink) connected
Green		Slow Blink	Device Firmware upgrade in progress

6 Bottom Panel Interface



Reset Button
WAN
Type C

Factory default reset
10/100/1000Mbps WAN Port
Power on the device using
Type C Cable.

7 Device Management

You can setup and manage your home Wi-Fi by using the JioHome App. JioHome App helps in setting up your JioExtender device.

Scan QR code or search on Google Play or iOS App Store to download the JioHome app.



JioHome

8 Connecting your Devices

Wi-Fi Device:

Mesh Mode:

JioExtender unit 's Wi-Fi settings will be synchronized with the AirFiber Home Router or JioRouter. To connect your device to Wi-Fi of the JioExtender, configure it with the Wi-Fi network name (SSID) and wireless key of your AirFiber or JioRouter Wi-Fi network

Range Extender mode:

The JioExtender unit will have its SSID and password set during the Wi-Fi configuration process. To connect your device to the JioExtender's Wi-Fi network, select the configured network name (SSID) and enter the wireless key that was set up during installation.

Ethernet Device

The JioExtender has only one WAN port and does not include a LAN port. Therefore, Ethernet client devices cannot be connected to the JioExtender via a LAN cable.

9 Connecting to a New Router

To connect your JioExtender to a new router, you need to first unpair it from the current router

For Extenders setup in Mesh Mode (for AirFiber/JioRouter users)

- 1 Open the JioHome app and go to Router Status page.
- 2 Swipe JioRouter card to left and select the JioExtender to be unpaired.
- 3 Tap “Delete Extender” button at the bottom of the screen.
- 4 Once confirmed, the JioExtender will be unpaired from the router.
- 5 Reset the Extender using a pin to press the reset button on the device.
- 6 You can now connect the JioExtender to any other Router by following the onboarding steps (Refer Section 4, Step 1.1).

For Extenders setup in Range Extender Mode (for JioFiber/Non-Jio WiFi users)

- 1 Open the JioHome app and go to Router Status page
- 2 Swipe JioRouter card to left and select the JioExtender to be unpaired (No swipe needed in the case it was paired to a non-Jio router).
- 3 Tap “Transfer Extender” button at the bottom of the screen.
- 4 Once confirmed, reset the Extender using a pin to press the reset button on the device.
- 5 You can now connect the JioExtender to any other Router by following the onboarding steps (Refer Section 4, Step 1.2).

10 Troubleshooting Tips

Q1 Why is my Extender still blinking RED when placed in the desired position?

Ans: A RED LED means one of the following:

- a. The JioExtender is not placed within the WiFi range of the Home Router. Move it closer to the Home Router.
- b. The Extender is not linked properly to the main WiFi router.
- c. LAN client is connected to the WAN port of the Extender.

Q2 Can I connect with the extender if I don't own a Jio connection at home?

Ans: Yes. Please note that the extender will work only in Range Extender mode, not in Mesh mode, for non-Jio network users.

Q3 Why is the Extender status page not displayed when I log in to the JioHome app?

Ans: Verify the following:

- a. Check that you are logged in with your registered mobile number. If not, log out of the app and log in again using the number used during registration.
- b. Check that the extender is onboarded properly in the app and that its LED has turned green.

Q4 Can I onboard the JioExtender using a phone number different from my JioRouter registered number?

Ans: No. You must log in with the same account as your registered Jio connection phone number.

Q5 Can I do the extender setup through web instead of Mobile?

Ans: Yes. If setup through the JioHome app doesn't complete — the app can't find the Extender, or it stops before the Wi-Fi step — you can set the Extender up from its web GUI instead after connecting the extender with Router through LAN. Follow the steps below:

a. Open the GUI: In a browser, go to **https://<15 digit RSN>.local** — or use the IP address the main router has assigned to the Extender. The RSN is printed on the gift box and on the device label at the back of the Extender.

b. Log in to the GUI: Enter the default username and password — admin / JioCentrum — then click LOGIN. If you already created your own credentials during app setup, use those instead of the defaults.



Range Extender

Welcome!

To login, please enter Username and Password

Username

admin

Password

JioCentrum

Login

c. Set up the Extender's Wi-Fi: Go to Network > Wireless. In the Wireless AP section, set the SSID and Password for both the 2.4 GHz and 5 GHz networks, then click SAVE. To change a password, switch on the Change Password toggle first as the password fields stay locked while it is switched off.

Wireless AP (5 GHz)

SSID

JioExtender-FE6F4A-5G

Security

WPA2-PSK

Encryption

CCMP

Password

Change Password

Confirm Password

Save

Wireless AP (2.4 GHz)

SSID

JioExtender-FE6F4A

Security

WPA2-PSK

Encryption

CCMP

Password

Change Password

Confirm Password

Save

d. Connect the Extender to your main router: In the Wireless Stations section, enable the 5 GHz entry, then click the pencil (edit) icon, enter your main router's 5 GHz SSID and Password, and click SAVE.

Wireless Station			
Status	Band	SSID	Action
×	2.4 GHz	---	⋮ ✓ ✎
×	5 GHz	---	⋮ ✓ ✎

Edit Wireless Station

Band

5 GHz

SSID

Main Router- Credentials

Security

WPA2-PSK

Encryption

CCMP

Save

d. 5 GHz is recommended. 2.4 GHz can also be enabled the same way, using the main router's 2.4 GHz credentials

e. Post completing the setup please verify if the Extender light is solid green

11 Safety Instruction

- 1 This equipment is a Class III electrical appliance which is designed to be supplied from a separated/safety extra-low voltage (SELV) power adapter.
- 2 **WARNING:** To reduce the risk of fire or electric shock, do not expose this device to rain or moisture. The device shall not be exposed to dripping or splashing and that objects filled with liquids, such as vases, shall not be placed on apparatus.
- 3  **Correct Disposal** of this product. This marking indicates that this product should not be disposed with other household wastes. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources.
- 4 Use the power supply adapter provided in the JioExtender package only. Using other adapter may cause damage to the equipment or result in operational failures.
- 5 The electrical load capacity of the socket and cables should meet the device's requirement. Power socket overload, broken cables or broken plugs may cause electric shock or fire. Check the power supply wires and cables regularly. If any of these appear damaged, replace it immediately by calling Jio Care.
- 6 Install JioExtender in a well-ventilated environment. Avoid areas with high temperature or direct sunlight to protect the device and its components from overheating.

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With love, from Jio.

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