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QUICK INSTALL GUIDE



AC1200 WiFi Bridge + Range Extender

P40

Includes:

- P40 Wireless Range Extender

LUXUL

INSTALLATION AND SETUP

1 Introduction and Safety Information

The compact design, allows you to install the P40 everywhere and still provide excellent network performance to extend the Wi-Fi signal and wireless coverage. This P40 is designed for indoor use only. DO NOT expose this device to direct sunlight, rain, or snow.

> ⚠ **Caution:** DO NOT put the P40 in or near hot or humid places, like the kitchen or bathroom. Also, do not leave the P40 in the car during the summer.

The P40 will become hot when being used for a long time (this is normal and is not a malfunction). DO NOT put the P40 on paper, cloth, or other flammable objects.

Difference between client/repeater mode:

In **Client Mode**, your P40 will act as a client, connecting wirelessly to your existing wireless network. You can then connect physically through the Ethernet port on the bottom of the P40 to whatever device you want to provide internet connectivity to.

In **Repeater Mode**, your P40 will act as an access point, rebroadcasting your wireless signal from the next closest AP.

2 Access and Setup for Repeater Mode

The switch on the bottom of the P40 should be on "Repeater."

The P40 setup can be initiated two ways; choose the one below that works best for you:

Option 1. Open an Internet Browser. Using your OS settings, connect to a wireless network called "repeater.setup" (no password required).

Option 2. Open an Internet Browser. Connect an Ethernet cable from your device to the Ethernet port on the P40.

After performing either Option 1 or 2, a login window will open in your Internet Browser to start the setup of the P40. The default username and password are both "admin."

Default IP: 192.168.1.1
Username: admin

Password: admin

After logging in, click "Continue" to start the setup wizard or you can click "Skip Wizard" to see the main menu.

After clicking "Continue," the P40 will scan for and display a list of the wireless networks (SSIDs) it can see. Select yours, then click "Continue." If you don't see your network, you can click "Refresh" to refresh the list.

You will be prompted to enter a password for that wireless network (SSID). Enter the exact same password you use for that existing wireless network (SSID). It is case sensitive. Click "Continue."

When setting the P40 up in Repeater Mode, you will be asked if you would like to extend a second network on another frequency. This is so you can extend both 2.4GHz and 5GHz networks for better coverage. This page will not show up if you are using the P40 as a bridge client. Select "Yes" or "No" and follow the steps past the password again.

You will be asked if you want to use the same wireless name (SSID) as the one you're extending or if you want to customize the wireless name (SSID) you want the P40 to broadcast. Make your selection and then click "Continue."

Note: Changing the network name (SSID) does not affect how the P40 connects to your current wireless network, and you will not see this page when setting up the P40 in Client Mode.

You will be asked to change the admin password for accessing the user interface of the P40. Change that, and click "Continue."

You will then be asked if you want the LEDs on or off. Make your choice, and click "Continue."

After 60 seconds, you will lose access to that page, and your P40 should be ready. You can then move it to where you would like it to be.

3 Access and Setup for Client Mode

Flip the switch on the bottom of the P40 to "Client."

> ⚠ **Caution:** *Moving this switch will set the P40 back to factory default.*

The P40 setup can be initiated two ways; choose the one below that works best for you:

Option 1. Open an Internet Browser. Using your OS settings, connect to a wireless network called "repeater.setup" (no password required).

Option 2. Open an Internet Browser. Connect an Ethernet cable from your device to the Ethernet port on the P40.

After performing either Option 1 or 2, a login window will open in your Internet Browser to start the setup of the P40. The default username and password are both "admin."

Default IP: 192.168.1.1
Username: admin
Password: admin

After logging in, click "Continue" to start the setup wizard or you can click "Skip Wizard" to see the main menu.

After clicking "Continue," the P40 will scan for and display a list of the wireless networks (SSIDs) it can see. Select yours, then click "Continue." If you don't see your network, you can click "Refresh" to refresh the list.

You will be prompted to enter a password for that wireless network (SSID). Enter the exact same password you use for that existing wireless network (SSID). It is case sensitive. Click "Continue."

Next, you will be asked to change the admin password for accessing the P40 user interface. Change that, and click "Continue."

You will then be asked if you want the LEDs on or off. Make your choice, and click "Continue."

In Client Mode, the P40 will not broadcast any SSIDs; you will use the Ethernet port to connect a device.

☑ **Note:** *When done setting the P40 up in Client Mode, you should have internet access through the Ethernet port on the P40.*

4 Hardware Description

Front & Bottom Panels

The front of the P40 includes five link/activity LEDs, one power LED, and a LEDs/Reset button; the bottom has the mode slector and Ethernet port. For more information on these LEDs, refer to the table describing these indicators in the next section.



P40 front panel view



P40 bottom view

5 LEDs/Reset

LED Indicators

The front panel of the P40 includes five link/activity LEDs and one power LED. For more information on these LEDs, refer to the table describing these indicators below.

LED	Color	Status	Description
5G	Amber	Steady On	Good signal reception
		Blinking	**Normal signal reception:** slow blinking (RSSI <50%-25%) **Poor signal reception:** quick blinking (RSSI <25%)
		Off	No signal or LED off mode
2.4G	Green	Steady On	Good signal reception
		Blinking	**Normal signal reception:** slow blinking (RSSI <50%-25%) **Poor signal reception:** quick blinking (RSSI <25%)
		Off	No signal or LED off mode

LAN	Green	Steady On	LAN port is connected
		Blinking	LAN port is active (transferring or receiving data)
		Off	LAN port is not connected or LED off mode
Client	Green	Steady On	P40 is in Client Mode
Repeater	Green	Steady On	P40 is in Repeater Mode
PWR	Green	Steady On	Power is turned on. When device is in LED off mode, even when device is powered on, all LEDs will be off, including power LED
		Slow Blinking	Performing a "reset to factory default"
		Off	Power is turned off

LED/Reset Button

To turn the LEDs on or off, press and release the "LEDs/Reset" button once. To reset the Range Extender, press and hold the "LEDs/Reset" button for 5 seconds ("PWR" LED will blink after 5 seconds), then release.

6 P40 Placement

Placing the P40 is similar to placing any wireless access point. Please refer to this support page for details about wireless AP placement: *https://www.luxul.com/support/ap-placement.aspx*

Sales
P: 801-822-5450
E: sales@luxul.com

Technical Support
P: 801-822-5450
E: support@luxul.com

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