Start Here ▽ ▼

Requirements for your Home/Office
• Wired or Wireless Internet Connection
• A Wired or Wireless Network Device
  (Tablet, Smartphone, Mac or Windows Computer
• Power Outlet

Package Contents
• 1x Dual Band Wireless N Range Extender
• 1x 12V/1.25A Power Adapter
• 1x Ethernet Cable
• 3x 3dBi Dual Band Antenna

① A. Hardware Setup

A. Attach the Antennas to the Extender.
Locate the antennas provided with the HD45X and attach them to the antenna jacks on the HD45X.

B. Plug in the Power Adapter.
When you have completed the antenna setup, plug the included power adapter into the nearest power outlet.

C. (Optional): Only do this step if you are intending to configure the HD45X using a wired connection. Otherwise, proceed to step 2.)
Using an ethernet cable, connect your computer to any one of the 5 Wired LAN Ports located on the back of the router. Proceed to step 3.
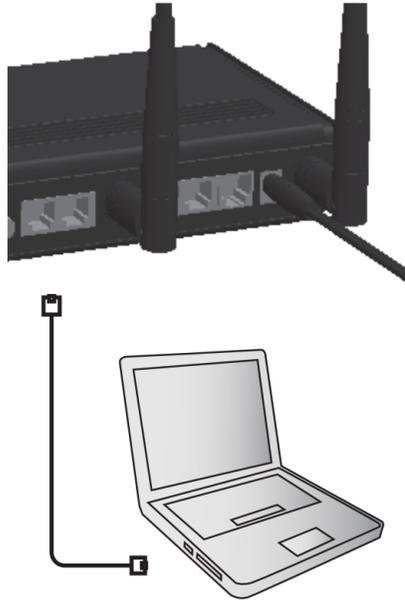
B. Find an Optimal Location

Your Hi-Gain™ Dual Band Wireless N Range Extender should be placed in optimal location within the range of your wireless network.

Internet   Wireless Signal

[HD45X] Hi-Gain™ Dual-Band Wireless-N Range Extender

Make sure the Extender is placed in a location where it can receive a strong signal from your desired wireless Internet connection. The Extender will not work without a signal it can repeat.

② Configuring your Extender using a WiFi enabled device.

(For a wired connection, do Step 1c, then proceed to Step 3.)

Using a Mac Computer

Click the wireless network icon in the upper right corner of the Finder tool bar.   Select the "Hawking_HD45X_Extender" network from the drop-down menu. Then Continue to Step 3A.

AirPort: On
Turn AirPort Off

Hawking_HD45X_Extender

Join Other Network...
Create Network...
Open Network Preferences...
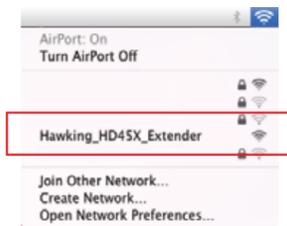
Using a Windows Computer

Look for the "Wireless Network" Icon on the lower right of the Windows taskbar, Click on the Icon and Select "Hawking_HD45X_Extender" Network. Then Continue on to Step 3A.

Not connected
Connections are available
Wireless Network Connection
Hawking_HD45X_Extender
Open Network and Sharing Center

Using an iPad® or an iPhone®

Make sure JavaScript is On: Go to Settings > Select Safari (a) > make sure JavaScript is ON (b) .

(a) Safari
(b) JavaScript ON

Go back to Home Screen > Select Settings > In Wi-Fi Networks, Select "Hawking_HD45X_Extender" (c). Make sure your Wi-Fi is connected to the range extender (d).

(c) Hawking_HD45X_Exte...
(d) Wi-Fi Hawking_HD45X_...

Go back to Home Screen(e) > open your Safari Browser

(e)

Then, type in http://192.168.1.240 (f). Continue on to Step 3B.

(f) http://192.168.1.240
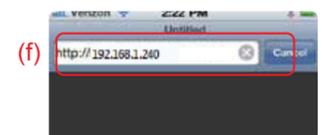
Using an Android mobile device

On your mobile device, locate the "settings" menu and select "Wireless & Networks".

Settings

Wireless & networks

Click "Turn on Wi-Fi" and then click on the "Wi-Fi Settings" option

Wi-Fi
Turn on Wi-Fi

Wi-Fi settings
Set up & manage wireless access points

Look for "Hawking_HD45X_Extender". Select it to connect.

Wi-Fi Off On
Hawking_HD45X_Extender
Connected

HD45X- QIG 2012.02.07
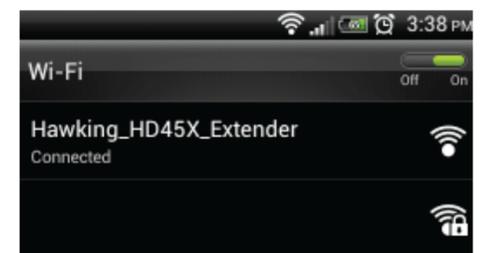
③ Connecting to your Dual-Band Range Extender

A. Using the same computer, open a web browser and type in the following web address in the web address bar: **http://192.168.1.240**

Once the page loads, enter the following login information:

> **Login: admin   Password: 1234**
> **Click Login to continue.**
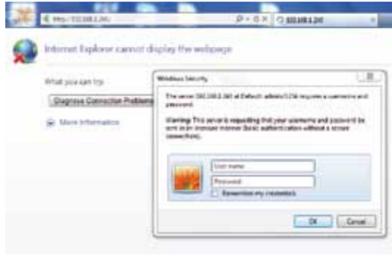
If this page does not load or you need to get back into the unit, you can reset the device by holding the reset button for 15 seconds, power off/on. If running Windows, you may also run the setup software to find the device.

B. Click 'Scan' to find your wireless Internet connection. Select a network you would like to extend, 2.4GHz or 5GHz , and click 'Connect'.

⚠️ The 2.4GHz networks will appear in blue and 5GHz networks will appear in orange. While you can select a 2.4GHz network, if available we recommend connecting to a 5GHz network to optimize your speed and throughput.

If the signal strength is low or your network does not appear, you may need to adjust the location of your HD45X. Click 'Scan' to try again.

Band	Channel	SSID	Encryption	Authentication	Signal
2.4	1		WEP	OPEN	18
2.4	3		AES	WPA2PSK	52
2.4	3		AES	WPA2PSK	100
2.4	10	Hawking_HD45R_2.4GHz	NONE	OPEN	100
2.4	11		AES	WPA2PSK	13
5	36	Hawking_HD45R_5GHz	NONE	OPEN	100

C. The Quick Setup will now prompt you to enter a security key only if the network you are connecting to is encrypted. Enter the key and click 'Continue'.
Note: If there is no security on the original network, this step will automatically be skipped.

If you do not know the security key of the network you are connecting to, please consult your network administrator.

④ Finishing Up

The setup of your HD45X is now complete.   A summary page will appear with all your settings. If anything is incorrect, click back to re-enter your settings. Click Finish to complete your setup. The HD45X will automatically reboot and start repeating and extending your wireless network.

⚠️ After the reboot, the HD45X will join the original network and will no longer be listed as "Hawking_HD45X_Extender". It will automatically be renamed to your original network, unless it was specified during the set up process. **If you wish to modify this name, please refer to the user's manual.**

Placing your Dual Band Range Extender in an Optimal Location

✓ Place the HD45X **within** the range of your wireless source.

Router / HotSpot
(wireless source)

Hi-Gain™ Dual Band Wireless N
Range Extender
HD45X

Wireless Device
(laptop)

🚫 DO NOT place the HD45X **outside** the range of your wireless source.

Router / HotSpot
(wireless source)

Hi-Gain™ Dual Band Wireless N
Range Extender
HD45X

Wireless Device
(laptop)
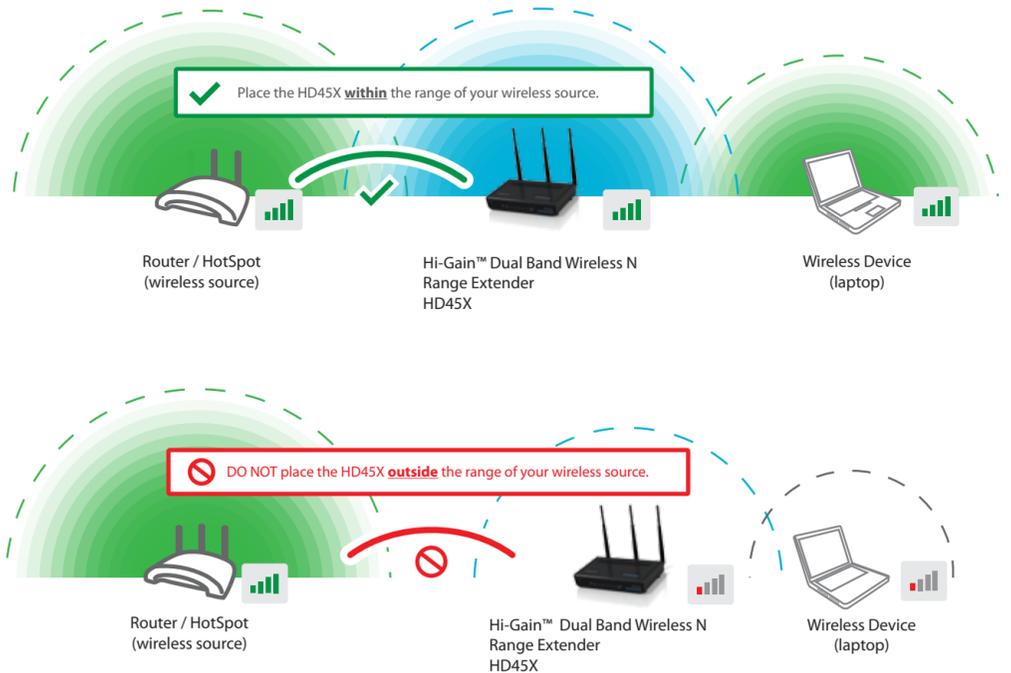
LED Description
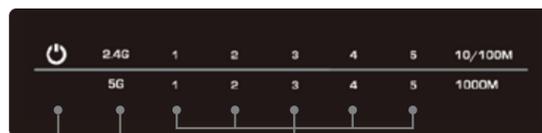
Power
- LED is on, when the power adapter is connected and plugged into an outlet

Wireless
- LED is on, (blinking) when wireless data activity is detected. 2.4G is 2.4GHz wireless, 5G is 5GHz wireless

Wired
- LED is on, when a ethernet cable is plugged into the ethernet port
Top # corresponds to 10/100M connections, bottom is for 1000M connections

Back Panel Description
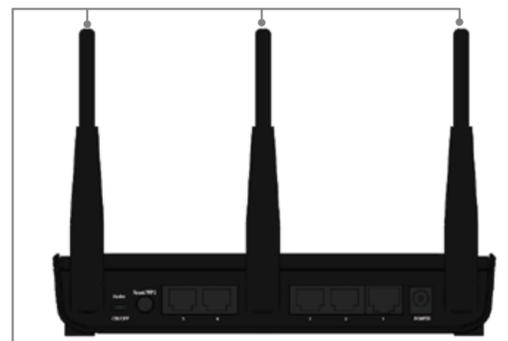
Removable Antennas
Removable 3dBi Omni-Directional Antennas

Wireless Radio On / Off Switch
Turns on / off the wireless functions

Reset Switch / WPS
Resets your extender to its default settings / WPS Setup

LAN Ports
Connects your wired network devices and computers to your network

Power (12V / 1.25A)
Power Adapter Plug