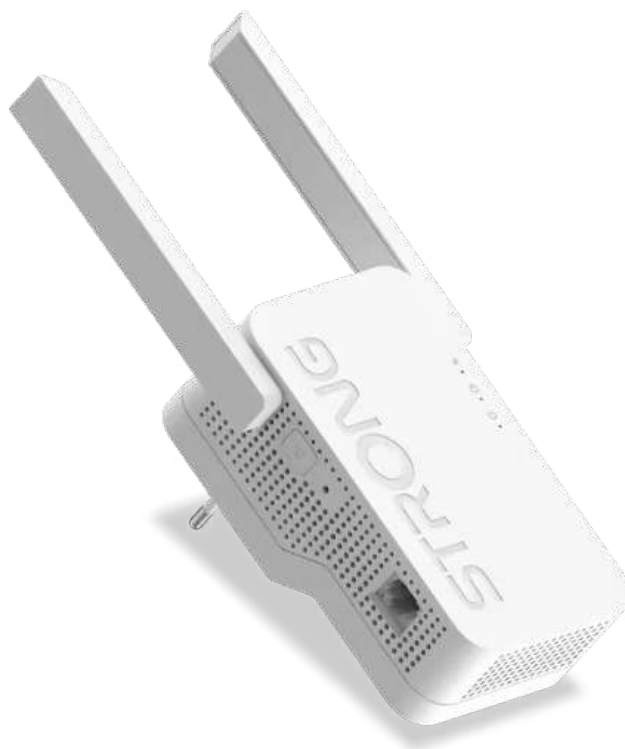


# **STRONG**

## **Wi-Fi 7 REPEATER 3600**

Model REPEATERBE3600 / REPEATERBE3600X



*Picture of the product*

### **User Manual**

English

Firmware 2.3.16 and above

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# I. Introduction

## 1. Product overview

Welcome to the complete user guide for the STRONG Wi-Fi 7 REPEATER 3600. This manual takes you from unboxing the product to mastering every function of its configuration interface.

The Wi-Fi 7 REPEATER 3600 is a plug-in wireless range extender. It picks up the Wi-Fi signal of your existing modem, router or ISP box, amplifies it and rebroadcasts it further into your home, removing the dead zones where your connection used to drop. Because it works with any Wi-Fi modem or router, you do not need to change your Internet box or call a technician: plug the repeater into a mains socket, run the five-step setup wizard, and your coverage is extended.

The repeater can also be used as a wireless access point. In that mode it is connected to your modem or router with an Ethernet cable (or through in-wall Ethernet cabling) and creates a brand-new Wi-Fi network at the other end of the cable, which gives you full-speed coverage in a room the wireless signal cannot reach.

### Main features:

- Wi-Fi 7 (IEEE 802.11be), dual-band simultaneous 2.4 GHz + 5 GHz, up to 3 600 Mbps combined (688 Mbps at 2.4 GHz + 2 882 Mbps at 5 GHz)
- 4 Wi-Fi streams (2 + 2) and 2 external 5 dBi antennas for a wireless range of up to 150 m in open field
- Two operating modes: Wireless Extender (wireless backhaul) and Wireless Access Point (wired backhaul)
- 1 Gigabit Ethernet port (1 000 Mbps) to connect a TV, game console or computer by cable, or to feed the repeater from in-wall Ethernet cabling
- WPS button for one-touch pairing with your existing router
- Smart LED system: the Wi-Fi indicator tells you whether the repeater is well placed, so you can find the best socket in your home
- WPA, WPA2 and WPA3 security, including the WPA2-PSK/WPA3-SAE transition mode
- Fully customisable network names (SSIDs), or one-click copy of your host network name for seamless roaming
- Built-in web interface (Web UI) reachable at <http://setup.strong> — no app or account required
- Direct plug-in power supply (100–240 V), no external power brick
- 4-year warranty

### **i** NOTE

Two commercial references share the same hardware and the same firmware: REPEATERBE3600 (standard packaging) and REPEATERBE3600X (minimalist packaging). Everything described in this manual applies to both.

**⚠ IMPORTANT**

The Wi-Fi 7 REPEATER 3600 has an integrated mains plug and is designed to be plugged directly into a wall socket rated 100–240 V AC, 50/60 Hz. Do not use it with a travel adapter, a damaged socket or an extension lead that does not comply with these ratings. Never plug the product in if the housing or the plug pins are damaged. Using a non-compliant power source is dangerous for the user, prevents the product from operating normally, and voids the warranty. The electrical ratings are given in the technical specifications section of this manual and on the product label.

**2. Package contents**

Check that the following items are present when you unpack your Wi-Fi 7 REPEATER 3600:

| Item                         | Description                                                                        |
|------------------------------|------------------------------------------------------------------------------------|
| Wi-Fi 7 REPEATER 3600 × 1    | The repeater itself, with its two external antennas and its integrated mains plug. |
| Quick Installation Guide × 1 | Essential start-up instructions, safety information and warranty details.          |

**i NOTE**

No Ethernet cable and no power adapter are supplied. The repeater is powered directly by the wall socket. An Ethernet cable is only required if you intend to use the Gigabit Ethernet port, either to connect a wired device or to run the repeater in Wireless Access Point mode.

**3. Physical description**

The repeater is a single-piece plug-in unit. All the indicators are grouped on the front face, and all the controls and the Ethernet port are on the side of the housing.

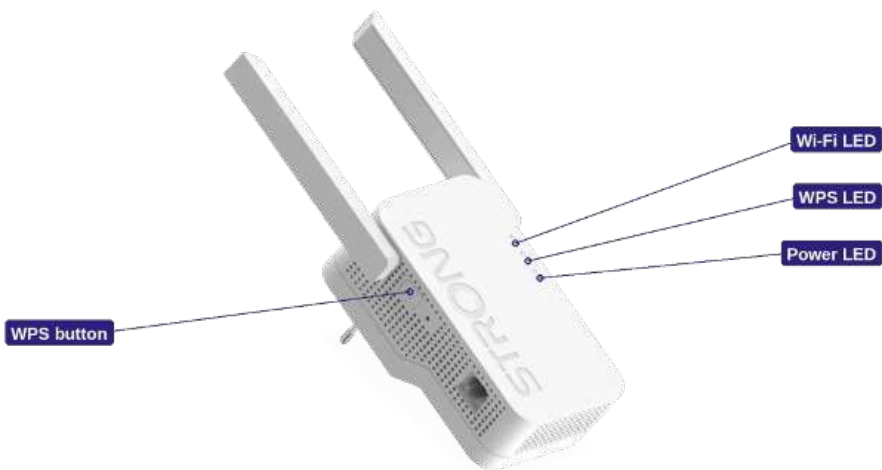


Fig. 1 — Introduction > Physical description — front view and status LEDs

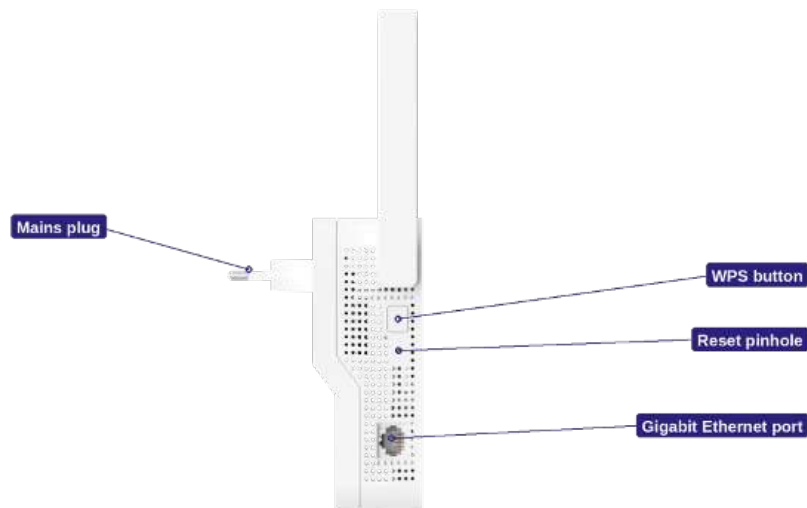


Fig. 2 — Introduction > Physical description — side view, controls and connector

| Element               | Function                                                                                                                                                   |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2 external antennas   | Foldable 5 dBi antennas. Unfold them fully and keep them vertical for the best coverage.                                                                   |
| Mains plug            | Integrated two-pin plug. The repeater is powered as soon as it is plugged into a live wall socket; there is no on/off switch.                              |
| WPS button            | Press to start WPS pairing with your router. See section II.6.                                                                                             |
| Reset pinhole         | Recessed button. Press and hold with a paper clip for about 10 seconds to restore the factory settings. See section IV.7.                                  |
| Gigabit Ethernet port | RJ-45 port, 1 000 Mbps. Connects a wired device to the extended network, or connects the repeater to your modem/router when it is used as an access point. |
| Ventilation grille    | Keep it clear. Do not cover the repeater and do not install it behind furniture or inside a cabinet.                                                       |
| Status LEDs           | Three indicators: Wi-Fi, WPS and Power. See the next section.                                                                                              |

## 4. LED indicators

The three LEDs on the front face tell you, at a glance, whether the repeater is powered, whether it is paired with your router, and — most importantly — whether it is plugged into a good location.

| LED   | State         | Meaning                                                                                                                                                  |
|-------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Power | Solid blue    | The repeater is powered and has finished starting up.                                                                                                    |
| Power | Flashing blue | The repeater is starting up, applying new settings or rebooting. Wait until the LED is steady.                                                           |
| Power | Off           | No power. Check the wall socket.                                                                                                                         |
| Wi-Fi | Solid blue    | The repeater is connected to your host network and the signal it receives is good. This is the position you want.                                        |
| Wi-Fi | Solid red     | The repeater is connected but the signal received from the router is too weak, or it is not connected to any host network. Move it closer to the router. |

| LED   | State         | Meaning                                                                  |
|-------|---------------|--------------------------------------------------------------------------|
| Wi-Fi | Off           | The extended Wi-Fi network is disabled.                                  |
| WPS   | Flashing blue | WPS pairing in progress. The window stays open for about 2 minutes.      |
| WPS   | Solid blue    | WPS pairing succeeded and the repeater is connected to the host network. |
| WPS   | Off           | No WPS session in progress.                                              |

**TIP**

The Wi-Fi LED is the “smart LED” used to find the best location in your home. Plug the repeater roughly halfway between your router and the dead zone, wait about 30 seconds, and look at the colour: blue means the placement is good, red means you are too far from the router. Move the repeater one socket closer and check again.

**NOTE**

All three indicators can be switched off from the Web UI, for instance in a bedroom. See Advanced Settings > System > LED Control in section III.4.

## 5. Operating modes

The repeater supports two operating modes. The mode is chosen on the first page of the setup wizard and can be changed at any time from the Quick Setup tab.

| Mode                  | How it connects to your network                                                                                           | When to use it                                                                                                                                                       |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Wireless Extender     | Wirelessly, to an existing Wi-Fi network (called the host network in the interface).                                      | The standard use case. Choose this mode to extend the coverage of your ISP box or router without running any cable.                                                  |
| Wireless Access Point | By cable, through the Gigabit Ethernet port connected to a LAN port of your modem, router or to in-wall Ethernet cabling. | Choose this mode when a cable is already available in the room to be covered. The backhaul is wired, so the extended network keeps the full speed of the connection. |

**NOTE**

In Wireless Extender mode, the repeater shares the radio bandwidth between the link to the router and the link to your devices. This is normal for any wireless repeater. If maximum throughput matters and a cable is available, prefer Wireless Access Point mode.

## 6. Web UI overview

All the settings of the repeater are managed from a built-in web interface, referred to in this manual as the Web UI. It is reached from any browser, on a computer, a tablet or a smartphone connected to the repeater. No application and no user account are needed.

| Item                   | Value                                                                                              |
|------------------------|----------------------------------------------------------------------------------------------------|
| Web UI address         | http://setup.strong                                                                                |
| Default LAN IP address | 192.168.1.254                                                                                      |
| Login                  | Password only — there is no user name                                                              |
| Password               | Created by you the first time you open the Web UI                                                  |
| Interface language     | Automatically detected from the browser, and changeable from Advanced Settings > System > Language |

The Web UI is organised into four tabs, always visible at the top of the page:

| Tab               | Contents                                                                                                                          |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| System Status     | Read-only dashboard plus the detail pages for Devices, Host Network, Wireless 2.4G, Wireless 5G, LAN and System.                  |
| Quick Setup       | The five-step wizard: Mode, Timezone, Host Network, Extended Network (or Wireless), Summary.                                      |
| General Settings  | Everyday Wi-Fi settings: Wireless 2.4G, Wireless 5G and Host Network.                                                             |
| Advanced Settings | Network (LAN) and System (Timezone, Firmware, Backup/Restore, Admin Account, Language, Timed Reboot, Reboot, Reset, LED Control). |

**i NOTE**

The Web UI is served over plain HTTP, on your local network only. It is not reachable from the Internet. Nevertheless, choose a strong login password and change it if you ever share your Wi-Fi with guests.



## II. Getting Started — Initial Setup

This section covers the very first configuration of the repeater, from choosing a socket to the moment your extended network is on the air. Allow about five minutes.

### 1. Choosing the right location

A repeater can only rebroadcast what it receives. Its placement is therefore the single factor that determines the quality of your extended network.

1. For the first configuration, plug the repeater into a socket in the same room as your router. This guarantees a strong signal while you run the wizard.
2. Once the setup is complete, unplug the repeater and move it to its final position: roughly halfway between the router and the area with poor coverage.
3. Wait about 30 seconds and check the Wi-Fi LED. Blue means the location is good; red means the repeater is too far from the router — move it one socket closer.
4. Keep the antennas unfolded and vertical, and keep the repeater away from microwave ovens, cordless phone bases, large metal surfaces and thick concrete or brick walls.

#### TIP

Prefer a free wall socket at mid-height. Avoid multi-socket extension leads placed behind furniture, and never install the repeater inside a cupboard or a media cabinet.

### 2. Connecting to the repeater

Plug the repeater into a mains socket and wait until the Power LED stops flashing. On your computer, tablet or smartphone, open the list of available Wi-Fi networks and connect to the default network of the repeater.

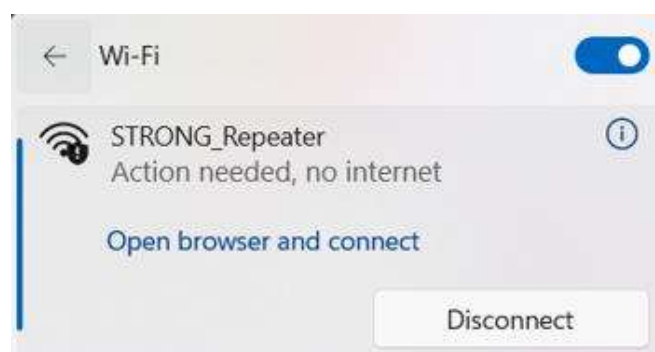


Fig. 3 — Getting Started > Connecting to the repeater — default Wi-Fi network

#### NOTE

The default network names are STRONG\_Repeater for the 2.4 GHz band. The exact names printed on the product label. Out of the box, the repeater is not encrypted, which is why your device reports the network as unsecured; encryption is applied at the end of the wizard.

Your device will report that this network has no Internet access. That is expected: the repeater is not yet connected to your router.

### 3. Creating the Web UI password

The first time you open the Web UI, the repeater asks you to create the password that will protect the interface. Two routes lead to the same page:

- Click the “Open browser and connect” link offered by your operating system when you join the network.
- Or open a browser and type `http://setup.strong` in the address bar.

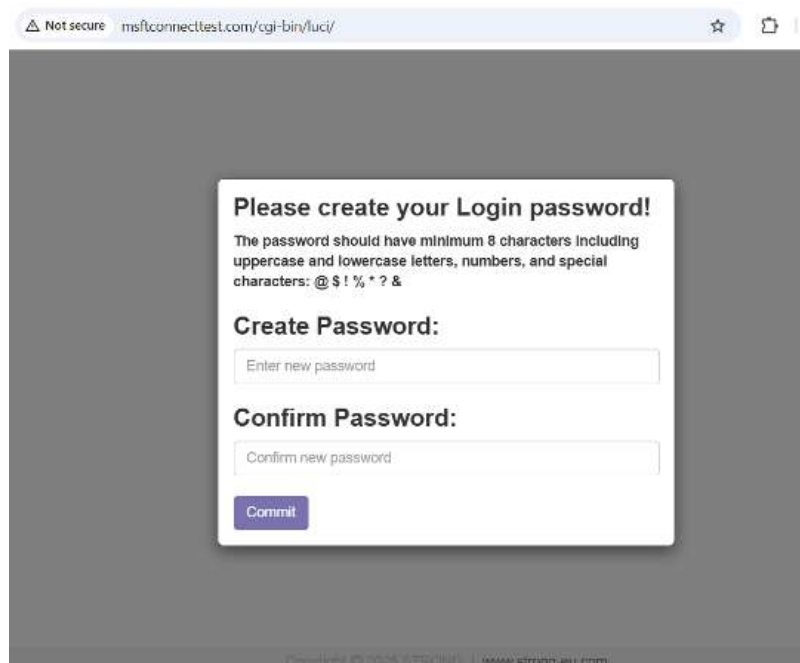


Fig. 4 — Getting Started > Creating the Web UI password — first access

Enter your new password twice and click Commit. The password must contain at least 8 characters and combine uppercase letters, lowercase letters, digits and special characters taken from @ \$ ! % \* ? &.

#### **⚠ IMPORTANT**

Write this password down and keep it in a safe place. It is the only way to reach the Web UI. If it is lost, the only remedy is a factory reset with the Reset pinhole, which erases all your settings.

### 4. Quick Setup — Wireless Extender mode

As soon as the password is set, the repeater opens the five-step Quick Setup wizard. The progress bar at the top of the page shows where you are: Mode, Timezone, Host Network, Extended Network, Summary.

#### **Step 1 — Mode**

Select Wireless Extender and click Next.

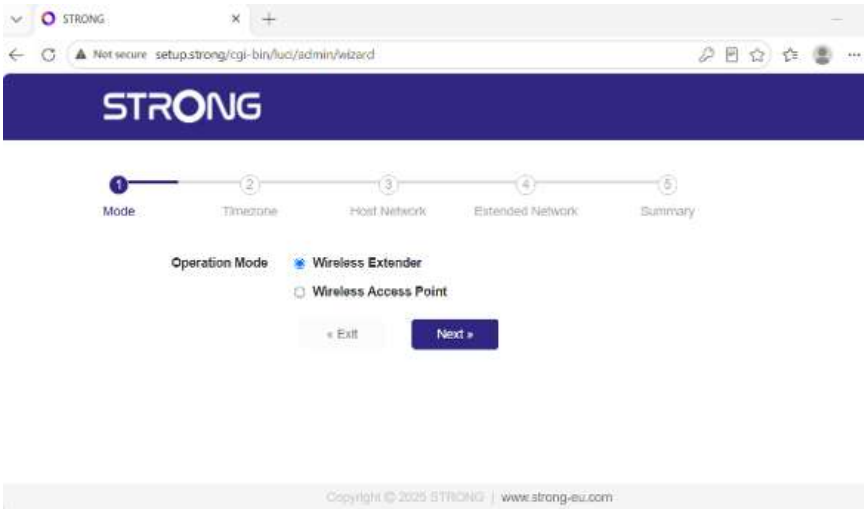


Fig. 5 — Quick Setup > Step 1 — selecting Wireless Extender mode

### Step 2 — Timezone

Choose your time zone from the drop-down list and check the local time displayed below it, then click Next. The time zone is used by the system log and by the Timed Reboot function.

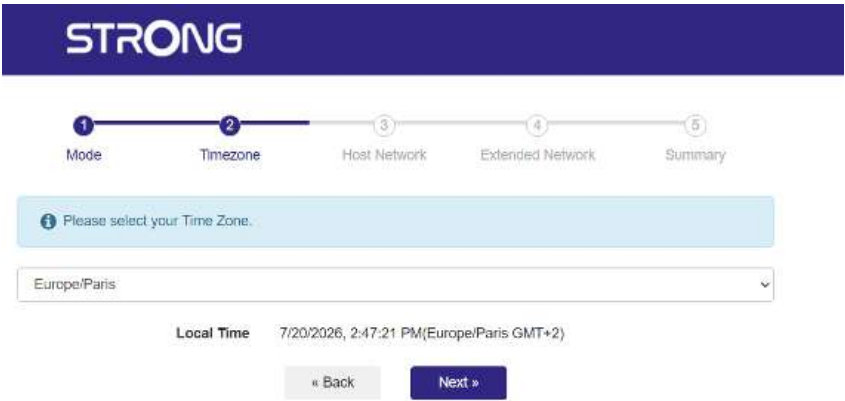


Fig. 6 — Quick Setup > Step 2 — time zone selection

### Step 3 — Host Network

The repeater scans the airwaves around it. The scan takes a few seconds.

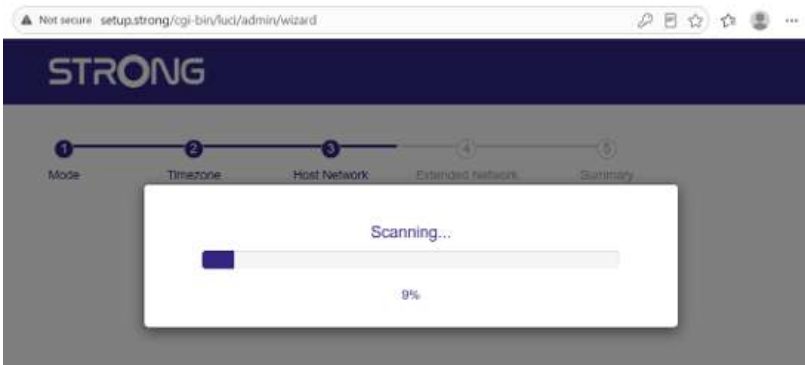


Fig. 7 — Quick Setup > Step 3 — scanning for networks

It then lists every network it can see, with its band (2.4G or 5G), its BSSID, its name, its channel and its signal strength in dBm. Find your own network and click the Connect button on its line.

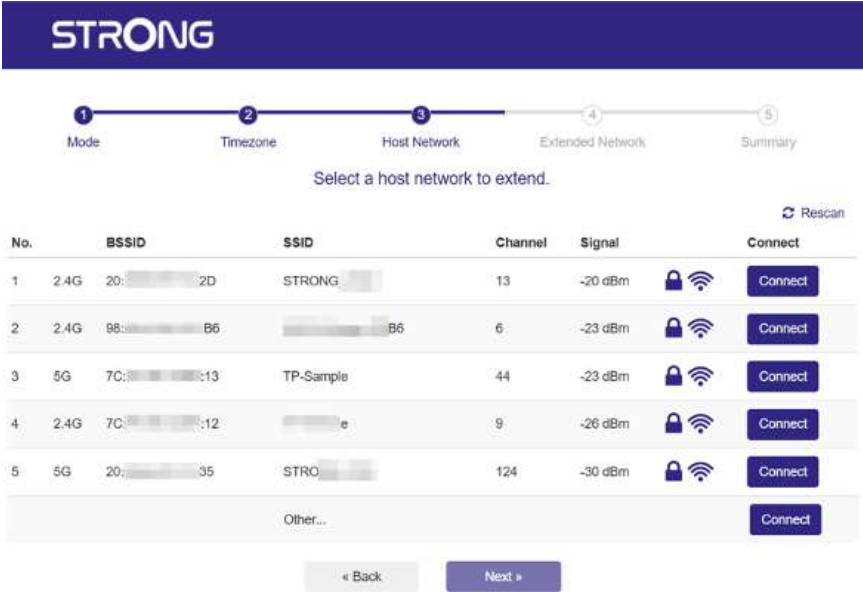


Fig. 8 — Quick Setup > Step 3 — list of available host networks

**TIP**

Prefer the entry with the strongest signal, that is the least negative value in dBm: -20 dBm is much better than -75 dBm. If your router broadcasts the same name on both bands, choose the 5G entry for speed, or the 2.4G entry for range through walls.

A dialogue then asks for the password of the selected network. Choose the Wi-Fi band, check the SSID and type the password of your own network — not the one of the repeater — then click Next.

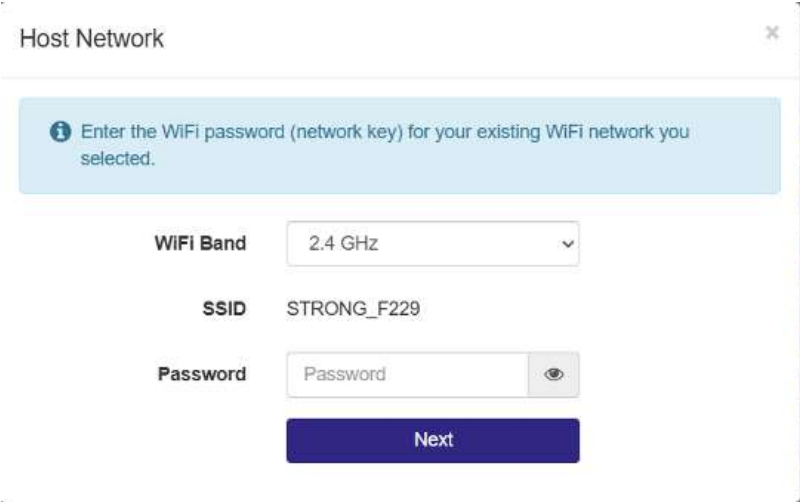


Fig. 9 — Quick Setup > Step 3 — host network password

The selected network is now shown as the Host SSID, with a green check mark. The Reselect link on the right lets you go back to the list.

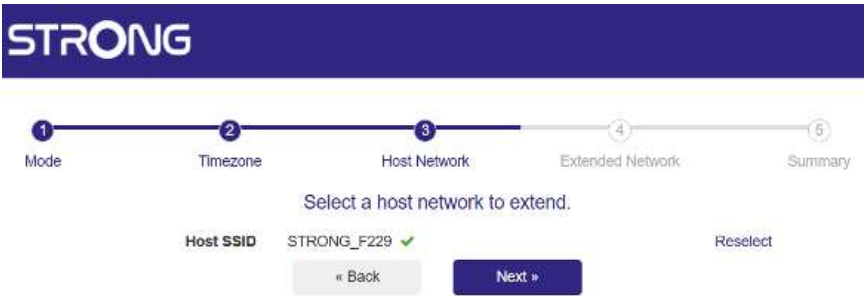


Fig. 10 — Quick Setup > Step 3 — host network confirmed

**NOTE**

If your network does not appear in the list, click Rescan. If it is still missing, it may be hidden: use the “Other...” row at the bottom of the table to type its name manually. Also check that the repeater is close enough to the router during setup.

**Step 4 — Extended Network**

Give a name to the two networks the repeater will broadcast. By default it suggests the name of your host network with the suffixes -EXT2G and -EXT5G.

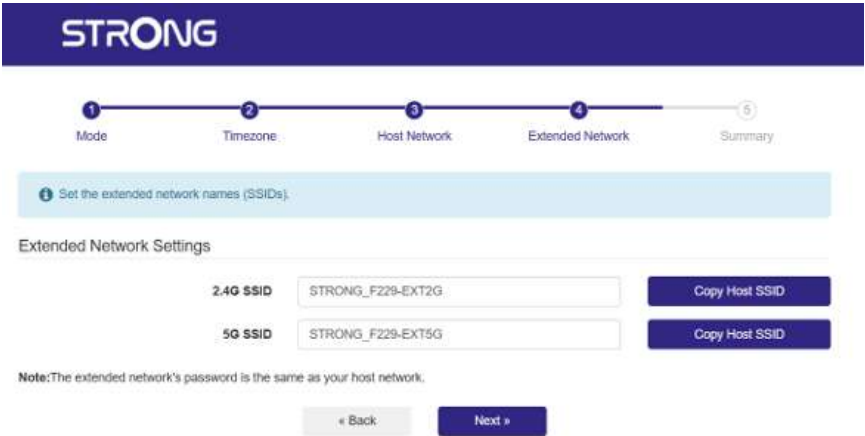


Fig. 11 — Quick Setup > Step 4 — default extended network names

Alternatively, click Copy Host SSID to reuse exactly the same name as your existing network on both bands. Your devices then move from the router to the repeater on their own, without you having to switch networks manually.

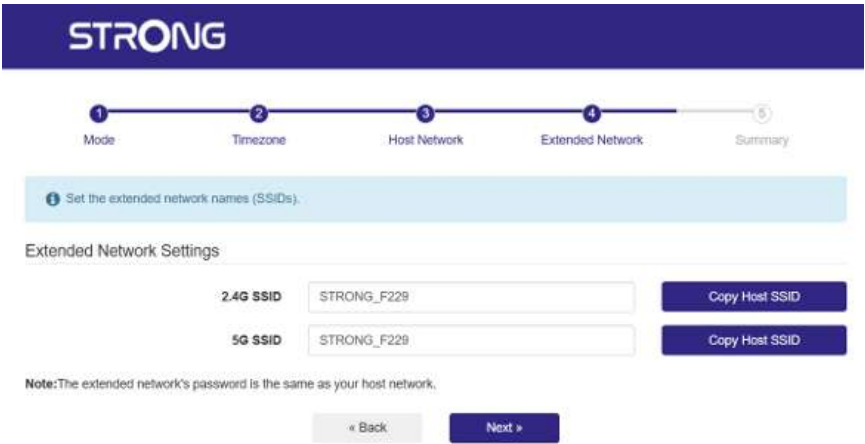


Fig. 12 — Quick Setup > Step 4 — extended network names copied from the host

**TIP**

Copying the host name gives the most comfortable experience, as your phone or laptop roams automatically to whichever unit has the better signal. Keeping the -EXT2G and -EXT5G suffixes is useful when you want to control exactly which device is connected to the repeater, for example while you are testing the placement.

**NOTE**

The password of the extended network cannot be set here: it is always the same as the password of the host network. This is what allows your devices to move between the two networks without asking for a new key.

**Step 5 — Summary**

The last page recapitulates the mode, the host network and the two extended networks with their password. Check the values and click Save & Apply.

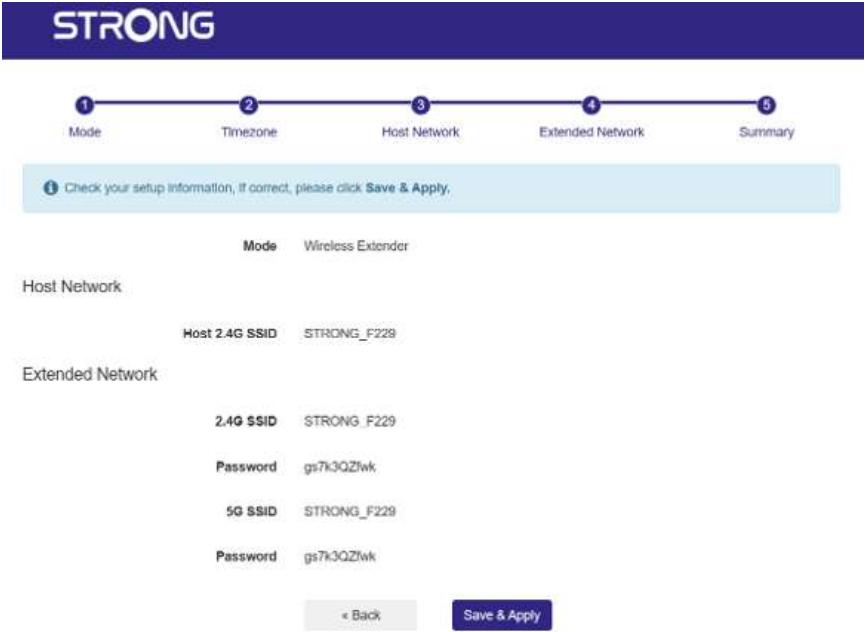


Fig. 13 — Quick Setup > Step 5 — summary in Wireless Extender mode

The repeater applies the settings and restarts. A progress window is displayed while the changes are being applied.

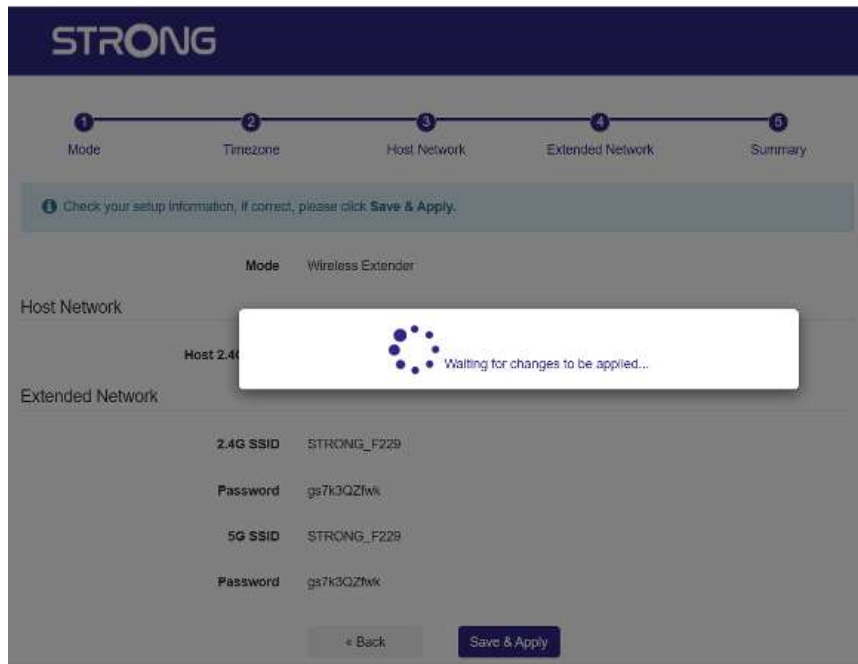


Fig. 14 — Quick Setup > Step 5 — applying the settings

When the Power LED stops flashing, the setup is complete. Connect your devices to the extended network name you chose in step 4, using the password of your original Wi-Fi network.

### ⚠ IMPORTANT

Do not unplug the repeater while the settings are being applied. Interrupting the reboot may leave the configuration incomplete and force you to start again with a factory reset.

## 5. Quick Setup — Wireless Access Point mode

Use this mode when the room to be covered already has an Ethernet socket, or when you can run a cable from your modem or router to the repeater. Connect one end of an Ethernet cable to a LAN port of your modem or router, and the other end to the Gigabit Ethernet port of the repeater, then run the wizard.

### Step 1 — Mode

Select Wireless Access Point and click Next.

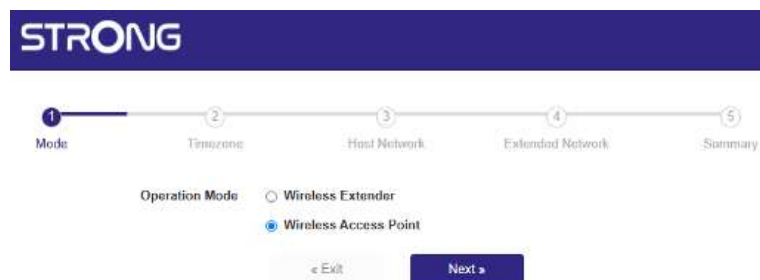
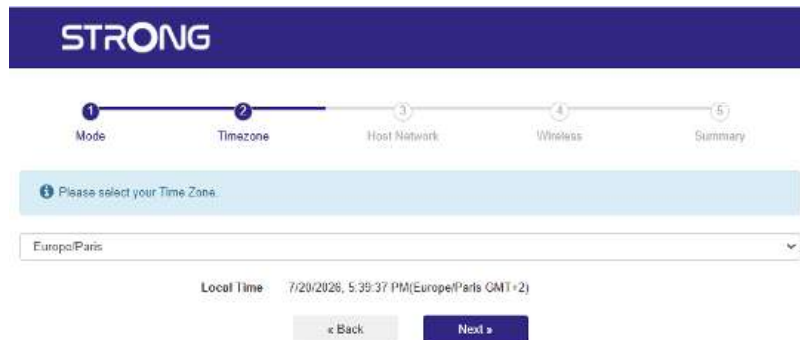


Fig. 15 — Quick Setup > Step 1 — selecting Wireless Access Point mode

## Step 2 — Timezone

Select your time zone exactly as in extender mode, then click Next.



The screenshot shows the STRONG Quick Setup interface for Step 2: Timezone. At the top, a progress bar indicates five steps: 1. Mode, 2. Timezone (current), 3. Host Network, 4. Wireless, and 5. Summary. Below the progress bar, a light blue box contains the instruction: "Please select your Time Zone". Underneath is a dropdown menu currently set to "Europe/Paris". Below the dropdown, the "Local Time" is displayed as "7/20/2026, 5:39:37 PM(Europe/Paris GMT+2)". At the bottom, there are two buttons: "Back" and "Next >".

Fig. 16 — Quick Setup > Step 2 — time zone selection in access point mode

## Step 3 — Host Network

In this mode the wizard does not scan the airwaves. It simply reminds you to connect the repeater to your modem or router with a cable.

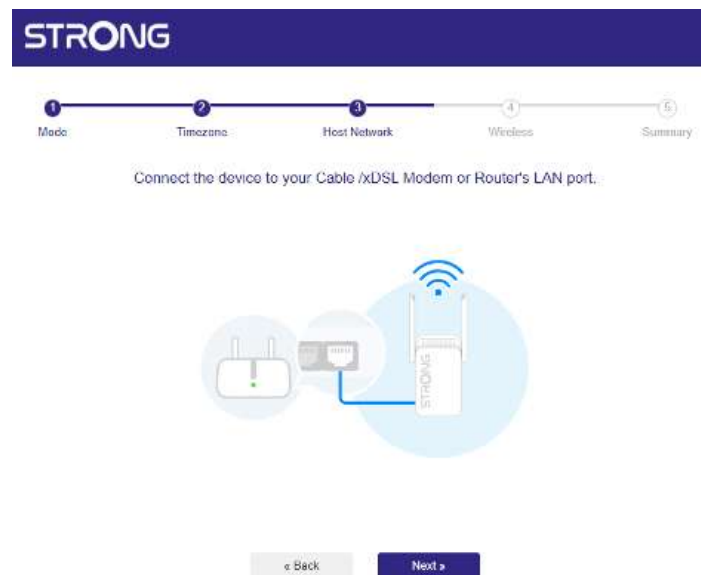


Fig. 17 — Quick Setup > Step 3 — wired connection reminder

## Step 4 — Wireless

Define the Wi-Fi network the access point will create. Unlike extender mode, you set the name and the security of each band independently, since there is no host network to copy.



STRONG

1

2

3

4

5

Mode

Timezone

Host Network

Wireless

Summary

You can change the wireless network name and password.

2.4G Wireless Settings

SSID

STRONG\_Repeater

Encryption

No Encryption

5G Wireless Settings

SSID

STRONG\_Repeater-5G

Encryption

No Encryption

« Back

Next »

Fig. 18 — Quick Setup > Step 4 — wireless settings in access point mode

**⚠ IMPORTANT**

The Encryption drop-down is set to No Encryption by default. Always change it to WPA2-PSK/WPA3-SAE and set a password before you finish the wizard, otherwise your new network will be open to anyone in range.

**Step 5 — Summary**

Check the mode and the two network names, then click Save & Apply.

STRONG

1

2

3

4

5

Mode

Timezone

Host Network

Wireless

Summary

Check your setup information, if correct, please click Save & Apply.

Mode

Wireless Access Point

2.4G SSID

STRONG\_F229

5G SSID

STRONG\_F229

« Back

Save & Apply

Fig. 19 — Quick Setup > Step 5 — summary in Wireless Access Point mode



Fig. 20 — Quick Setup > Step 5 — system rebooting

**6. Pairing with WPS**

If your router has a WPS button, you can pair the repeater without opening the Web UI at all. This is the fastest way to extend a network, although it gives you no control over the name of the extended network.

1. Plug the repeater into a socket close to your router and wait until the Power LED is steady.
2. Press the WPS button on the side of the repeater. The WPS LED starts flashing blue.
3. Within the next two minutes, press the WPS button on your router or modem.
4. Wait for the pairing to complete. The WPS LED turns solid blue, and the repeater connects automatically to the host network.
5. Move the repeater to its final location and check that the Wi-Fi LED is blue.

#### **i NOTE**

WPS pairing is available in Wireless Extender mode. If the WPS LED stops flashing without turning solid blue, the two-minute window has expired: start again from step 2, or configure the repeater through the Web UI as described above.

## 7. Logging in to the Web UI

Once the repeater is configured, open <http://setup.strong> from any device connected to the repeater to reach the login page. Enter the password you created and click Login.

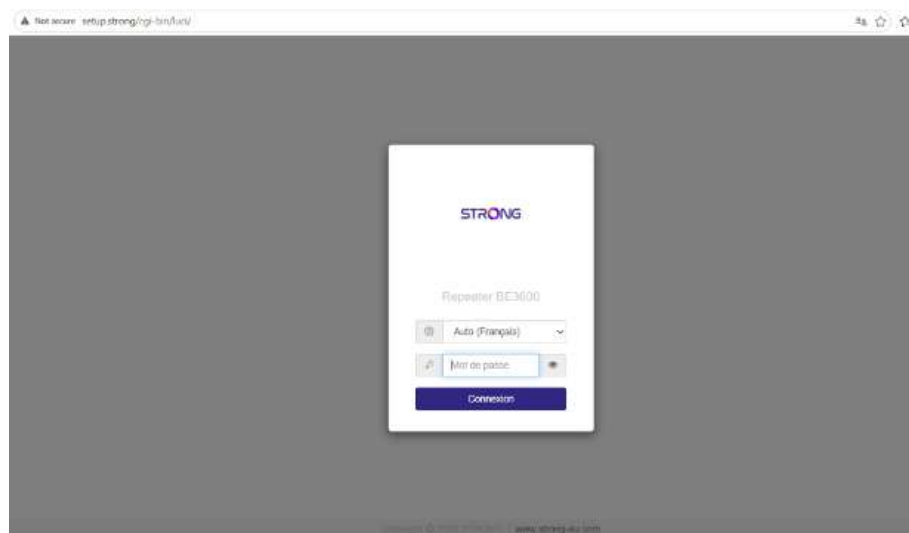


Fig. 21 — Getting Started > Logging in — Web UI login page

#### **i NOTE**

After the repeater has joined your network, it receives an IP address from your router — in the example screenshots of this manual, 192.168.188.199. The address <http://setup.strong> keeps working, but you can also reach the Web UI directly through that IP address, which you will find in the DHCP client list of your router or in System Status > LAN.

III. Full description of the Web UI

This section describes every page of the Web UI, tab by tab, and every field you may encounter. The screenshots were taken in Wireless Extender mode unless stated otherwise; the differences specific to Wireless Access Point mode are grouped in section III.5.

1. System Status

System Status is the home page of the Web UI. It opens on a dashboard which shows, at the top, a diagram of your installation — router, wireless link, repeater and the bands being broadcast — and, below it, six summary cards. Each card carries a More Details button that opens the corresponding detail page.

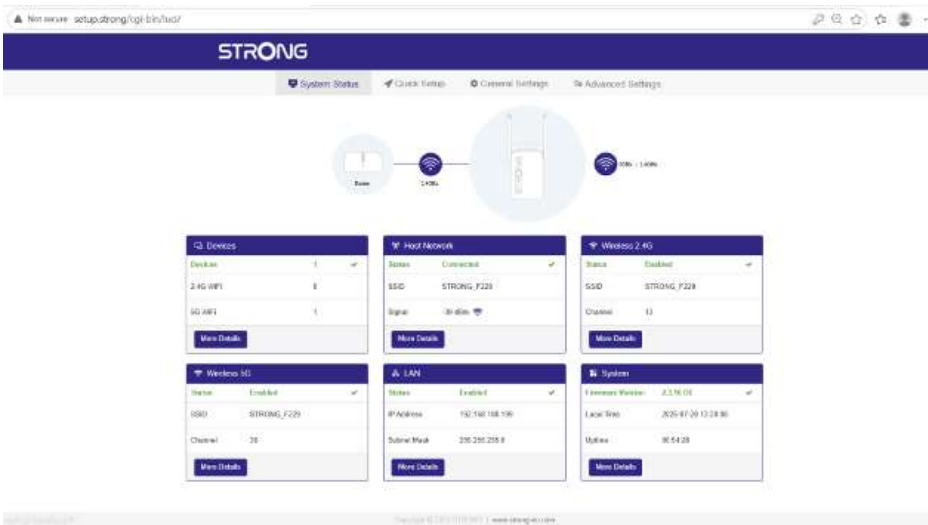


Fig. 22 — System Status > Dashboard — Wireless Extender mode

1.1 Devices

The Devices card counts the clients currently connected to the repeater and splits them by interface. Its Status page repeats that breakdown, while the Devices page lists each client individually.

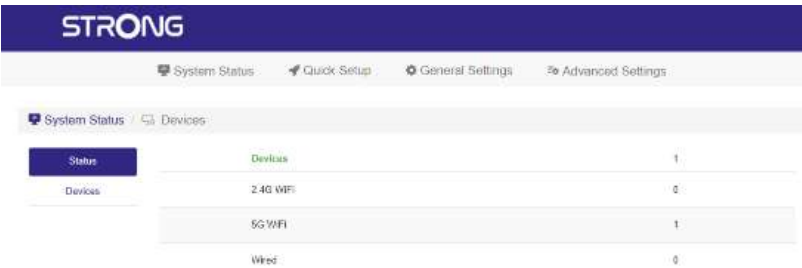


Fig. 23 — System Status > Devices — status



Fig. 24 — System Status > Devices — connected client list

| Column           | Meaning                                                                         |
|------------------|---------------------------------------------------------------------------------|
| Interface        | Whether the client is connected over 2.4G Wi-Fi, 5G Wi-Fi or the Ethernet port. |
| IP / MAC Address | The address given to the client by your router, and its physical address.       |
| Real-time Rate   | Instantaneous upload and download throughput of the client, in Kbps.            |
| Signal           | Received signal level of the client in dBm. A value closer to zero is better.   |
| Duration         | How long the client has been connected.                                         |

## 1.2 Host Network

This card exists only in Wireless Extender mode. It describes the link between the repeater and your router.

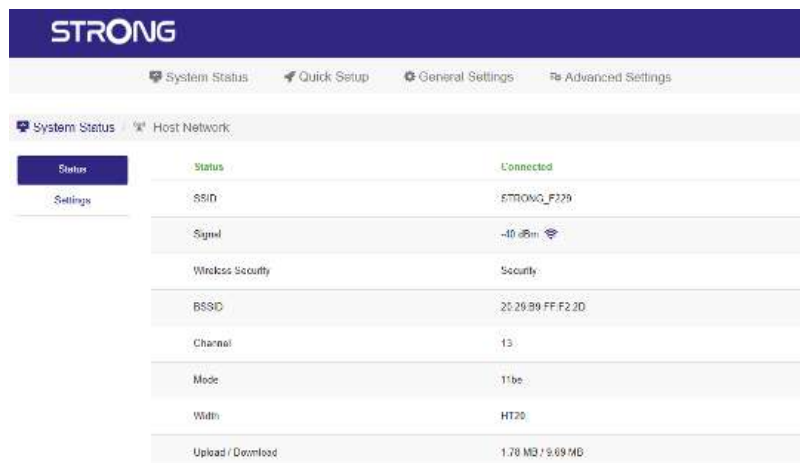


Fig. 25 — System Status > Host Network — status

| Field                  | Meaning                                                                                                       |
|------------------------|---------------------------------------------------------------------------------------------------------------|
| Status                 | Connected or Not connected. This is the single most useful indicator when the extended network stops working. |
| SSID                   | Name of the host network the repeater is attached to.                                                         |
| Signal                 | Level received from the router, in dBm. Below roughly -70 dBm, move the repeater closer.                      |
| Wireless Security      | Encryption used on the host network.                                                                          |
| BSSID                  | MAC address of the router radio the repeater is attached to.                                                  |
| Channel / Mode / Width | Radio channel, 802.11 mode (for example 11be) and channel width (for example HT20) of the link.               |
| Upload / Download      | Volume of data exchanged over the link since the last restart.                                                |

The Settings sub-menu of the same page shows the current host SSID and the connection status, and offers a Scan button to attach the repeater to a different network.

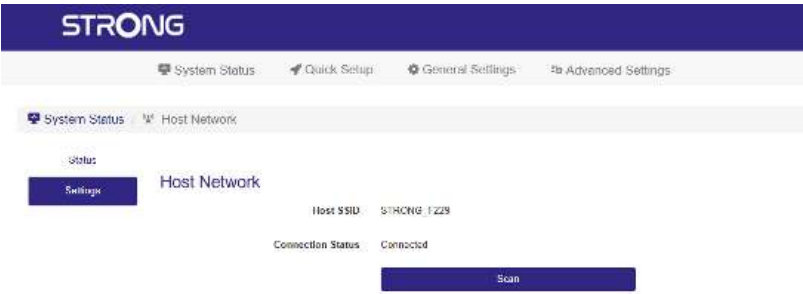


Fig. 26 — System Status > Host Network — settings

1.3 Wireless 2.4G

The Status page reports the current state of the 2.4 GHz radio of the extended network.

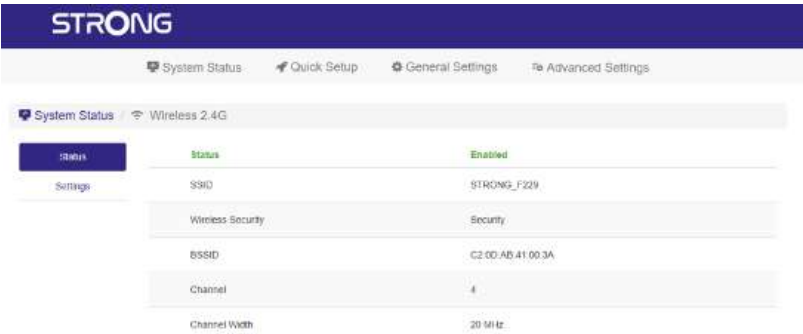


Fig. 27 — System Status > Wireless 2.4G — status

The Settings page groups the two bands on a single screen, together with the Smart Connect option. It is the quickest place to change a network name or a password.

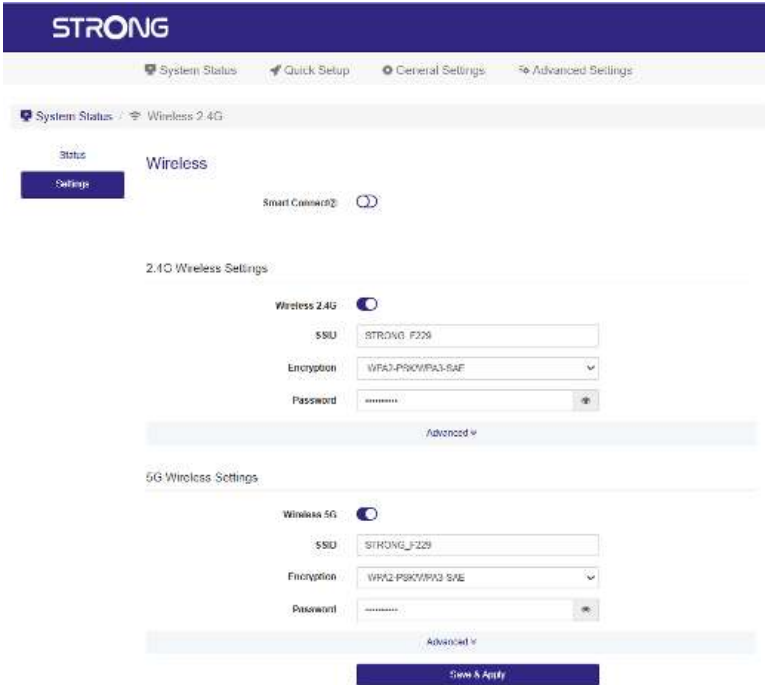


Fig. 28 — System Status > Wireless 2.4G — settings

| Field                       | Meaning                                                                                                                              |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Smart Connect               | When enabled, the 2.4 GHz and 5 GHz networks share a single name and the repeater steers each client towards the more suitable band. |
| Wireless 2.4G / Wireless 5G | Enables or disables the corresponding radio.                                                                                         |
| SSID                        | Name broadcast by the repeater on that band.                                                                                         |
| Encryption                  | Security mode. WPA2-PSK/WPA3-SAE is the recommended setting: it keeps older devices working while offering WPA3 to recent ones.      |
| Password                    | Wi-Fi key of the network. Click the eye icon to reveal it.                                                                           |

## 1.4 Wireless 5G

The 5 GHz page mirrors the 2.4 GHz one. Note the wider channel width, which is what gives the 5 GHz band its higher throughput.

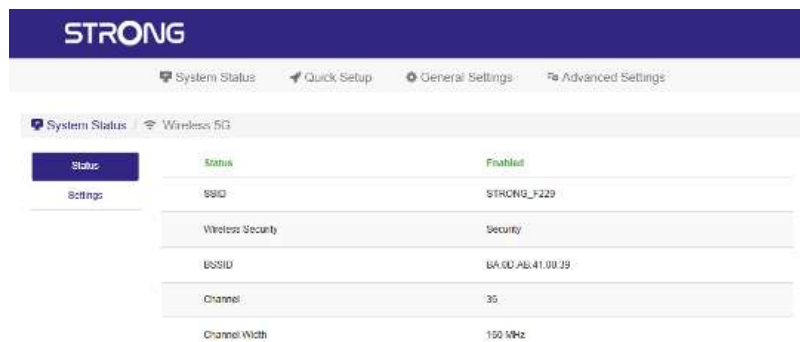


Fig. 29 — System Status > Wireless 5G — status

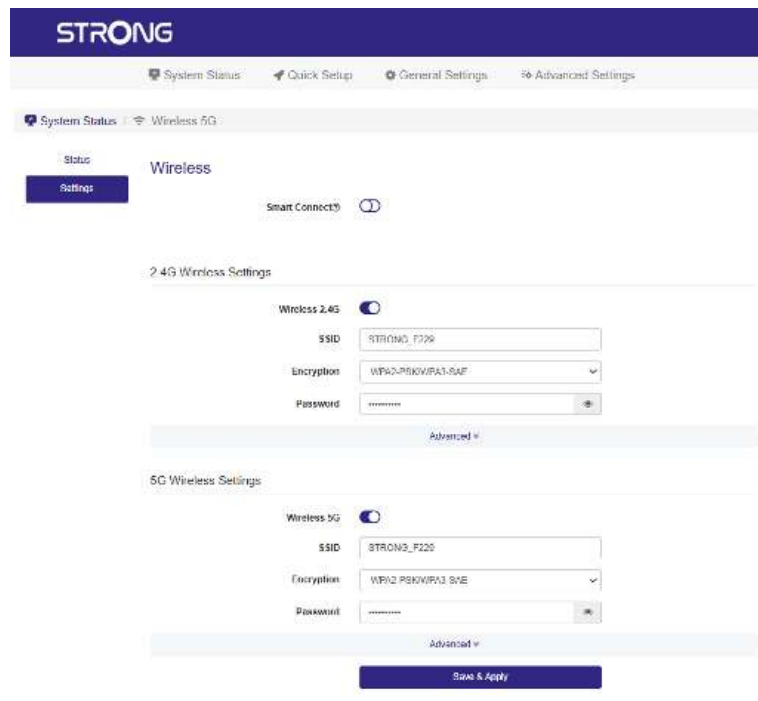


Fig. 30 — System Status > Wireless 5G — settings

## 1.5 LAN

The LAN card describes the address of the repeater on your local network.

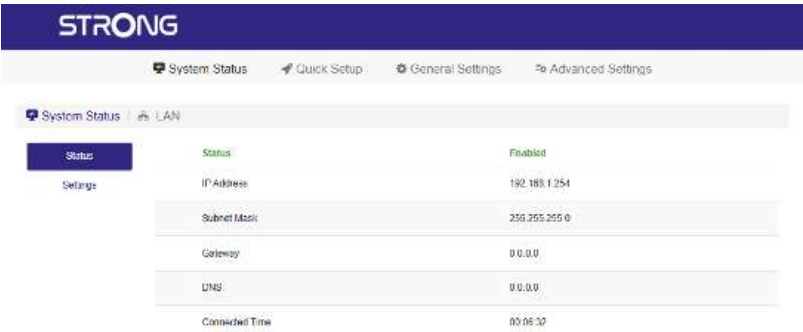


Fig. 31 — System Status > LAN — status

The Settings sub-menu contains a single Static address toggle. Left off, the repeater receives its address automatically from your router, which is the recommended configuration.

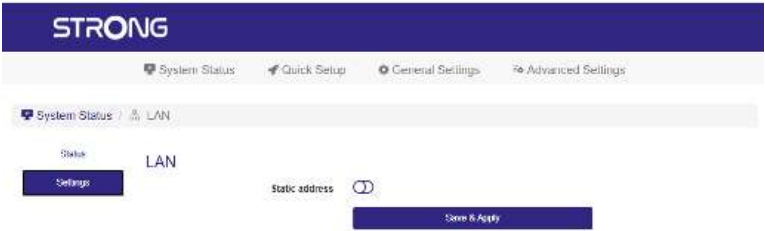


Fig. 32 — System Status > LAN — settings, automatic address

Switched on, the same page reveals the fields needed to fix the address manually.

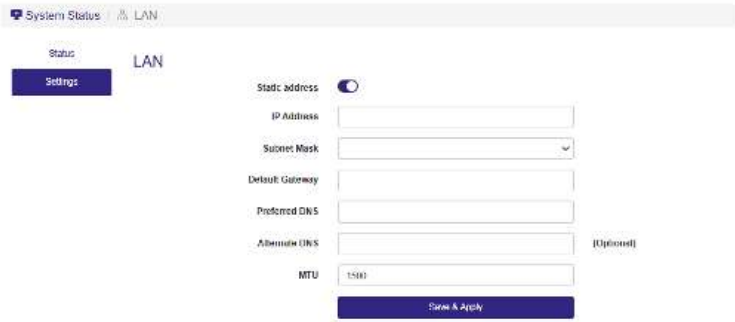


Fig. 33 — System Status > LAN — settings, static address

**⚠ IMPORTANT**

Only set a static address if you know the addressing plan of your network. An address outside the range of your router, or one already used by another device, makes the Web UI unreachable and forces a factory reset.

**1.6 System**

The System card gives the firmware version, the local time and the uptime. Its detail page has four sub-menus.

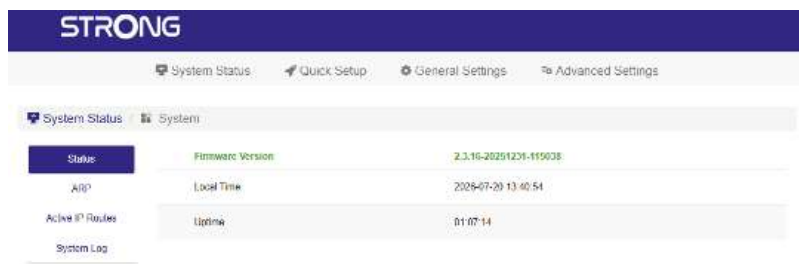


Fig. 34 — System Status &gt; System — status



Fig. 35 — System Status &gt; System — ARP table

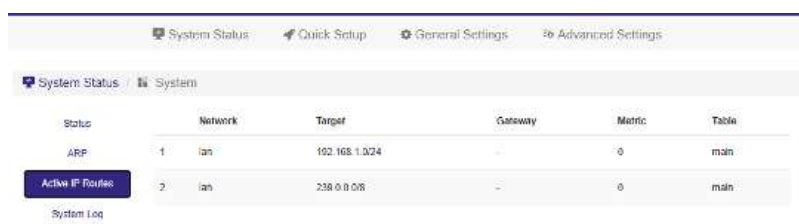


Fig. 36 — System Status &gt; System — active IP routes

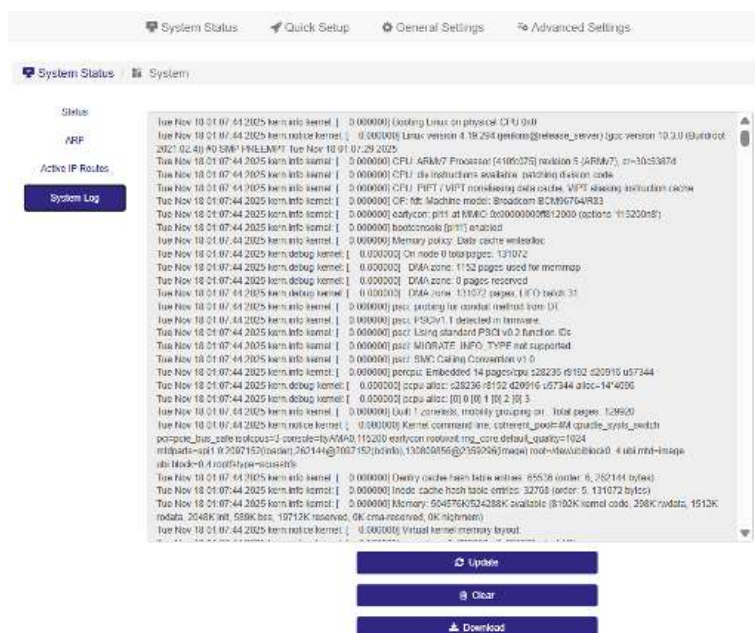


Fig. 37 — System Status &gt; System — system log

| Sub-menu         | Contents                                                                               |
|------------------|----------------------------------------------------------------------------------------|
| Status           | Firmware version, local time and uptime. The version to quote when contacting support. |
| ARP              | Correspondence between the IP addresses and the MAC addresses seen by the repeater.    |
| Active IP Routes | Routing table currently in use.                                                        |



| Sub-menu   | Contents                                                                                                                                |
|------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| System Log | Detailed event log. Update refreshes it, Clear empties it and Download saves it as a file — useful when reporting a problem to support. |

2. Quick Setup

The Quick Setup tab reopens the same five-step wizard used at first configuration, described in detail in sections II.4 and II.5. Use it whenever you want to change the operating mode, attach the repeater to a different host network, or start again from a clean wireless configuration.

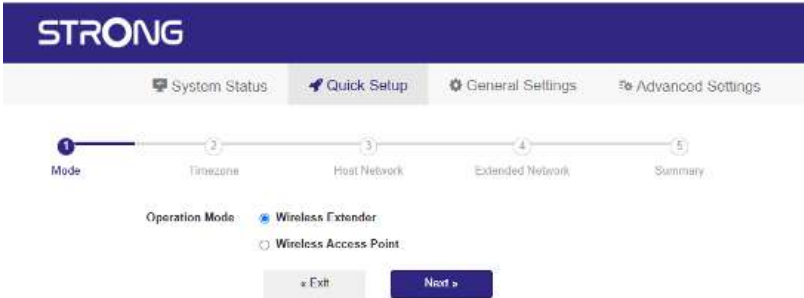


Fig. 38 — Quick Setup — wizard reopened from the main navigation

**NOTE**

Running the wizard again ends with a reboot, and your devices are briefly disconnected. If you only need to change a network name or a password, use General Settings instead — it applies the change without restarting the whole configuration.

3. General Settings

General Settings groups the three pages you are most likely to visit after the initial setup. A vertical menu on the left gives access to Wireless 2.4G, Wireless 5G and Host Network.

3.1 Wireless 2.4G

The basic view exposes the four fields that matter day to day.

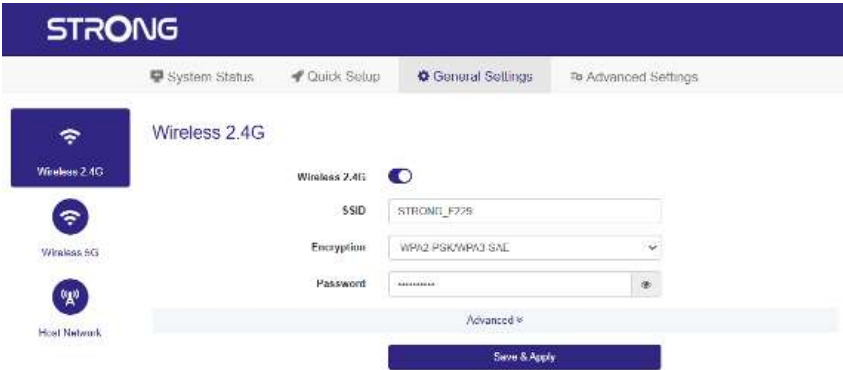


Fig. 39 — General Settings > Wireless 2.4G — basic view

Clicking Advanced unfolds the radio parameters.

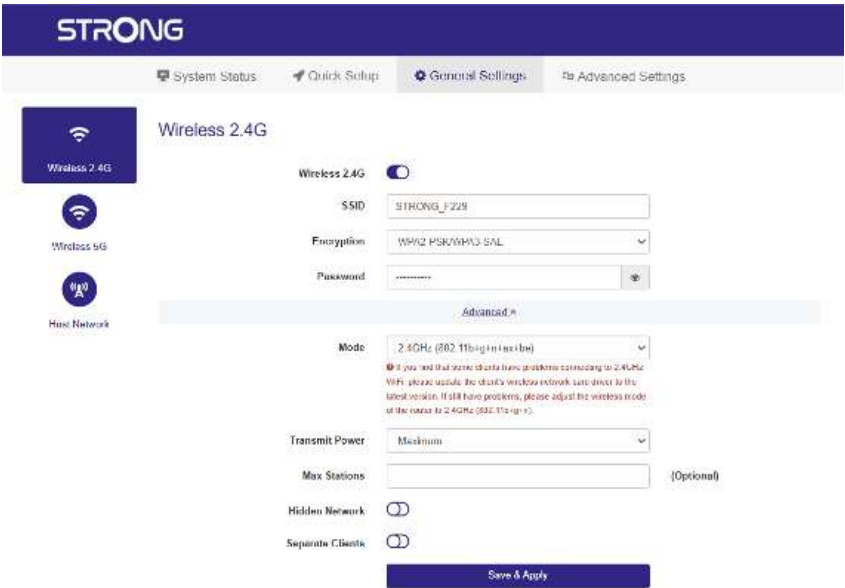


Fig. 40 — General Settings > Wireless 2.4G — advanced view

| Field            | Meaning                                                                                                                                                                       |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Mode             | 802.11 standards accepted on the band. Keep the default. If an old device cannot connect, selecting a more permissive mode such as 802.11b+g+n often solves it.               |
| Transmit Power   | Radio power. Maximum by default. Reducing it makes sense only to limit overlap between several access points.                                                                 |
| Max Stations     | Optional limit on the number of simultaneous clients on this band. Leave empty for no limit.                                                                                  |
| Hidden Network   | When enabled, the network name is no longer broadcast. Clients must then type it manually. This is a comfort setting, not a real security measure.                            |
| Separate Clients | When enabled, clients connected to this band can reach the Internet but cannot see each other. Convenient for a guest network, but it also blocks printers and media sharing. |

3.2 Wireless 5G

The 5 GHz page offers exactly the same fields, with the modes proper to that band.

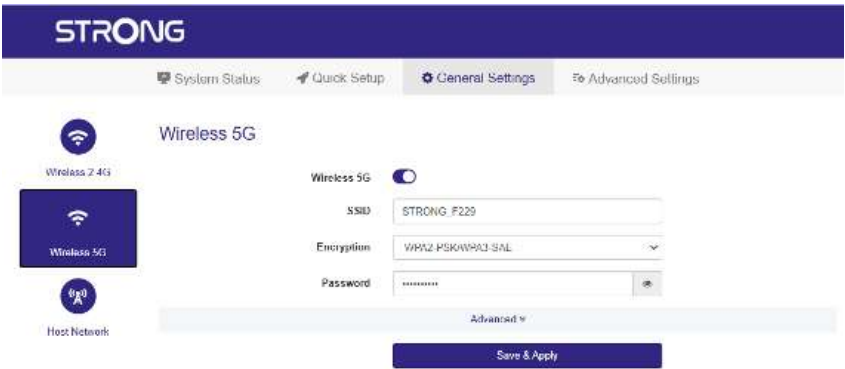


Fig. 41 — General Settings > Wireless 5G — basic view

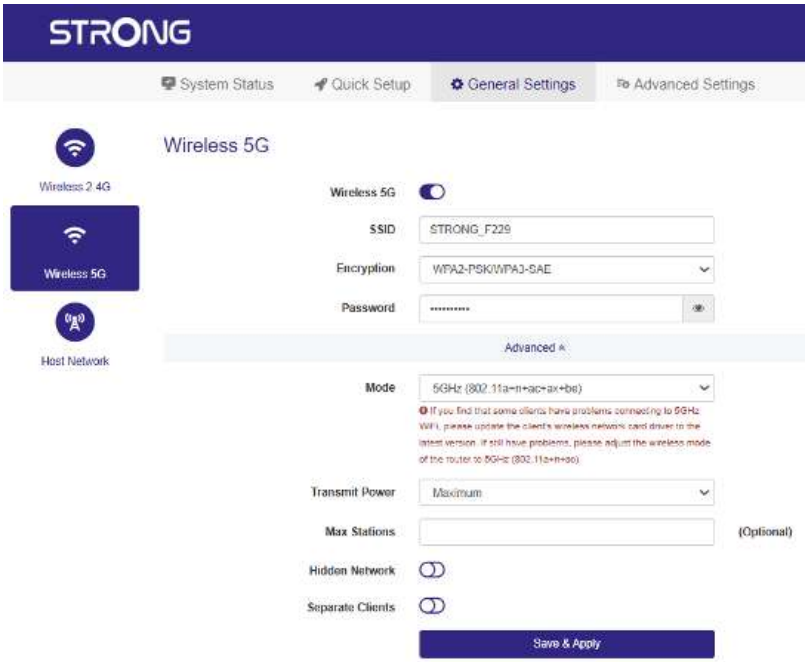


Fig. 42 — General Settings > Wireless 5G — advanced view

3.3 Host Network

This page shows which network the repeater is currently extending and lets you change it. Click Scan to open the survey of the networks in range and pick a new one, exactly as in step 3 of the wizard.

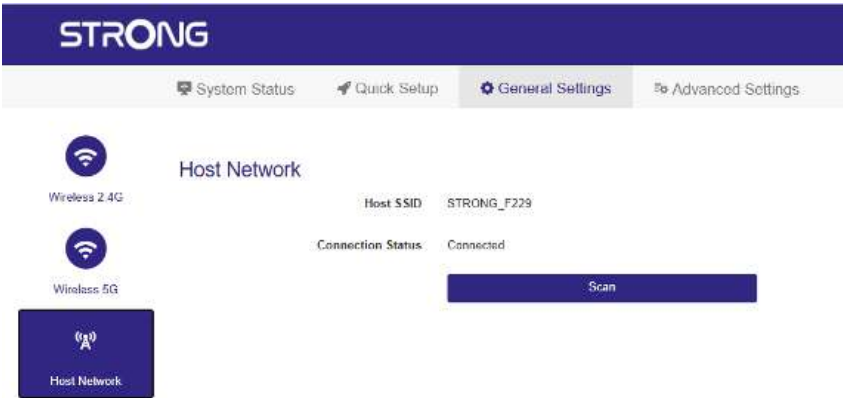


Fig. 43 — General Settings > Host Network

4. Advanced Settings

The Advanced Settings tab is an icon board split into two groups: Network, which contains the LAN page, and System, which contains the nine maintenance functions of the repeater.

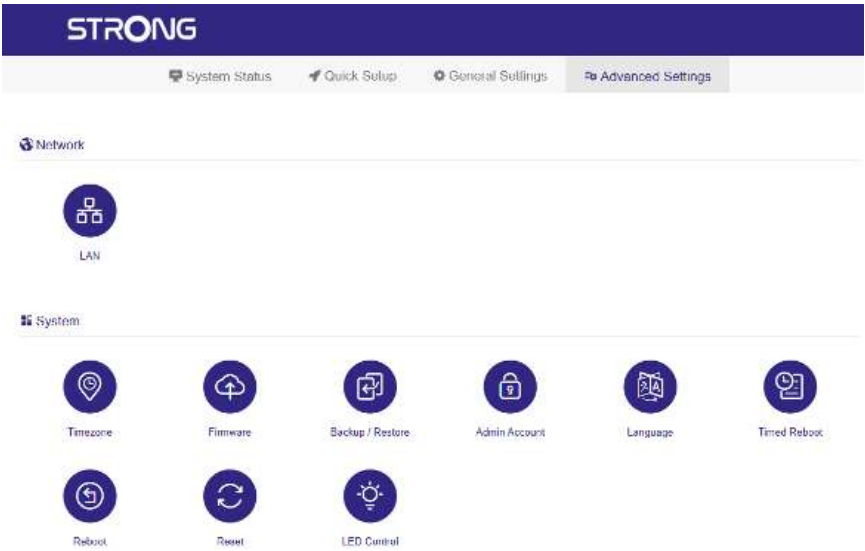


Fig. 44 — Advanced Settings — overview

4.1 Network > LAN

Opens the same dialogue as System Status > LAN > Settings. Left off, the Static address toggle lets the router assign the address of the repeater automatically.



Fig. 45 — Advanced Settings > Network > LAN — automatic address

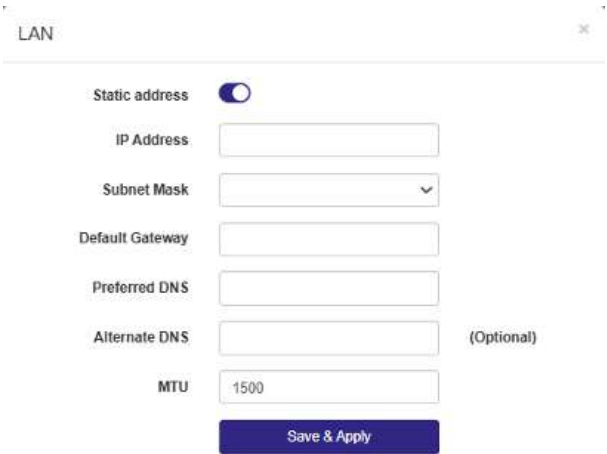


Fig. 46 — Advanced Settings > Network > LAN — static address

4.2 System > Timezone

Sets the time zone used by the log and by the Timed Reboot function. The current local time is displayed under the drop-down list so you can check the setting immediately.

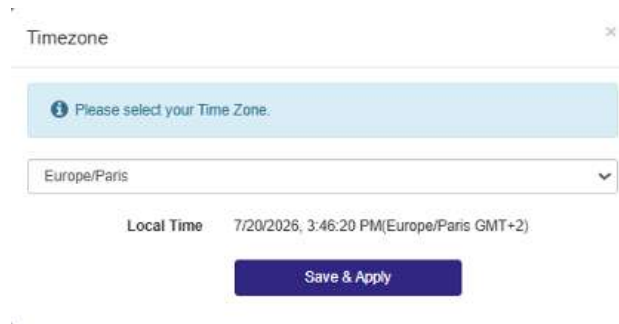


Fig. 47 — Advanced Settings > System > Timezone

### 4.3 System > Firmware

Displays the firmware version currently installed and lets you install a new one. Download the file from the STRONG support site, click Browse to select it, and start the update.

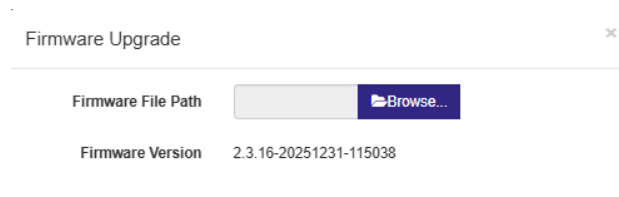


Fig. 48 — Advanced Settings > System > Firmware

#### **⚠ IMPORTANT**

Never unplug the repeater during a firmware update. An interrupted update can render the product unusable. Use only firmware files published by STRONG for this exact model.

### 4.4 System > Backup / Restore

Saves your complete configuration to a file, and reloads it later. Take a backup once your installation works well: restoring it is far quicker than reconfiguring everything by hand.

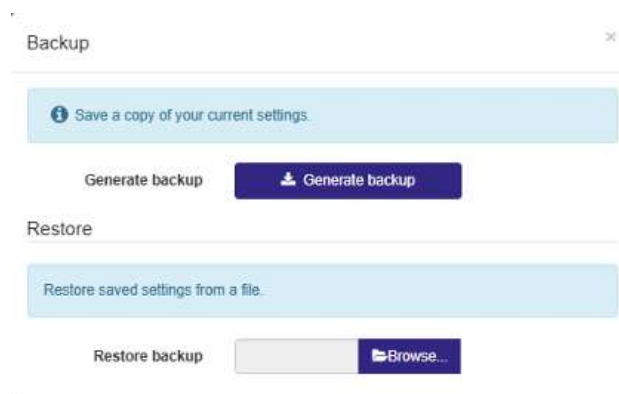


Fig. 49 — Advanced Settings > System > Backup / Restore

### 4.5 System > Admin Account

Changes the password protecting the Web UI. Enter the current password, then the new one twice.

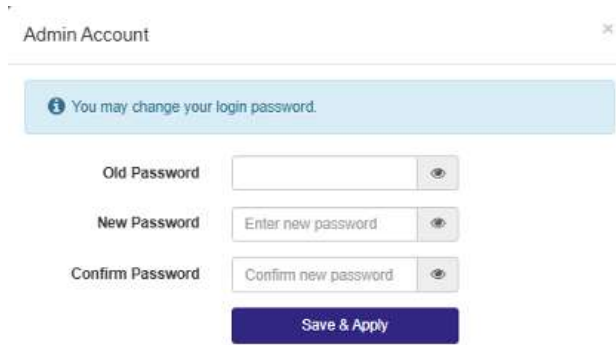


Fig. 50 — Advanced Settings > System > Admin Account

## 4.6 System > Language

Sets the display language of the Web UI for your repeater.



Fig. 51 — Advanced Settings > System > Language

## 4.7 System > Timed Reboot

Restarts the repeater automatically at a chosen time. Switched off by default.

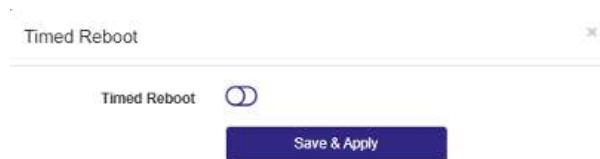


Fig. 52 — Advanced Settings > System > Timed Reboot — disabled

Switching the toggle on reveals the schedule fields.

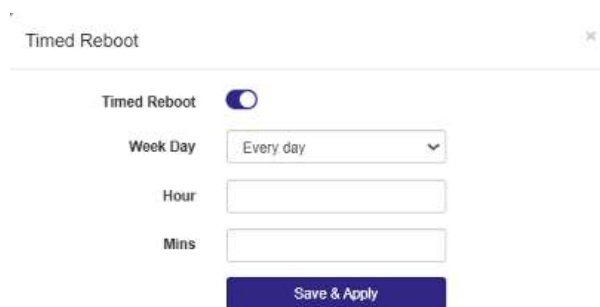


Fig. 53 — Advanced Settings > System > Timed Reboot — enabled

### TIP

A weekly reboot scheduled in the middle of the night keeps a heavily used installation responsive, at no cost to you. Make sure the time zone is correct first, otherwise the reboot will not happen when you expect it.

## 4.8 System > Reboot

Restarts the repeater immediately, without changing any setting. This is the first thing to try when the extended network becomes slow or unstable.

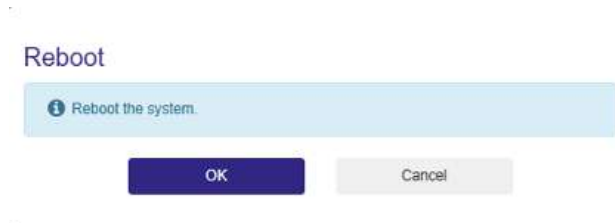


Fig. 54 — Advanced Settings > System > Reboot

## 4.9 System > Reset

Restores the factory settings. The dialogue reminds you of the values the repeater will revert to: the default IP address and the default network name.

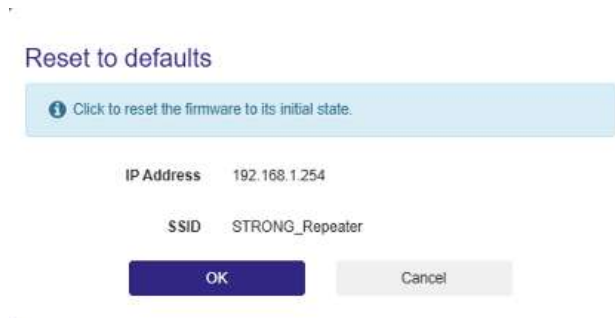


Fig. 55 — Advanced Settings > System > Reset

### ⚠ IMPORTANT

A reset erases every setting, including the Web UI password, the host network pairing and the names of your extended networks. You will have to run the whole setup wizard again.

## 4.10 System > LED Control

Switches the three front indicators off, which is welcome in a bedroom or a living room.

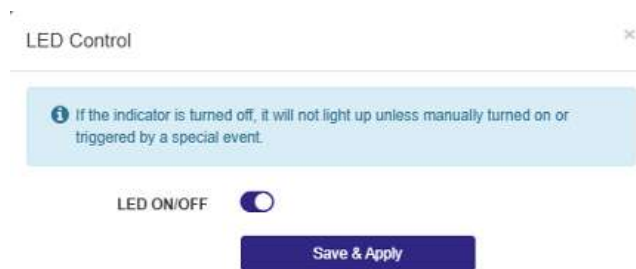


Fig. 56 — Advanced Settings > System > LED Control

### **i** NOTE

Switching the LEDs off does not affect the operation of the repeater in any way, but you lose the placement indication given by the Wi-Fi LED. Turn them back on if you ever need to move the repeater to another socket.

5. The Web UI in Wireless Access Point mode

The interface is the same in both modes, with one structural difference: there is no host network, since the repeater is fed by a cable. Every page related to the wireless link with the router therefore disappears.

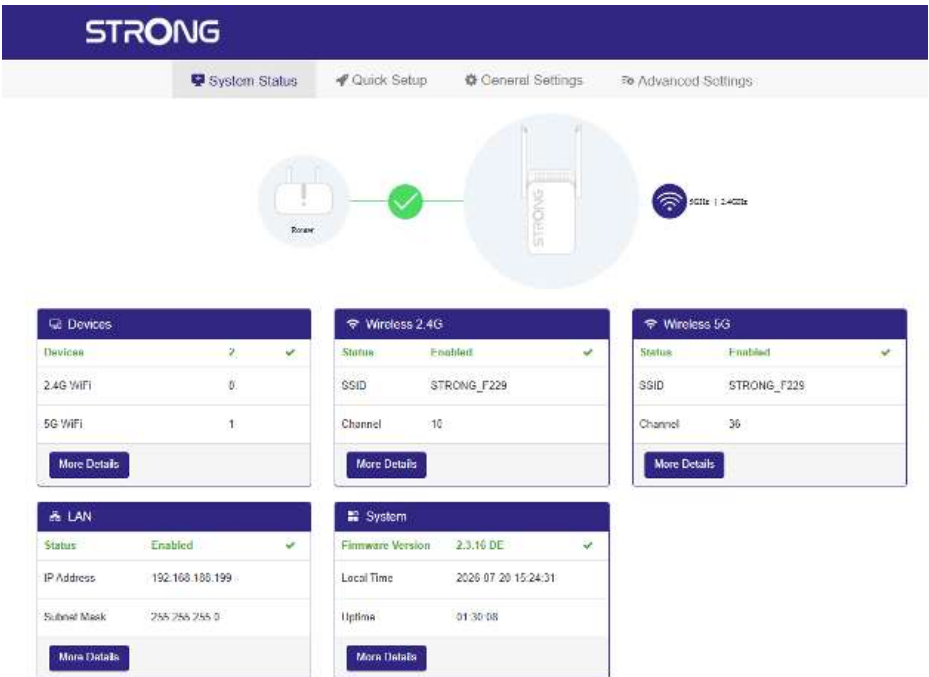


Fig. 57 — System Status > Dashboard — Wireless Access Point mode

| Element                                          | Wireless Extender                                                             | Wireless Access Point                                                    |
|--------------------------------------------------|-------------------------------------------------------------------------------|--------------------------------------------------------------------------|
| Host Network card and pages                      | Present                                                                       | Absent                                                                   |
| Dashboard diagram                                | Wireless link between router and repeater                                     | Wired link between router and repeater                                   |
| Wizard step 3                                    | Scan and selection of the host network                                        | Reminder to connect the Ethernet cable                                   |
| Wizard step 4                                    | Extended Network — names copied or suffixed, password inherited from the host | Wireless — name, encryption and password set independently for each band |
| Devices, Wireless 2.4G, Wireless 5G, LAN, System | Identical                                                                     | Identical                                                                |

The Devices, LAN and System pages behave exactly as in extender mode.

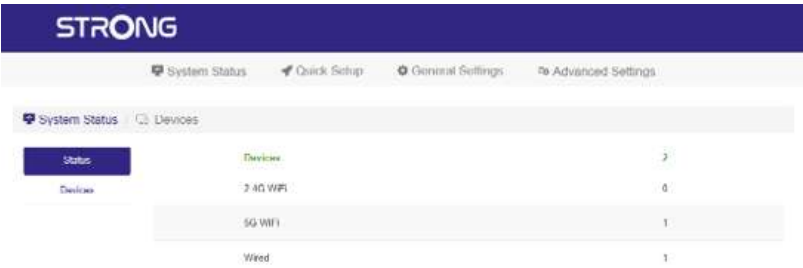


Fig. 58 — System Status > Devices — Wireless Access Point mode



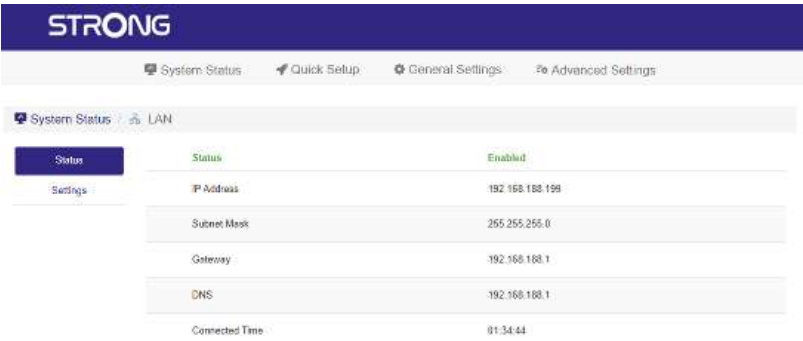


Fig. 59 — System Status > LAN — Wireless Access Point mode

## IV. Common operations

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Short recipes for the tasks you are most likely to perform once the repeater is installed. Each of them starts from the Web UI at <http://setup.strong>.

### 1. Renaming the extended network or changing its password

1. Open General Settings > Wireless 2.4G.
2. Edit the SSID field, and the Password field if the network is not inheriting the key of the host network.
3. Click Save & Apply, then repeat on the Wireless 5G page.
4. Reconnect your devices to the new name.

#### **i** NOTE

In Wireless Extender mode the password of the extended network is inherited from the host network and cannot be changed here. To change it, change the Wi-Fi password on your router, then re-run the wizard so the repeater picks up the new key.

### 2. Attaching the repeater to a different Wi-Fi network

The best option is to go to “**Quick Setup**”. But you can do it with the following procedure :

1. Open General Settings > Host Network.
2. Click Scan and wait for the survey to finish.
3. Click Connect on the line of the new network, enter its password and confirm.
4. Check in System Status > Host Network that the Status field reads Connected.

### 3. Switching between Extender and Access Point mode

1. If you are switching to Wireless Access Point mode, connect an Ethernet cable between a LAN port of your modem or router and the Gigabit Ethernet port of the repeater first.
2. Open the Quick Setup tab.
3. Select the new operating mode and follow the five steps of the wizard.
4. Click Save & Apply on the summary page and wait for the repeater to restart.

### 4. Connecting a device by cable

In Wireless Extender mode, the Gigabit Ethernet port acts as a wired outlet on your extended network. Connect a television, a games console, a desktop computer or a network printer to it and it joins your home network without any configuration.

**TIP**

This is a good way to give a full-speed connection to a device that has no Wi-Fi, or one whose Wi-Fi is unreliable, in a room your router cannot reach.

## 5. Updating the firmware

1. Download the firmware file for the REPEATERBE3600 from the STRONG support website.
2. Open Advanced Settings > System > Firmware and note the version currently installed.
3. Click Browse, select the downloaded file and start the update.
4. Wait for the repeater to restart on its own, without unplugging it, then log in again and check the new version in System Status > System.

## 6. Backing up and restoring the configuration

1. Open Advanced Settings > System > Backup / Restore.
2. Click Generate backup and save the file on your computer.
3. To restore it later, return to the same page, click Browse in the Restore section and select the file.
4. The repeater restarts with the restored configuration.

**TIP**

Take a backup as soon as your installation is stable, and take another one before every firmware update.

## 7. Restoring the factory settings

Two routes are available. Use the Web UI if you can still log in, and the pinhole if you cannot.

| Method                 | Procedure                                                                                                                                                                               |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| From the Web UI        | Advanced Settings > System > Reset, then confirm with OK.                                                                                                                               |
| With the Reset pinhole | With the repeater plugged in and started, insert a straightened paper clip in the pinhole on the side and hold it for about 10 seconds, until the LEDs flash and the repeater restarts. |

After a reset, the repeater returns to the address 192.168.1.254 and broadcasts its default network again. Reconnect to it and run the setup wizard from the beginning, as described in section II.

## 8. Switching the LEDs off

1. Open Advanced Settings > System > LED Control.
2. Switch the LED ON/OFF toggle off.
3. Click Save & Apply.

## 9. Scheduling an automatic reboot

1. Check first that the time zone is correct in Advanced Settings > System > Timezone.
2. Open Advanced Settings > System > Timed Reboot and switch the toggle on.
3. Choose the Week Day, then the Hour and the Mins.
4. Click Save & Apply.

## 10. Changing the Web UI password or language

The login password is changed in Advanced Settings > System > Admin Account: type the current password, then the new one twice. The display language is changed in Advanced Settings > System > Language.

### NOTE

If you have forgotten the Web UI password, there is no recovery procedure. The only option is a factory reset with the pinhole, followed by a complete reconfiguration.

## V. Technical specifications

### 1. Wi-Fi connectivity

| Specification    | Value                                                  |
|------------------|--------------------------------------------------------|
| Wi-Fi standard   | Wi-Fi 7 (802.11be)                                     |
| Wi-Fi speed      | 3.6 Gbps                                               |
| Wi-Fi technology | Dual-band simultaneous 2.4 GHz + 5 GHz                 |
| Bands            | 2.4 GHz and 5 GHz                                      |
| Wi-Fi streams    | 4 (2 + 2)                                              |
| Detailed speed   | 3 570 Mbps (688 Mbps at 2.4 GHz + 2 882 Mbps at 5 GHz) |
| Antennas         | 2 external, 5 dBi                                      |
| Wireless range   | Up to 150 m in open field                              |
| Security         | WPA/WPA2 & WPA2 / WPA2/WPA3 & WPA3                     |
| WPS button       | Yes                                                    |

### 2. Wired connectivity

| Specification | Value                         |
|---------------|-------------------------------|
| LAN port      | 1 × 1 000 Mbps (1 Gbps) RJ-45 |

### 3. Specific features

| Specification                                                             | Value                      |
|---------------------------------------------------------------------------|----------------------------|
| Connection to the ISP box over Wi-Fi                                      | Yes                        |
| Connection to the ISP box over the wired port or in-wall Ethernet cabling | Yes                        |
| Wi-Fi naming                                                              | Can be customised          |
| Smart LED system (find the best location in your home)                    | 1 status LED (blue or red) |

### 4. Convenience

| Specification                    | Value                                                      |
|----------------------------------|------------------------------------------------------------|
| Installation with the product UI | Yes                                                        |
| Warranty                         | 4 years                                                    |
| Package contents                 | 1 × Repeater, 1 × Quick Installation Guide                 |
| Interface languages              | BG, CZ, DE, DK, EN, ES, FR, HR, HU, IT, NO, PL, PT, SE, UA |

### 5. General data

| Specification | Value                                  |
|---------------|----------------------------------------|
| Power supply  | Direct plug-in power supply, 100–240 V |

| Specification                        | Value                        |
|--------------------------------------|------------------------------|
| Operating temperature                | 0 °C to +50 °C               |
| Storage temperature                  | −40 °C to +70 °C             |
| Operating humidity                   | 10 % to 90 %, non-condensing |
| Storage humidity                     | 5 % to 90 %, non-condensing  |
| Dimensions with antennas (W × D × H) | 77.8 × 49 × 222.8 mm         |
| Weight                               | 290 g                        |
| EAN REPEATERBE3600                   | 9120137872927                |
| EAN REPEATERBE3600X                  | 9120137872941                |

## 6. Legal notice

This product complies with the applicable European directives. The CE mark certifies its compliance. STRONG is a registered trademark, a subsidiary of Skyworth.

Wi-Fi, WPA and WPA2 are registered trademarks of Wi-Fi Alliance®. All other product names are trademarks or registered trademarks of their respective owners.

Data throughput, distance, signal range and coverage area are given for reference only and are based on performance test results under normal use conditions. Actual performance is not guaranteed and may vary depending on the operating environment, the distance and positioning of the products, the mix of products used, building materials, and wireless or electrical interference.

As a consequence of continuous research and development, technical specifications, designs and the appearance of the products may change without notice.

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