

KEENETIC SPEEDSTER

Quick Start Guide

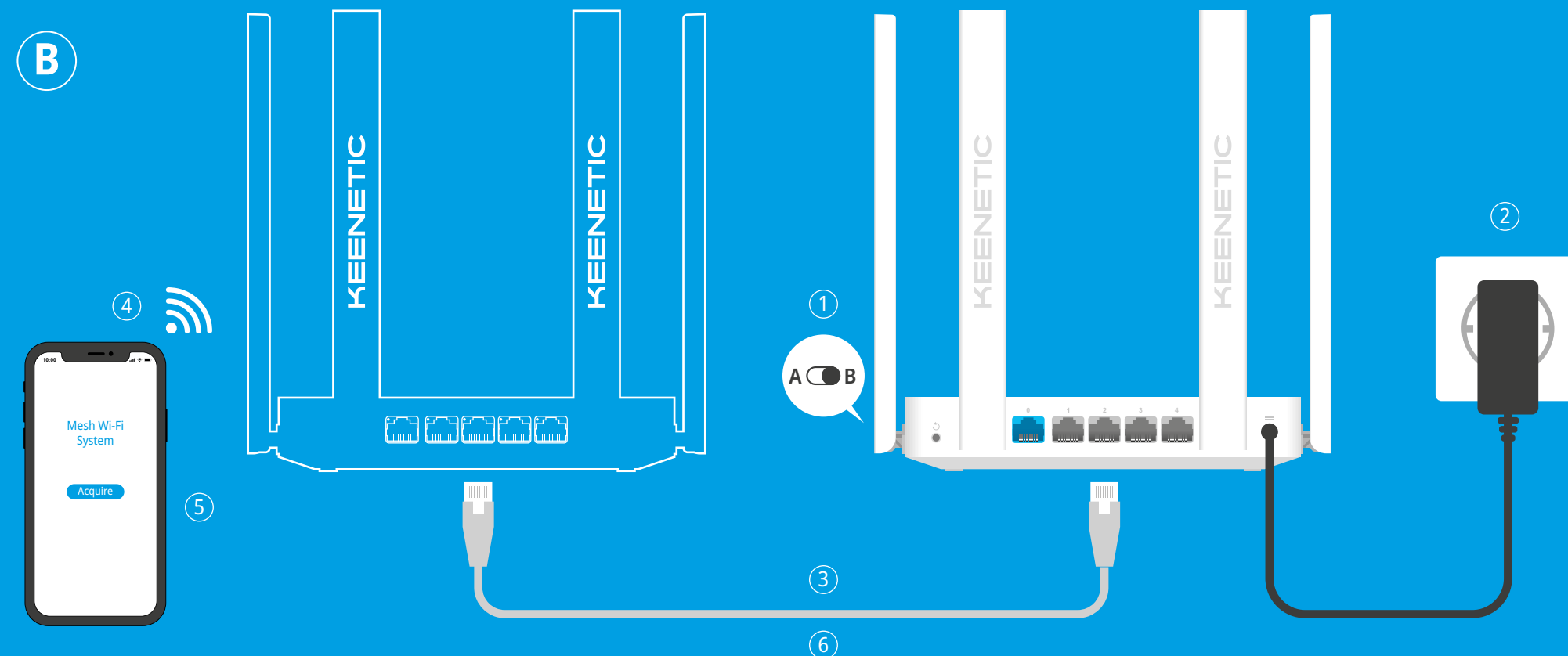
AC1200 Dual Band Mesh Wi-Fi Gigabit Router/Extender
with Dual Core CPU and a 5-Port Gigabit Smart Switch
Model: KN-3010

Creating a New or Extending an Existing Network

Keenetic routers deliver reliable, continuous, and secure Wi-Fi throughout your home. Starting with one main Keenetic router, as your demands increase, you can add more Keenetic devices to act as Wi-Fi extenders to create a centrally managed multi-node Mesh Wi-Fi System.

If you are creating a new network and this Keenetic Speedster (hereinafter 'Keenetic device') is going to be your Main Router, go to **Section A**.

If you are extending an existing network and this Keenetic device is to act as a Wi-Fi extender, go to **Section B**.



A. Connecting Your Keenetic Speedster to the Internet

- 1 Set the physical Operating Mode switch located on the side panel to position **A** — Router Mode.
- 2 Position your Keenetic device within cable lengths of Ethernet and power outlets. Place your Keenetic device in an open area for better wireless coverage. Connect your Keenetic device to a power source. Check that both the Status LED and Wi-Fi LED are illuminated and not blinking.
- 3 Connect a mobile device to your Keenetic device via Wi-Fi. The default Wi-Fi name (SSID) and Wi-Fi password are printed on your Keenetic device's back label along with a QR code that will automatically connect your mobile device to the Keenetic device's Wi-Fi when scanned. Alternatively, connect a computer to any of the gray Ethernet ports on your Keenetic device using the included Ethernet cable.
- 4 Once connected, an Initial Setup Wizard window will appear on your mobile device / computer. If the Wizard does not appear, using a browser go to **my.keenetic.net** and follow the setup instructions.

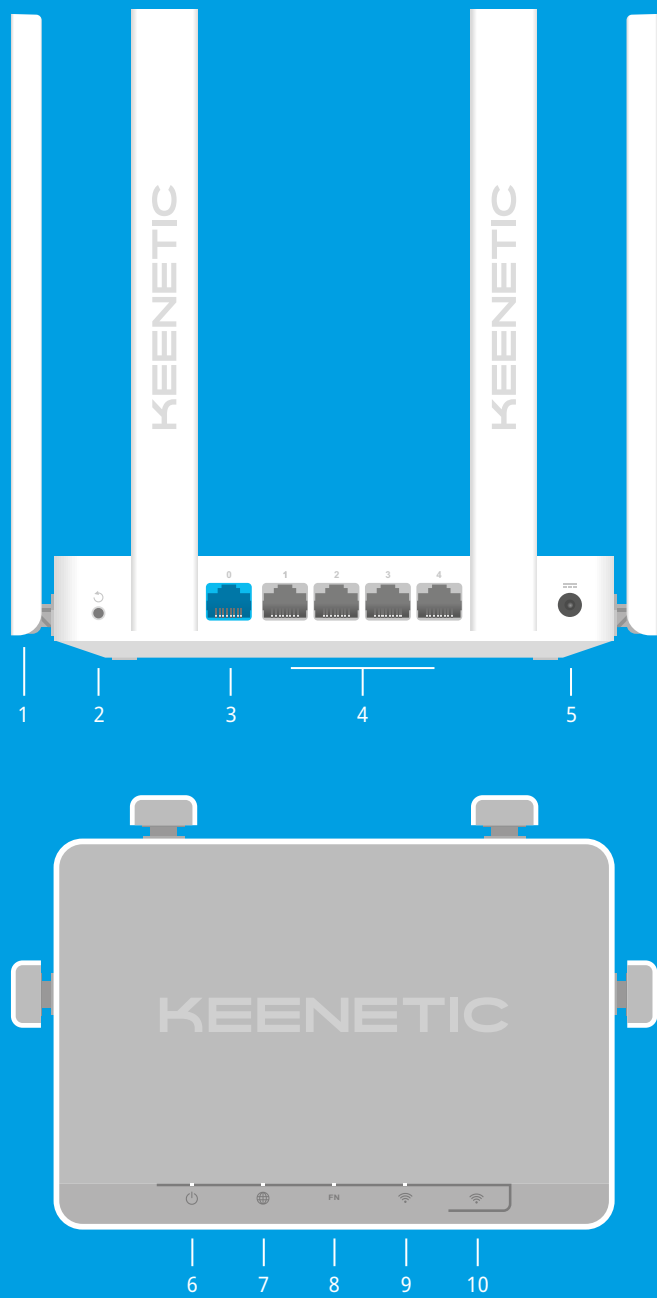
Note: If the Initial Setup Wizard still doesn't appear, please refer to the Frequently Asked Questions section below.

B. Extending Your Existing Network Coverage

- 1 On the Keenetic device you wish to be a Mesh Wi-Fi Extender, set the Operating Mode switch located on the side panel to position **B** — Extender Mode.
- 2 Connect your Keenetic device to a power source. Check that both the Status LED and Wi-Fi LED are illuminated and not blinking.
- 3 Make sure your Keenetic Main Router is active and has an Internet connection. Connect the 'Extender' Keenetic device to your Keenetic Main Router using an Ethernet cable (as supplied). Alternatively you can connect Keenetic devices wirelessly by placing them near to each other and simultaneously pressing the Wi-Fi buttons on both devices. Check that the Internet LED on the 'Extender' is illuminated.
- 4 Connect a mobile device / computer to your Keenetic Main Router network.
- 5 Launch a web browser and go to **my.keenetic.net** and log in to the Main Router or launch the Keenetic Mobile Application. Then choose the **Wi-Fi System** section and click **Acquire** to add an extender candidate to your Wi-Fi System. Wait for the process to complete.
- 6 Disconnect the acquired Extender from the Main Router and place the Extender where you want in your home to expand your Wi-Fi network. A Keenetic Mesh Wi-Fi System supports both wireless and wired connections between the Main Router and Extenders. To maximize your network performance use wired connections where possible. The Internet LED on the Extender will illuminate when it has connected successfully to your network.

For technical support or other information, please visit

help.keenetic.com



LED Lights, Antennas, Buttons and Ports

1. Wi-Fi Antennas

Four fixed precision printed dipole Wi-Fi antennas with 5 dBi gain. We recommend keeping the antennas in a vertical position.

2. Reset Button

Restores the original factory settings and resets the administrator password. For instructions on how to reset your Keenetic device to factory settings, see the Frequently Asked Questions section below.

3. Network Port 0

The blue port, marked 0, is preconfigured for Internet connection.

4. Network Ports 1, 2, 3 & 4

By default, these ports are intended for home devices, but they can be reconfigured and used to connect to the Internet.

5. DC Power Socket

For use with the power adapter supplied in the package. The Keenetic device is designed for continuous operation and does not need to be powered off daily.

6. Status LED

Solid green — Ready for operation.

Blinking green — Rebooting or updating the operating system.

Rapidly blinking for 2 seconds followed by continuous illumination — An FN Button or Wi-Fi Button has been pressed, and the function assigned to that button has started.

Rapidly blinking for 2 seconds followed by no illumination — An FN Button or Wi-Fi Button has been pressed, and the function assigned to that button was stopped.

Off — Off.

7. Internet LED

Solid green — Internet connection is established.

Off — No Internet connection.

8. FN LED

By default, it shows that an update for the KeeneticOS is available. The purpose of this LED can be changed in the settings.

On — An update is available.

Off — No updates available.

9. Wi-Fi LED

Solid green — Wi-Fi network enabled.

Blinking green — Transferring data.

Blinking slowly — Quick connection session (WPS) in progress.

Off — Wi-Fi network disabled.

10. Wi-Fi Control Button

By default, this button allows you to easily add extenders to the Keenetic Mesh Wi-Fi System, or other WPS-compliant devices to the wireless network.

Pressing it once — Starts a quick connection session for adding a new device.

Pressing and holding for 3 seconds — Turns the Wi-Fi on or off.

You can assign other functions to this button if necessary.

11. Operating Mode Switch A-B

A — Router Mode (main)

B — Extender Mode

Frequently Asked Questions

What should I do if I can't access the Initial Setup Wizard page or the Keenetic Web Interface page?

1. Make sure that your mobile device / computer is connected to your Keenetic device (in Router Mode) via Wi-Fi or an Ethernet cable and set up to obtain an IP address and DNS servers automatically.
2. Check that you have correctly entered the appropriate Keenetic device web address: either **my.keenetic.net** (recommended) or **192.168.1.1** or **192.168.2.1**.
3. Reboot your mobile device / computer and your Keenetic device.
4. If the Initial Setup Wizard page is still not appearing, please follow the instructions below to reset your Keenetic device.

What should I do if I can't access the Internet with my Keenetic device?

1. If the Internet LED on the Main Router is not illuminated, consult your ISP to make sure that that service is available, and that you are using the correct connection parameters, e.g. account login and password, authentication protocol, MAC address, etc. Make the necessary changes.
2. If the Internet LED on the Main Router is illuminated, please check the wired or Wi-Fi connections between your Keenetic Main Router and home devices, including any Keenetic extenders.

Can I connect a Keenetic Extender to a Non-Keenetic Main Router?

Absolutely. Press the Wi-Fi button on your Keenetic in Extender Mode. Within two minutes start a WPS session on your Main Router by pressing the appropriate button on the Non-Keenetic device. A Keenetic Extender will adopt the wireless network name and password of the Main Router. The Internet LED on the Extender will illuminate when it has connected successfully to your network. To configure the repeater settings,

first open the user interface of the Main Router to determine the IP address assigned to your Keenetic Extender. Then, enter that IP address in the web browser to open the Web Interface on the Keenetic Extender to make necessary changes.

What should I do if I forget my wireless password?

The default password for connecting to the Wi-Fi network can be found on a sticker on the back of your Keenetic device. If the default Wi-Fi password has been changed and subsequently lost, the changed password can be retrieved or reset by logging in to **my.keenetic.net** or in the Keenetic Mobile Application.

What should I do if I forget my Web Interface page password?

To create a new password, please follow the instructions to restore the factory settings on your Keenetic device in the question below.

How do I reset/restore the original factory settings on my Keenetic device?

Make sure that your Keenetic device is connected to a power supply. Press and hold the Reset Button until the Status LED begins to blink rapidly, release the Reset Button and wait while your device restarts.

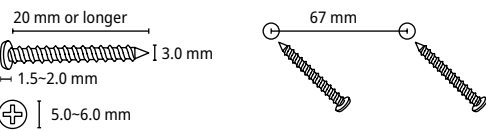
Important: After restoring factory settings, you will need to reconfigure your Internet connection and re-add extenders to your Mesh Wi-Fi System.

What's in the Box

- 1 Router preloaded with KeeneticOS
- 1 Level VI energy-efficient 100~240 V power adapter
- 1 Ethernet cable
- 1 Quick Start Guide (multilingual)
- 1 Quick Start Guide (English)

Safety Instructions

- Your Keenetic device is ONLY for indoor use — NEVER use it outside.
- Before use, remove protective labels from your Keenetic device, and ensure vents are unblocked.
- Never use your Keenetic device in an enclosed space, and ensure that the Keenetic-supplied power adapter is always easily accessible.
- ONLY use a Keenetic-supplied power adapter — cease to use any damaged adapter IMMEDIATELY.
- Your Keenetic device and its power adapter contain no user-serviceable parts — DO NOT OPEN.
- Keep your Keenetic device away from water, excessive humidity or heat, and direct sunlight.
- Your Keenetic device can be safely wall-mounted using two screws, firmly attached, on any wall surface strong enough to support 4 times the device's weight.



Certification Information

Keenetic Limited hereby declares that this device is in compliance with all relevant provisions of directives 2014/53/EU, 2009/125/EC, and 2011/65/EU. Details of the original EU declaration may be found at **keenetic.com** within details on specific model pages.

This device complies with EU radiation exposure limits set forth for an uncontrolled environment.

This equipment should be installed and operated with a minimum distance of 20 cm between the antennas and a person's body.

The frequency and the maximum transmitted power for your device, per the requirements of the EU are listed below:
2400-2483,5 MHz: 20 dBm; 5150-5350 MHz: 23 dBm;
5470-5725 MHz: 30 dBm. This device will support DFS and TPC functionality while operating in the 5 GHz band.

	AT	BE	BG	CH	CY	CZ	DE
	DK	EE	EL	ES	FI	FR	HR
	HU	IE	IS	IT	LI	LT	LU
	LV	MT	NL	NO	PL	PT	RO
	SE	SI	SK	TR	UA	UK	

This device is restricted to indoor use only when operating in 5150 to 5350 MHz frequency range (channels 36 - 64).

Per (EC) No 1275/2008, the power consumption in networked standby if all wired network ports are connected and all wireless network ports are activated is 5,3 W

Device Warranty

For the most up to date Warranty Information, please visit our website **keenetic.com/legal**.

Your Keenetic device comes with a non-transferable 3-year warranty from the documented date of purchase (including your 2-year European Limited Warranty). Valid claims in case of a defect will be honored subject to local legal requirements.

Disposal

In accordance with European directives, your Keenetic device, including the power adapter and cables may not be disposed of with general household waste. Consult your local authority or your supplier for information about disposal.



Notice

When you use your Keenetic device (including when you connect your Keenetic device the first time), Keenetic Limited will process certain personal data about you, e.g., service tag, serial number, model name, software version, and IP address of your Keenetic device.

For more information, please go to **keenetic.com/legal**.

If you are in the European Union / European Economic Area, Keenetic GmbH will process certain personal data about you, e.g., service tag, serial number, model name, software version, and IP address of your Keenetic device. Please read our Device Privacy Notice for the European Union / European Economic Area at **keenetic.com/legal**.