

Keenetic Buddy 5

Keenetic Buddy 5 AC1200 Wi-Fi 5 Mesh Range Extender User Manual

Model: KN-3311-01-EU

1. INTRODUCTION

The Keenetic Buddy 5 is a Wi-Fi 5 AC1200 Mesh Range Extender designed to expand and strengthen your existing wireless network coverage. It helps eliminate Wi-Fi dead zones and provides seamless, high-speed internet access throughout your home or office. This device supports dual-band Wi-Fi (2.4 GHz and 5 GHz) and features an Ethernet port for stable wired connections. Its compact design allows for flexible placement, and management is convenient via the Keenetic mobile application.

2. PRODUCT OVERVIEW

2.1 Key Features

- **Dual-Band AC1200 Wi-Fi:** Delivers speeds up to 300 Mbps on 2.4 GHz and 867 Mbps on 5 GHz for smooth streaming and online activities.
- **Seamless Roaming (802.11k/r/v):** Ensures uninterrupted connectivity as you move around your home within a Keenetic Mesh Wi-Fi system.
- **100 Mbps Ethernet Port:** Provides a stable wired connection for devices like gaming consoles or smart TVs.
- **Advanced Wi-Fi Technologies:** Includes MU-MIMO, Airtime Fairness, and Beamforming for efficient and reliable network performance with multiple devices.
- **Universal Compatibility:** Works with any standard Wi-Fi router to extend coverage.
- **Mobile App Management:** Control and monitor your network from anywhere using the Keenetic app for Android and iOS.
- **Enhanced Security:** Supports WPA3, multiple SSIDs, and guest access for a secure network environment.

2.2 Package Contents

- 1 x Keenetic Buddy 5 AC1200 Mesh Wi-Fi 5 Range Extender

2.3 Physical Description

The Keenetic Buddy 5 features a compact and minimalist design, typically in a white casing with two external antennas. An LED indicator on the front provides status information. The device is designed to plug directly into a wall outlet, minimizing clutter.



Image: Front view of the Keenetic Buddy 5 Wi-Fi Range Extender, showing its compact design and antennas.

Compact design

Fits seamlessly into any space



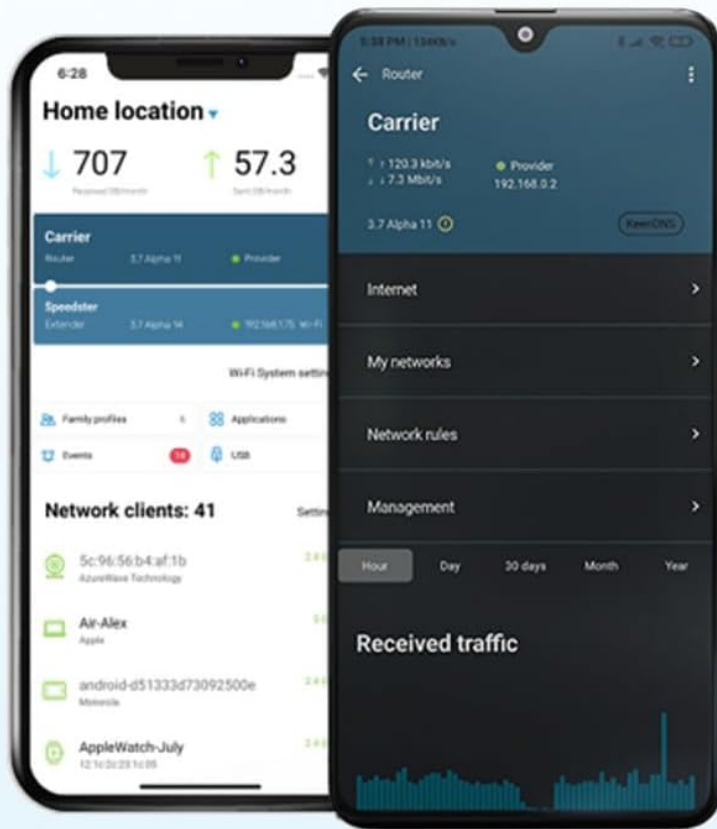
Image: Diagram illustrating the compact dimensions (68mm x 128mm x 41mm) of the Keenetic Buddy 5, highlighting its ability to fit discreetly into various spaces.

3. SETUP GUIDE

Setting up your Keenetic Buddy 5 is a straightforward process, often referred to as plug-and-play. Follow these steps for initial configuration:

1. **Power On:** Plug the Keenetic Buddy 5 into a power outlet in a location where you want to extend your Wi-Fi coverage. Ensure it is within range of your main router's Wi-Fi signal.
2. **Connect to the Device:** Wait for the device to power on and its indicator light to stabilize. Connect your smartphone or computer to the Keenetic Buddy 5's default Wi-Fi network (SSID and password usually found on a label on the device).
3. **Configure via App or Web Interface:** Open the Keenetic mobile app (available for Android and iOS) or a web browser and navigate to the device's default IP address (e.g., 192.168.1.1 or my.keenetic.net). Follow the on-screen instructions to connect the Buddy 5 to your existing Wi-Fi network.
4. **Placement Optimization:** Once configured, you can relocate the Buddy 5 to an optimal position between your router and the area needing extended coverage. The indicator light will often change color or pattern to show signal strength.

Set up in few minutes with our intuitive app



Plug the device
into a power outlet



Configure the device
in the app



Control from
anywhere

Image: Visual guide showing the three simple steps for setting up the Keenetic Buddy 5 using the intuitive mobile app: plug into power, configure in the app, and control from anywhere.

4. OPERATING INSTRUCTIONS

Once set up, the Keenetic Buddy 5 operates as a seamless extension of your Wi-Fi network. It automatically extends both 2.4 GHz and 5 GHz bands, providing optimal performance for various devices.

4.1 Wi-Fi Extension

- The Buddy 5 extends your Wi-Fi signal, allowing devices to connect to the strongest available signal as they move within your home, especially when part of a Keenetic Mesh system.
- The 2.4 GHz band offers wider coverage, suitable for general browsing and smart home devices.
- The 5 GHz band provides faster speeds, ideal for high-bandwidth activities like HD streaming and online gaming.

Wi-Fi 5 AC1200

Optimized connectivity with
the latest networking technologies



Whole Home
& Mesh Wi-Fi



Hardware
offloading



Wired &
Wireless
Backhaul



Gigabit Port



802.11k/r/v
Seamless
Roaming

Image: Infographic detailing the Wi-Fi 5 AC1200 capabilities of the Keenetic Buddy 5, including Whole Home & Mesh Wi-Fi, Hardware offloading, Wired & Wireless Backhaul, Gigabit Port (note: product has 100Mbps Ethernet port), and 802.11k/r/v Seamless Roaming.

Ultra-fast performance powered by **Superior performance**



Image: Graphic displaying the performance capabilities of the Keenetic Buddy 5, showing 867 Mbps on the 5 GHz band and 300 Mbps on the 2.4 GHz band.

4.2 Ethernet Port Usage

The 100 Mbps Ethernet port on the Keenetic Buddy 5 allows you to connect a wired device, such as a desktop computer, smart TV, or gaming console, to your network. This provides a stable and reliable connection, bypassing potential wireless interference.

5. KEENETIC APP MANAGEMENT

The Keenetic mobile application (available for Android and iOS) provides comprehensive control over your network, even when you are away from home.

- **Network Monitoring:** View connected devices, real-time traffic, and network status.
- **Guest Networks:** Easily create separate Wi-Fi networks for guests, keeping your main network secure.
- **Content Filtering:** Implement parental controls and content restrictions.
- **Configuration Changes:** Adjust Wi-Fi settings, passwords, and other network parameters.

Simple remote control with the app for iOS and Android



Image: Screenshot of the Keenetic mobile app interface on a smartphone, demonstrating remote control capabilities for network management, alongside a Keenetic Buddy 5 and a Keenetic router.

6. MESH Wi-Fi CONFIGURATION

The Keenetic Buddy 5 is designed to integrate seamlessly into a Keenetic Mesh Wi-Fi system, providing a unified network experience. It is also compatible with routers from other brands.

6.1 Integrating into a Keenetic Mesh Network

If you have a Keenetic main router, the Buddy 5 can be added as a mesh node. This creates a single Wi-Fi network name (SSID) across your entire home, allowing your devices to automatically connect to the strongest signal without manual switching.

Reliable, seamless, and secure

Wi-Fi coverage

throughout your home

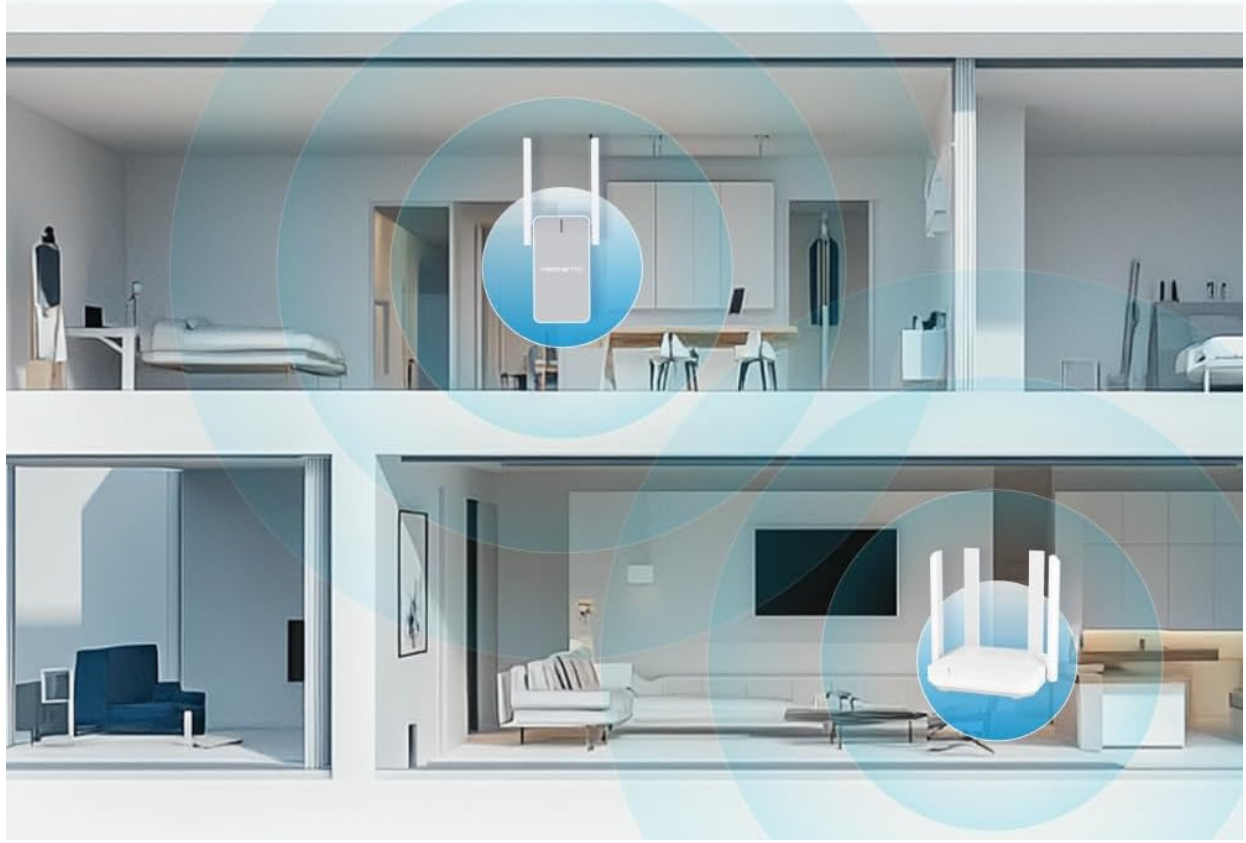


Image: Diagram illustrating how the Keenetic Buddy 5 extends reliable and seamless Wi-Fi coverage throughout a multi-story home, showing the main router and the extender working together.

6.2 Compatibility with Other Routers

The Keenetic Buddy 5 can function as a universal range extender with any standard Wi-Fi router. While mesh features like seamless roaming might be limited to Keenetic systems, it will still amplify your existing Wi-Fi signal.

Compatible with any router for uninterrupted networking



Image: Illustration showing the Keenetic Buddy 5 centrally positioned, indicating its compatibility with various router models from different brands for uninterrupted networking.

7. TROUBLESHOOTING

If you encounter issues with your Keenetic Buddy 5, consider the following troubleshooting steps:

- **No Connection/Weak Signal:**

- Ensure the Buddy 5 is plugged into a working power outlet.
- Relocate the Buddy 5 closer to your main router to ensure it receives a strong signal to extend.
- Check the indicator light on the device; refer to the device's LED guide for status interpretation.
- Verify that your main router's Wi-Fi is operational.

- **Setup Issues:**

- Ensure you are following the setup steps precisely, either through the Keenetic app or the web interface.
- Temporarily disable any VPN or firewall on your setup device if it interferes with the configuration process.
- Reset the Buddy 5 to factory defaults (usually by pressing a reset button for a few seconds) and attempt setup again.

- **Slow Speeds:**

- Ensure the Buddy 5 is placed optimally, not too far from the main router and not too far from the devices it serves.
- Check for sources of interference (e.g., microwaves, cordless phones, thick walls).
- Update the firmware of your Keenetic Buddy 5 via the Keenetic app or web interface.

- **Ethernet Port Not Working:**

- Ensure the Ethernet cable is securely connected to both the Buddy 5 and the wired device.
- Test with a different Ethernet cable.
- Verify the wired device's network settings.

For more detailed troubleshooting or specific issues, consult the Keenetic support website or the Keenetic mobile application's help section.

8. SPECIFICATIONS

Feature	Specification
Model Name	Keenetic Buddy 5
Model Number	KN-3311-01-EU
Dimensions (L x W x H)	7 x 13 x 18 cm
Weight	160 g
Operating System	KeeneticOS
Wireless Standard	802.11ac (Wi-Fi 5)
Data Transfer Rate	Up to 1200 Mbps (300 Mbps 2.4 GHz, 867 Mbps 5 GHz)
Frequency Bands	Dual-Band (2.4 GHz, 5 GHz)
Ethernet Port	1 x 100 Mbps Ethernet Port
Special Features	Wi-Fi Mesh, MU-MIMO, Airtime Fairness, Beamforming, Seamless Roaming (802.11k/r/v)
Compatible Devices	Routers of different brands and models

9. SAFETY INFORMATION

Please read and follow these safety guidelines to ensure proper operation and prevent damage to the device or injury:

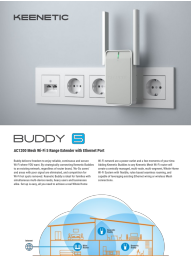
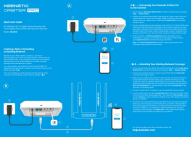
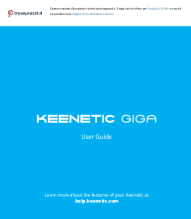
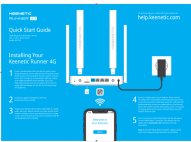
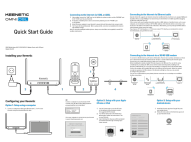
- Do not expose the device to water, moisture, or extreme temperatures.
- Avoid placing the device near heat sources or in direct sunlight.
- Use only the power adapter provided with the device.
- Do not attempt to open or repair the device yourself. Refer all servicing to qualified personnel.

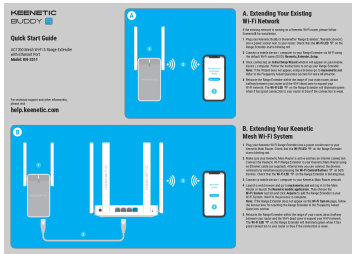
- Keep the device away from children and pets.
- Ensure adequate ventilation around the device to prevent overheating.

10. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation included with your product or visit the official Keenetic website. If you require technical assistance or have questions about your Keenetic Buddy 5, please contact Keenetic customer support through their official channels. Support resources, including FAQs and firmware updates, are typically available on the Keenetic website.

Related Documents - Buddy 5

	Keenetic Buddy 5 AC1200 Mesh Wi-Fi 5 Range Extender with Ethernet Port - Datasheet Detailed specifications and features for the Keenetic Buddy 5 (KN-3311), an AC1200 Mesh Wi-Fi 5 range extender with an Ethernet port, designed to extend reliable Wi-Fi coverage throughout your home.
	Keenetic Internet Centers: ZyXEL Home Networking Solutions Explore the range of Keenetic internet centers from ZyXEL, offering versatile connectivity options including Ethernet, 4G LTE, ADSL, VDSL, and Wi-Fi. Discover models designed for high-speed internet, IP-TV, secure home networks, and advanced features like VPN, parental control, and IP-telephony.
	Keenetic Orbiter Pro AC1300 Mesh Wi-Fi Router/Extender Quick Start Guide Quick start guide for the Keenetic Orbiter Pro AC1300 Mesh Wi-Fi 5 Gigabit Router/Extender (Model KN-2810), covering setup, mounting, and basic management.
	Keenetic Giga User Guide: Setup, Features, and Troubleshooting Comprehensive user guide for the Keenetic Giga AC1300 Dual Band Smart Wi-Fi Router. Learn about setup, connecting to the internet via various methods, Wi-Fi optimization, USB drive usage, troubleshooting, and warranty information.
	Keenetic Runner 4G Quick Start Guide A quick start guide for installing and setting up the Keenetic Runner 4G N300 Mesh Wi-Fi 4G Modem Router with a 4-Port Smart Switch (Model: KN-2210). Includes instructions on SIM card insertion, antenna setup, power connection, and initial configuration via Wi-Fi or Ethernet.
	Keenetic Omni DSL KN-2011 Quick Start Guide A comprehensive quick start guide for the Keenetic Omni DSL KN-2011 modem router, covering VDSL/ADSL, Ethernet, and 3G/4G USB modem connections, setup, LED indicators, ports, and troubleshooting.



[\[pdf\]](#) Quick Start Guide Instructions Frequently Asked Questions Guide

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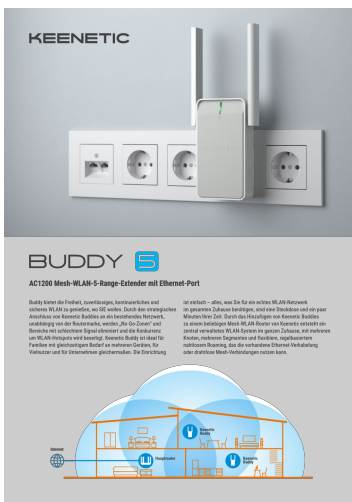
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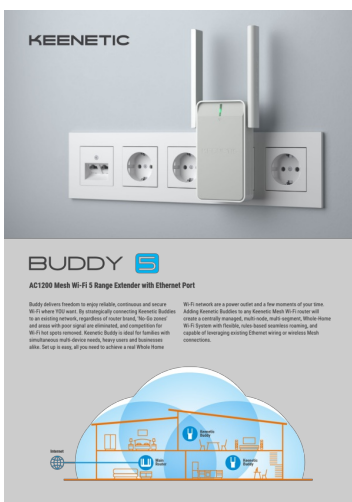
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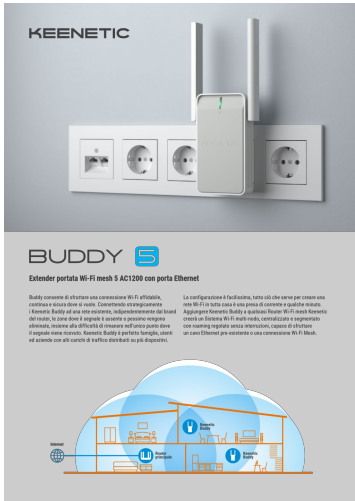
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[Keenetic Buddy 5 AC1200 Mesh Wi-Fi 5 Range Extender with Ethernet Port - Datasheet](#)

Detailed specifications and features for the Keenetic Buddy 5 (KN-3311), an AC1200 Mesh Wi-Fi 5 range extender with an Ethernet port, designed to extend reliable Wi-Fi coverage throughout your home.

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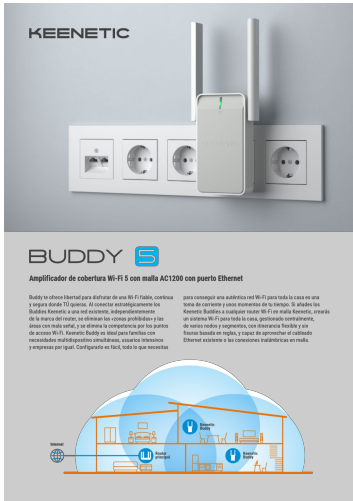


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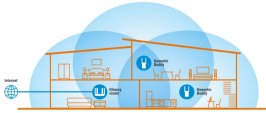
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BUDDY 

Wzmacniacz sygnału Wi-Fi 5 Mesh AC1200 ze złączem Ethernet

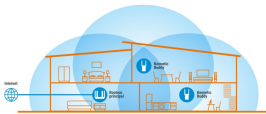
Urządzenie Buddy umożliwia zwiększenie zasięgu sieci i zwiększenie szybkości transmisji danych Wi-Fi 5 mesh. Dzięki zintegrowanemu portowi Ethernet Buddy to rozwiązanie idealne dla domu z wieloma urządzeniami podłączonymi do sieci. Buddy oferuje również port Ethernet, który umożliwia podłączenie do sieci urządzeń, które nie mają Wi-Fi. Buddy jest idealnym rozwiązaniem dla domu z wieloma urządzeniami podłączonymi do sieci. Buddy oferuje również port Ethernet, który umożliwia podłączenie do sieci urządzeń, które nie mają Wi-Fi.



BUDDY 

Amplificateur de la portée du Wi-Fi 5 maille AC1200 avec port Ethernet

Buddy offre la liberté de profiter d'un réseau Wi-Fi fiable, continu et étendu à tout le domicile. En connectant intelligemment les Keenetic Buddies à un réseau existant, quel que soit le matériel du réseau, les zones mortes de votre réseau disparaissent et les performances sont améliorées. Buddy est idéal pour les familles avec des besoins multiples en réseau. Les différences matérielles entre les appareils sont prises en compte. La configuration est facile. Tout ce dont vous avez besoin pour obtenir un réseau Wi-Fi fiable et continu est un Buddy Keenetic. Buddy est idéal pour les familles avec des besoins multiples en réseau. Les différences matérielles entre les appareils sont prises en compte. La configuration est facile. Tout ce dont vous avez besoin pour obtenir un réseau Wi-Fi fiable et continu est un Buddy Keenetic.



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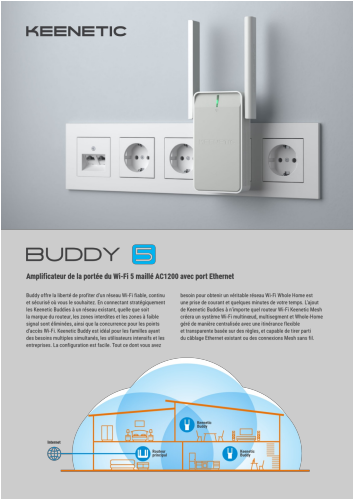
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