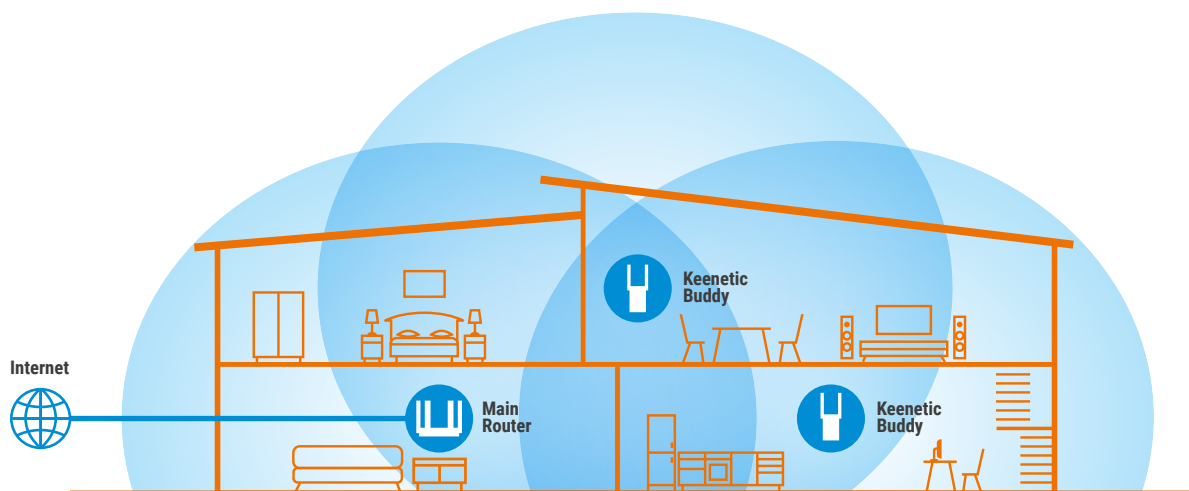# KEENETIC

BUDDY 6

AX3000 Mesh Wi-Fi 6 Range Extender with Gigabit Ethernet Port

Buddy delivers freedom to enjoy reliable, continuous and secure Wi-Fi where YOU want. By strategically connecting Keenetic Buddies to an existing network, regardless of router brand, 'No-Go zones' and areas with poor signal are eliminated, and competition for Wi-Fi hot spots removed. Keenetic Buddy is ideal for families with simultaneous multi-device needs, heavy users and businesses alike. Set up is easy, all you need to achieve a real Whole Home Wi-Fi network are a power outlet and a few moments of your time. Adding Keenetic Buddies to any Keenetic Mesh Wi-Fi router will create a centrally managed, multi-node, multi-segment, Whole-Home Wi-Fi System with flexible, rules-based seamless roaming, and capable of leveraging existing Ethernet wiring or wireless Mesh connections.

Internet

Main Router

Keenetic Buddy

Keenetic Buddy

Key features
- **Model number**: KN-3411
- **CPU**: MT7981B 1300 MHz, dual core
- **RAM**: 256 MB DDR3
- **Flash memory, Dual Image**: 128 MB
- **Wi-Fi class**: AX3000
- **Antennas**: 3 dBi
- **Ethernet ports**: 1 x 1 Gbps
- **WPS/Wi-Fi button**
- **Mesh Wi-Fi System**

Performance
- **2.4 GHz Wi-Fi network**: 574 Mbps (802.11ax)*
- **5 GHz Wi-Fi network**: 2402 Mbps (802.11ax)*

Wireless network
- **Seamless roaming 802.11k/r/v**
- **MU-MIMO**
- **Airtime Fairness**
- **Beamforming**
- **OFDMA**
- **WEP, WPA-PSK**
- **WPA2-PSK, WPA2-Enterprise**
- **WPA3-PSK, WPA3-Enterprise, OWE**
- **Multi-SSID and Guest Network**
- **Access control by MAC address**
- **Wi-Fi Multimedia (WMM)**

Features and protocols
- **Direct or cloud access via KeenDNS**

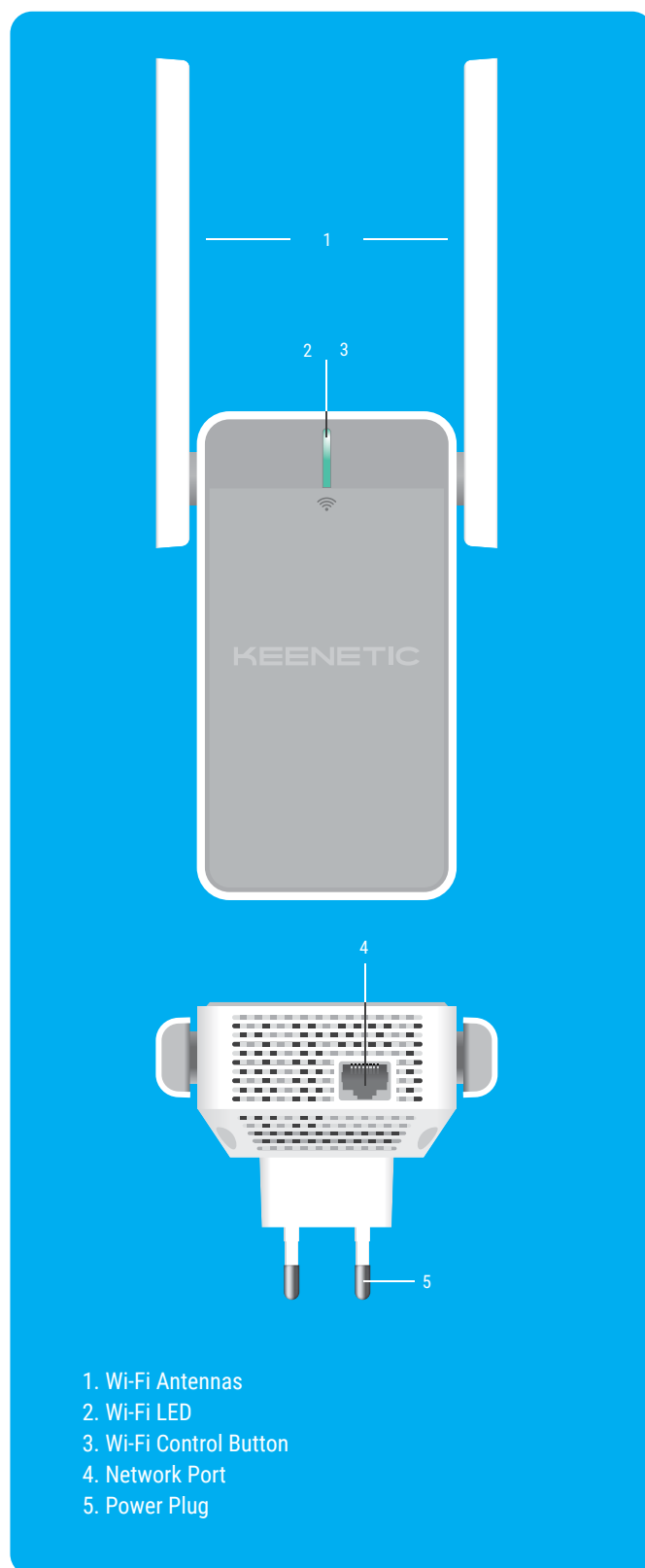## Troubleshooting and management
- **Cloud-based Remote Network Monitoring and Management**
- **Mobile app for Android and iOS**
- **Web Interface with the Initial Setup Wizard and HTTPS security**
- **Command Line (CLI) via TELNET/SSH**
- **An option to control from external network**
- **Backup and restore configuration**
- **Automatic OS updates**
- **System event logging**

Physical specifications and environment requirements
- **Device dimensions excluding antenna, w x d x h**: 68 mm x 41 mm x 128 mm
- **Device weight**: 208 g
- **Operating temperature**: 0–40 °C
- **Operating humidity**: 20–95% non-condensing
- **Power supply voltage**: 100–240 V 50/60 Hz

Package contents
- **Device**
- **Ethernet cable**
- **Quick start guide**

1. Wi-Fi Antennas
2. Wi-Fi LED
3. Wi-Fi Control Button
4. Network Port
5. Power Plug

Ordering information

Model name	Part number	Short description
Keenetic Buddy 6 (KN-3411)	KN-3411-01-EU	AX3000 Mesh Wi-Fi 6 Range Extender with Gigabit Ethernet Port

* 2402 and 574 Mbps are maximum wireless signal rates derived from the 802.11ax specification, used when connecting to clients using four spatial streams and an 160/40 MHz channel bandwidth for transmission and reception. Actual data throughput and wireless coverage will vary and may be lowered by the features and settings of the equipment, the number of client devices in the network, obstacles to signal propagation, the presence of other wireless networks, and/or radio interference.

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