

FRITZ!WLAN Repeater 450E



Greater range for every wireless network

The FRITZ!WLAN Repeater 450E lets you increase the range of any wireless network quickly and easily at the push of a button. Integrated WPA2 wireless encryption guarantees the requisite security.

Its compact design means it can be plugged into practically any socket—no special equipment or cables are needed. The FRITZ!WLAN Repeater 450E can be configured via WPS (Wi-Fi Protected Setup) with a simple click of the button or conveniently using a browser-based wizard.

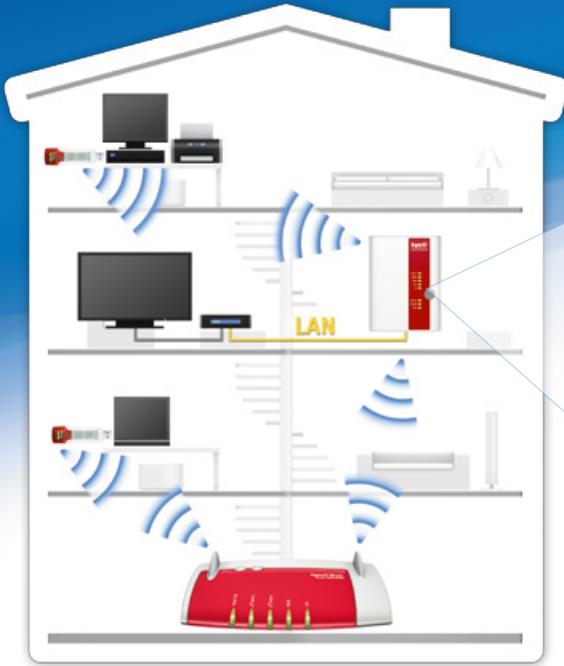
FRITZ!WLAN Repeater 450E supports fast wireless connections of up to 450 Mbit/s in the 2.4 GHz band. A fast gigabit port even allows the connection of network devices like TV sets, Blu-ray players or printers to be integrated into the home network. Alternatively, in LAN bridge operating mode the FRITZ!WLAN Repeater 450E can be connected with a router using a network cable or powerline connection. This means even long distances can be bridged effortlessly.

FRITZ!WLAN Repeater - highly recommended



Highlights at a Glance

- Increases the range of common wireless networks quickly and easily
- Wireless N with up to 450 Mbit/s in the 2.4 GHz band for fast wireless connections
- Compatible with all conventional wireless routers (802.11n/g/b radio standards)
- Maximum wireless LAN security with WPA2
- Wi-Fi Protected Setup (WPS) – easy and safe network configuration at the touch of a button
- Devices connected to the gigabit LAN port (printers, players, etc.) receive wireless LAN functionality
- LAN bridge: Connection to a router using the network port or a powerline connection
- Compact design for use at practically any outlet
- Wizard for simple configuration



Technical Features

- Increases the range of the wireless network
- Wireless LAN 802.11n with up to 450 Mbit/s for fast wireless connections
- 2.4 GHz frequency band
- Supports the wireless radio networks radio networks: 802.11n (450 Mbit/s*), 802.11g (54 Mbit/s) und 802.11b (11 Mbit/s)
- Gigabit LAN port: Connected devices (computers, printers, audio/video players, etc.) receive wireless LAN functionality
- Can be connected to a router via network cable instead (LAN bridge)
- Encryption with WPA2 (802.11i); alternatively WPA and WEP (128/64)
- Secure network configuration at the push of a button via WPS (Wi-Fi Protected Setup)
- Compatible with all common wireless LAN routers (no WDS required)
- Compact design for operation at any 230-V outlet
- Browser and software wizard for simple configuration
- Display for connection quality and status
- Supports the IPv6 web protocol

Easy Installation

- Perfectly coordinated with all FRITZ!Box WLAN models
- Simple installation at the touch of a button via WPS (Wi-Fi Protected Setup)
- Wireless range of other products that already support WPS can also be extended conveniently at the push of a button
- For wireless LAN routers without an integrated WPS function, convenient configuration either directly using the browser-based wizard integrated in the software, or as a download available from <http://www.avm.de/en/repeater>
- Convenient operation via a browser-based user interface

Ports and Interfaces

- Connection to mains with 230 V, 50 Hz to outlet (Euro socket, EN 50075)
- Wireless N access point 802.11n (450 Mbit/s), 802.11g (54 Mbit/s) and 802.11b (11 Mbit/s)
- Wireless LAN: 2.4 GHz, max. 100 mW
- 1 x gigabit Ethernet (10/100/1000 Base-T, RJ45 jack) for PC, TV, printer, stereo system, Blu-ray player and more
- LAN bridge: Connect to a router using a network cable or powerline connection

System Requirements

- Wireless access point access point with automatic IP address assignment (DHCP)
- Forwarding of IP-based protocols / Address Resolution Protocol

To launch operation with the software wizard:

- Windows 8.1, 8, 7, Vista or XP with Service Pack 3 or higher
- Internet access

Device Properties

- Dimensions (W x H x T): approx. 76 x 101 x 76 mm
- Weight: approx. 120 g
- Total power consumption: approx. 5 Watt

Service

AVM's service includes comprehensive service portals on the products, regular free updates and our critically acclaimed e-mail support.

* Gross value. The user data rate that can actually be achieved is somewhat below the specified values.

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