FRITZ!WLAN Repeater 300E

Greater range for every wireless network

The FRITZ!WLAN Repeater 300E lets you increase the range of your WLAN network at the press of a button – regardless of which WLAN standard (802.11n/g/b/a) you use.

Its compact design means it can be plugged into any europlug (type C) socket – no special equipment or cables are needed. The FRITZ!WLAN Repeater 300E is perfectly harmonized with WLAN products of the FRITZ!Box family and is particularly easy to install using WPS (Wi-Fi Protected Setup). The WLAN range of products that already support WPS, including the FRITZ!Box Fon WLAN 7390 and 7270, can be expanded simply and conveniently at the push of a button.

For simple configuration at all other access points a browser-based wizard is available, which can also be used to operate the repeater.

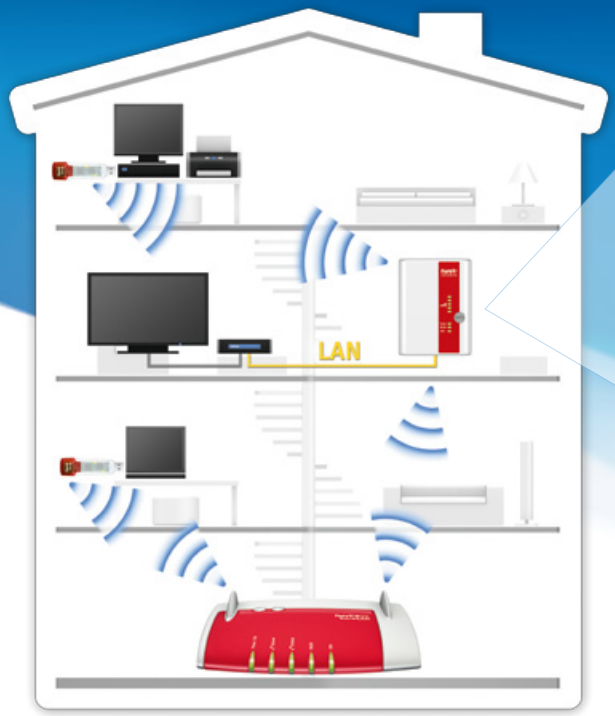
Operation as a dual-band repeater allows transmission on the 2.4-GHz band – or alternatively, in the much less heavily used 5-GHz range. Integrated WPA2 wireless encryption also guarantees the security that wireless surfers require for peace of mind.

A fast gigabit network port allows network devices to be integrated into the home network. This provides convenient WLAN functionality for Blu-ray players, printers or other devices.

Highlights at a glance:

- Increases the range of the wireless network quickly and easily
- Compatible with all conventional WLAN routers (802.11n/g/b/a radio standards)
- WLAN support for either 2.4-GHz or 5-GHz connections (dual band)
- Maximum WLAN security with WPA2 (802.11i)/WPA and WEP (128/64)
- Wi-Fi Protected Setup (WPS) – easy, safe WLAN configuration at the touch of a button
- Devices connected to the gigabit LAN port (printers, players, etc.) receive WLAN functionality (Ethernet, 10/100/1000 Base-T)
- Compact design for use at practically any outlet
- Software wizard for simple configuration: www.avm.de/en/repeater

www.fritzbox.eu



FRITZ!WLAN Repeater 300E increases the range of your wireless network simply and securely. Devices with an Ethernet port can be integrated directly into the home network.

Easy installation – perfect in combination with FRITZ!Box

The FRITZ!WLAN Repeater 300E is perfectly harmonized with WLAN products of the FRITZ!Box family and is particularly easy to install using WPS (Wi-Fi Protected Setup). The WLAN range of products that already support WPS, including the FRITZ!Box Fon WLAN 7390 and 7270, can be expanded conveniently at the push of a button. For all WLAN routers without an integrated WPS function, setup is performed using a convenient installation wizard using a convenient installation wizard (available for download from http://www.avm.de/en/repeater).

Alternative: Search, find and connect

Even without WPS the FRITZ!WLAN Repeater 300E is ready for operation in no time at all. Just plug the FRITZ!WLAN Repeater 300E into your outlet and connect it with the computer using the LAN cable included with delivery. Now just open a browser and enter "fritz.repeater" in the address field. The configuration wizard opens to guide you through the remaining steps of the setup. Alternatively, you have the option of using WLAN to establish the connection manually for initial configuration.

WLAN function even for peripherals

Using the integrated gigabit interface any device with a LAN port can be connected to the FRITZ!WLAN Repeater to enjoy WLAN functionality. This makes it easy to integrate network devices like computers, Blu-ray players, satellite or TV receivers, IP cameras, printers and network hard drives into the home network using the LAN cable included with delivery, and supply them with data from the Internet (for instance: streaming).

Technical Features

WLAN

- Increases the range of the wireless network
- Supports all WLAN radio networks: 802.11n (300 Mbit/s*), 802.11g/a (54 Mbit/s) and 802.11b (11 Mbit/s)
- 2.4-GHz frequency band (compliant with 802.11n/g/b) or 5 GHz (compliant with 802.11n/a)
- Encryption in accordance with WPA2, WPA, WEP-128 and WEP-64

LAN

- Devices connected to the gigabit LAN port (printers, players, etc.) receive WLAN functionality (Ethernet, 10/100/1000 Base-T)

Installation and operation

- Simple configuration via integrated WPS (Wi-Fi Protected Setup), using a wizard or manually (for more information, see www.avm.de/en/repeater)
- Operation via a browser-based user interface
- Compatible with all FRITZ!WLAN boxes and any other WLAN routers (no WDS required)
- Compact design for operation at any 230-V outlet that supports a type C plug (CEE 7/16)

System requirements

For operation as a WLAN repeater

- WLAN access point/client compliant with IEEE 802.11n, g, b or a, perfectly harmonized with AVM FRITZ!WLAN products
- 230-V outlet
- WLAN access point with automatic IP address assignment (DHCP)
- Forwarding of IPv4-based protocols / Address Resolution Protocol

For operation with the software wizard:

- Windows 7, Windows Vista or Windows XP SP2 or higher
- Internet connection

Award-winning:

FRITZ! products have received over 400 awards and numerous recommendations from the IT press commending their user-friendliness, their wide range of applications as well as the high security standards they fulfill.

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

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