



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 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.

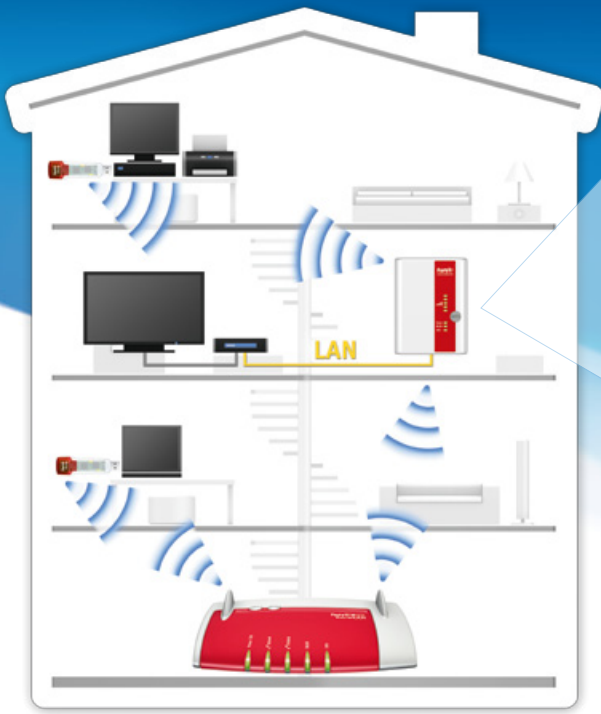
A fast gigabit port allows network devices to be integrated in the home network so that Blu-ray players, printers and other devices can take advantage of a convenient wireless connection. Alternatively, in LAN Bridge operating mode the FRITZ!WLAN Repeater 300E can be connected to the LAN port of a router using a network cable or powerline connection. This means even long distances can be bridged effortlessly.

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)
- Repeater connected to the LAN port of a router via network cable or powerline connection
- Compact design for use at practically any outlet
- Software wizard for simple configuration: www.avm.de/en/repeater

The FRITZ!WLAN Repeater 300E has won numerous awards:





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 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).

More Possibilities in the LAN Bridge Operating Mode

If you need to bridge connections due to structural conditions or particularly great distances, a network cable or powerline connection allows the FRITZ!WLAN Repeater 300E to be installed even more flexibly, wherever it is needed. In the „LAN Bridge“ operating mode the Repeater 300E becomes a fully functional WLAN access point. Data are transferred directly to the wireless devices connected with the Repeater and forwarded to the router or the Internet over the network connection.

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

Support

AVM's service includes comprehensive service portals, regular free updates and e-mail support.

Highly Recommended

The IT press has repeatedly commended FRITZ! products for their user-friendliness and high security standards.

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

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The radio technology of this device is designed for use in all countries of the European Union and in Switzerland, Norway and Iceland. In France only indoor operation is permitted.