

FRITZ!WLAN Repeater

FRITZ!WLAN Repeater 310 and FRITZ!WLAN Repeater 300E



Greater range for every wireless network

The FRITZ!WLAN Repeater lets you increase the range of any wireless network quickly and easily. 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 can be configured via WPS (Wi-Fi Protected Setup) with a simple click of the button or conveniently using a browser-based Wizard.

The especially compact FRITZ!WLAN Repeater 310 supports fast wireless connections of up to 300 Mbit/s in the 2.4 GHz band. Operating the FRITZ!WLAN Repeater 300E as a dual-band repeater allows wireless connections to be extended with the same speed in the 2.4-GHz band – or, alternatively, in the much less heavily used 5-GHz frequency band. A fast gigabit port even allows network devices like TVs, Blu-ray players or printers to be integrated into the home network. Alternatively, in LAN Bridge operating mode the FRITZ!WLAN Repeater 300E can be connected with a router using a network cable or powerline connection, so that even long distances can be bridged effortlessly.

FRITZ!WLAN Repeater 300E – a multiple award winner:



fritzbox.eu

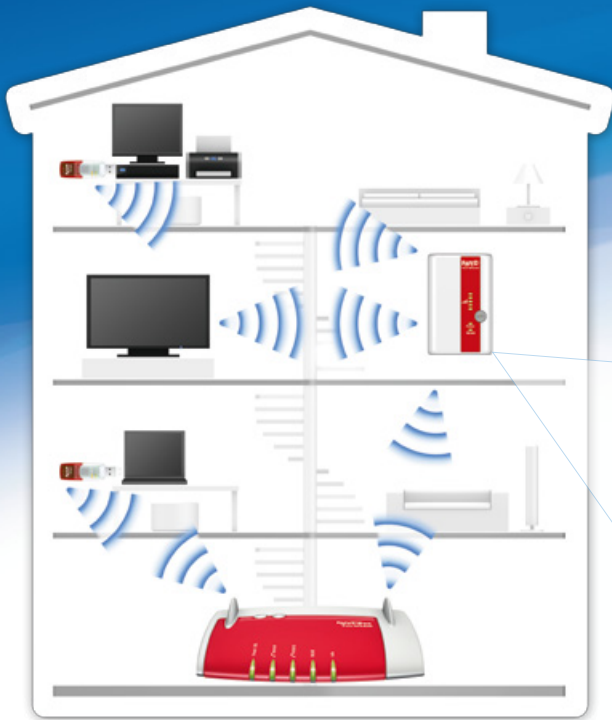
Highlights at a Glance

- Increases the range of any wireless network quickly and easily
- Compatible with all common WLAN routers
- Wireless LAN with up to 300 Mbit/s for fast wireless connections
- Maximum WLAN security with WPA2
- Wi-Fi Protected Setup (WPS) – easy, safe wireless LAN configuration at the touch of a button
- Compact design for use at practically any socket
- Wizard for simple configuration
- Greater range for every wireless network

FRITZ!WLAN Repeater 300E – Extras

- Wireless LAN support for either 2.4 GHz or 5 GHz connections (dual-band)
- Devices connected to the gigabit LAN port (printers, players, etc.) receive wireless LAN functionality
- LAN Bridge: Connection to a router using a network cable or powerline connection





FRITZ!WLAN Repeater

	WLAN	Band (GHz)	max. Mbit/s ^{*)}	WPA2/WPA	Display	Gigabit LAN
FRITZ!WLAN Repeater 300E	N	2.4 5	300	●	LED	1 x
FRITZ!WLAN Repeater 310	N	2.4	300	●	LED	



› FRITZ!WLAN Repeater 300E



› FRITZ!WLAN Repeater 310

Technical Features

- Increases the range of the wireless network
- WLAN 802.11n with up to 300 Mbit/s for fast wireless connections
- Encryption with WPA2 (802.11i); alternatively WPA and WEP (128/64)
- Secure WLAN configuration at the push of a button via WPS (Wi-Fi Protected Setup)
- Compatible with all common WLAN routers (no WDS required)
- Compact design for operation at any 230-V socket
- Software wizard for simple configuration
- Display for connection quality and status
- Supports the IPv6 web protocol

FRITZ!WLAN Repeater 300E

- 2.4 GHz or 5 GHz frequency band (dual-band)
- Supports wireless radio networks compliant with 802.11n (300 Mbit/s*), 802.11g/a (54 Mbit/s) and 802.11b (11 Mbit/s)
- Gigabit LAN port: Connected devices (computers, printers, audio/video players, etc.) receive WLAN functionality
- For operation as a LAN bridge, can be connected to a router via network cable

FRITZ!WLAN Repeater 310

- 2.4 GHz frequency band
- Supports the WLAN radio networks: 802.11n (300 Mbit/s*), 802.11g (54 Mbit/s) and 802.11b (11 Mbit/s)

Easy installation

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

Ports and Interfaces

- Connection to mains with 230 V, 50 Hz to Type E and Type F socket
- Access point for WLAN 802.11n (300 Mbit/s), 802.11g (54 Mbit/s) and 802.11b (11 Mbit/s), FRITZ!WLAN Repeater 300E also for 802.11a (54 Mbit/s)
- WLAN: 2.4 GHz max. 100 mW / 5 GHz max. 200 mW
- FRITZ!WLAN Repeater 300E: 1x gigabit Ethernet (10/100/1000 Base-T, RJ45 jack) for PC, TV, printer, stereo system, Blu-ray player and more
- LAN Bridge: Connection to a router using a network cable or powerline connection

Properties

FRITZ!WLAN Repeater 300E

- Dimensions (WxHxD): approx. 76 x 101 x 76 mm
- Weight: approx. 150 g
- Total power consumption: approx. 5 watts

FRITZWLAN Repeater 310

- Dimensions (WxHxD): approx. 51.5 x 81 x 66.5 mm
- Weight: approx. 63 g
- Total power consumption: approx. 3 watts

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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