



Wi-Fi Repeater

Greater wireless signal in a matter of seconds

The new FRITZ!WLAN Repeater 450E enables fast and stable wireless connectivity with up to 450 Mbit/s. The gigabit LAN port also allows network-enabled devices without integrated wireless functionality to be incorporated into your home network. The compact design means there's space for it at almost any power outlet. The five signal strength LEDs help you to quickly find the ideal position in your home.

- Increases wireless range on the 2.4 GHz band with up to 450 Mbit/s
- Gigabit LAN port
- Secure connectivity with the WPA2 standard
- Quick and easy to set up thanks to WPS



Wireless reception everywhere

The FRITZ!WLAN Repeater 450E offers high-speed wireless LAN of up to 450 Mbit/s on the 2.4 GHz frequency band and maximum range. As a result, you can enjoy surfing without progress bars, fast downloads and uninterrupted HD videos – no matter where you are in your home.

No more cables

The repeater's LAN port incorporates even network-enabled devices without wireless functionality into your home network. The FRITZ!WLAN Repeater wirelessly bridges the distance to the router – something which used to require a cable.



Easy to use and updateable

Whether it's a matter of optimum positioning or the optimum wireless channel, the repeater assists you with LEDs, software wizards, and a clear user interface. FRITZ!WLAN Repeaters also benefit from free updates that add new features.

Secure encryption for your wireless network

The FRITZ!WLAN Repeater supports secure WPA2 encryption. Alternatively, it also supports the WPA standard. This makes the repeater suitable for use with all standard wireless networks and encryption protocols.



Greater wireless range in a matter of seconds

The FRITZ!WLAN Repeater increases the range of existing wireless networks in an extremely simple and efficient manner, making it the ideal solution for extending wireless signal throughout your entire home.



Quick and optimum positioning

The LEDs on the front of the repeater help to determine the ideal place to put it. They display the connection status and signal strength.



Wireless N with 450 Mbit/s

With 450 Mbit/s, the FRITZ!WLAN Repeater ensures high-speed connectivity. Modern wireless technology provides stable reception and high bandwidth throughout your home network.



Ready for the future with IPv6

In addition to IPv4, the FRITZ!WLAN Repeaters support the IPv6 Internet protocol. IPv6 makes existing services more convenient and considerably simplifies a host of new applications.



Compatible with all standard routers

FRITZ!WLAN Repeaters are perfectly configured for the FRITZ!Box, but can also be used with many standard wireless routers. Whichever router you use, the registration process couldn't be easier.



Alternative application as a LAN bridge

The repeater can also be connected to modems or routers using a network cable, enabling wireless LAN on these devices in a quick, secure, and cost-effective manner.



FRITZ!WLAN Repeater 450E



Ready for use in a matter of seconds

Thanks to WPS (Wi-Fi Protected Setup), you can effortlessly connect the FRITZ!WLAN Repeater. Simply press the “WPS” button on the router and the repeater, and it will be securely and completely automatically registered on the network.



Maximum wireless security

The FRITZ!WLAN Repeater supports the WPA2 wireless encryption standard for uncompromising security. Alternatively, it also supports the older WPA standards.



Convenient operation

The repeater’s user interface can be accessed from smartphones, tablets, and computers, and offers user-friendly menus for all functions. Wizards make it easy to set up the repeater manually.



Also suitable for network-enabled devices without wireless functionality

Thanks to its gigabit LAN port, the FRITZ!WLAN Repeater is also suitable for devices without an integrated wireless module. Connect your smart TV, media player, or games console to the FRITZ!WLAN Repeater and make long network cables a thing of the past in your home.



Updateable with FRITZ!OS

The FRITZ!Box operating system, FRITZ!OS, is also used in the FRITZ!WLAN Repeater. You benefit from new updates for greater convenience and additional features. All FRITZ!OS updates are free of charge.



Highly compact design

Thanks to its streamlined design, the repeater can be used anywhere. It can be deployed at almost any power outlet, enabling flexible use throughout your entire home.

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 wireless routers compliant with the 802.11n/g/b radio standards
- Adopts the configured WLAN encryption (WPA2, WPA)
- Wi-Fi Protected Setup (WPS)—easy and safe WLAN 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

- Compatible with all common routers compatible with the standards WLAN n, b, g, and a; 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 models
- Simple installation at the touch of a button via WPS (Wi-Fi Protected Setup)
- The WLAN range of products that support WPS can be also be extended conveniently at the push of a button
- For wireless LAN routers without WPS function, convenient configuration either directly using the browser-based Wizard integrated in the software, or as a download available
- Easy operation using a browser-based user interface

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 wireless networks: 802.11n (450 Mbit/s gross), 802.11g (54 Mbit/s) und 802.11b (11 Mbit/s)
- Gigabit LAN port: Connected devices (computers, printers, audio/video players, etc.) receive WLAN functionality
- Can be connected to a router via network cable instead (LAN bridge)
- Encryption with WPA2 (802.11i); alternatively WPA
- Secure WLAN configuration at the push of a button via WPS (Wi-Fi Protected Setup)

Ports and interfaces

- Connection to mains with 230 V, 50 Hz to outlet (Euro socket, EN 50075)
- Wireless access point: 802.11n (450 Mbit/s), 802.11g (54 Mbit/s) and 802.11b (11 Mbit/s)
- Wireless LAN: 2.4 GHz

Warranty

- 5-year manufacturer's warranty

Device properties

- Dimensions (W x H x D): approx. 76x 101 x 76 mm
- Weight: approx. 120 g
- Total power consumption: approx. 5.5 Watt