



WLAN

# FRITZ!WLAN Repeater N/G

## More range for every WLAN network

### Product overview

- Extends range in all WLAN networks (802.11n/g/b/a)
- Supports 2.4 or 5 GHz WLAN networks (dual band)
- Adoption of WLAN encryption (WPA2, WPA, WEP)
- Transmits Web radio via UHF to commercially available radios
- Easy setup with WPS by pressing a button (Wi-Fi Protected Setup)
- Can be plugged into almost any socket
- Perfectly harmonized with WLAN products in the FRITZ!Box family

The FRITZ!WLAN Repeater N/G lets you increase the range of your WLAN network by simply pressing a button – regardless of which WLAN standard (11n/g/b/a) you use.

Its compact design means it can be plugged into practically any socket. No special equipment or cables are needed. The FRITZ!WLAN Repeater N/G is perfectly harmonized with WLAN products of the FRITZ!Box family and is particularly easy to install with Wi-Fi Protected Setup (WPS).

The WLAN range of products, such as the FRITZ!Box Fon WLAN 7270 and FRITZ!Box WLAN 3270, which are already WPS compatible, can be easily and conveniently extended by pressing a button. The FRITZ!WLAN Repeater N/G is operated using a touch screen LED display which also shows information about the current operating status.

Using it as a dual-band repeater supports transmission on 2.4 Gigahertz networks – or alternatively on the seldom-used networks in the 5 Gigahertz range. The integrated WPA2 wireless encryption also guarantees the security that wireless surfers require for peace of mind.

The FRITZ!WLAN Repeater N/G also has something to offer in the field of multimedia. In addition to an integrated mini UHF transmitter, the audio output (analog/digital) makes it easy to transmit your music to a stereo system.

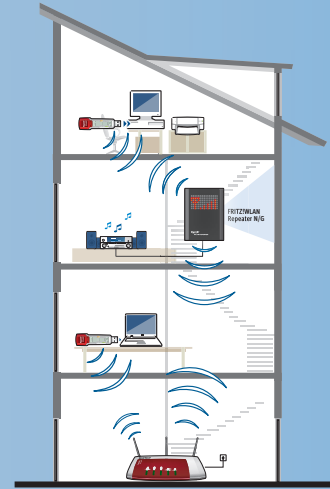


## FRITZ!WLAN Repeater N/G

The FRITZ!WLAN Repeater N/G is perfectly harmonized with WLAN products in the FRITZ!Box family and is particularly easy to install with Wi-Fi Protected Setup (WPS).

The WLAN range of products such as the FRITZ!Box Fon WLAN 7270, which are already WPS compatible, can be easily extended by pressing a button. Any WLAN routers without integrated WPS function can be set up using an easy-to-use installation wizard (available on the Internet).

FRITZ!WLAN Repeater N/G extends the range of your WLAN network both easily and reliably and now lets you enjoy audio content as well.



### Simple installation with any WLAN router

The FRITZ!WLAN Repeater N/G is ready for operation in no time even without WPS and the wizard: once it has been plugged in, it just needs to be connected to the network with the name FRITZ!WLAN Repeater N/G. To do this, enter 00000000 (eight zeroes) as the WPA or WPA2 key. After successfully logging on to the FRITZ!WLAN Repeater N/G, open the Internet browser and enter [fritz.repeater](http://fritz.repeater) in the address line. The FRITZ!WLAN Repeater N/G wizard guides you through all of the other steps in the initial setup.

### WLAN

- Extends the range of a WLAN network
- Supports all WLAN wireless networks: 802.11n Draft 2.0 (300 Mbit/s\*), 802.11g/a (54 Mbit/s) and 802.11b (11 Mbit/s)
- Frequency band: 2.4 GHz (in compliance with 802.11n/g/b) or 5 GHz (in compliance with 802.11n/a)
- WPA2, WPA, WEP-128 and WEP-64 encryption

### Award-winning

FRITZ! products have received over 200 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.



\*The WLAN data throughput rates indicated are raw data rates. The throughput rates actually attainable are lower.

### Multimedia right from the socket

The audio connections (digital/analog) of the FRITZ!WLAN Repeater N/G let audio content be transmitted to a stereo system by means of a cable. A Windows program (e.g. Windows Media Player 11) can be the audio source. Any commercially available UHF radio can be turned into a receiver for music content (e.g. an MP3 collection) by means of the miniature UHF transmitter (FM transmitter). This also makes wireless playback of Internet radio possible in stereo quality in the immediate surroundings.

- Integrated mini UHF transmitter (FM transmitter 87.5-108 MHz)
- Audio output (analog/digital)
- Playback of any PC audio content

### Operation

The touch screen LED display is used for operation. Due to its compact design, which lets it be plugged into practically any socket, no special equipment or cables are needed.

- Easy setup with WPS (Wi-Fi Protected Setup), using the wizard or manually (for information, see [www.avm.de/en/repeater](http://www.avm.de/en/repeater))
- Touch screen LED display used for operation (LED that shows connection and activity)
- Compatible with all FRITZ!WLAN boxes and other WLAN routers (no WDS required)
- Can be operated from any 230V socket (type CEE 7/4)

### System requirements

#### For operation as a WLAN repeater:

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

#### For operation as an audio output client:

- Windows XP with SP2 or higher or Windows Vista (32-bit)
- Internet access

**Support:** AVM's services include regular updates free of charge and award-winning e-mail support.

**For more information see [www.avm.de/en/repeater](http://www.avm.de/en/repeater)**