

## Five tips to better Wi-Fi

Aachen, Germany, 5 December 2024 – Be it the television, home computers, smartphones or smart household devices – the majority of our electronic devices these days require active Internet access to be fully functional. With the following tips, you can improve the Wi-Fi reception within your own four walls quickly and easily.

The topics of this press release:

- **Tip 1: Speed test and Wi-Fi check**
- **Tip 2: Ideal router location**
- **Tip 3: Avoiding interference**
- **Tip 4: Mesh repeaters for short distances**
- **Tip 5: Powerline adapters for long distances**

### Tip 1: Speed test and Wi-Fi check

The first thing to do is to take a minute to assess the Wi-Fi situation in various rooms and to detect the Wi-Fi "dead zones". Easy-to-use analysis tools such as speedtest.net can be of use here. This will give you an accurate idea of the rooms where Wi-Fi reception can be improved.

### Tip 2: Ideal router location

Is there enough bandwidth reaching your house, but still the Wi-Fi connection is too slow – or even cutting out entirely? This is typically due to issues related to the range of the router. Many people have their router placed off to the side or even in the basement. Ideally, it should be in a central and slightly elevated position in the home, such as on a sideboard or cabinet in the middle of the flat or house. Does your router have external antennas? If so, try adjusting them at different angles to improve reception.

### Tip 3: Avoiding interference

Concrete, plumbing, furniture, and even plants can interfere with Wi-Fi signals. It's best to ensure that no objects are placed close to the router.

Also, check whether the router model is up to date and supports both 2.4 GHz and 5 GHz frequency bands. The 2.4 GHz band is often used by too many Wi-Fi devices, which can lead to low transmission speeds. Modern routers support both frequency bands, ensuring significantly higher speeds. It pays off to invest in a new router. When purchasing a new one, make sure it supports the Wi-Fi 6 or Wi-Fi 7 standard.

### Tip 4: Mesh repeaters for short distances

To eliminate weak Wi-Fi in rooms on the same floor, a repeater can be helpful. It should be positioned as close as possible to the halfway point between the router and the target area. Some repeater models have

an LED display on the front to help you find the optimal position. The LEDs indicate whether the repeater is receiving a strong Wi-Fi signal, which is crucial for extending a high-quality signal effectively.

## Tip 5: Powerline adapters for long distances

In a large flat or a multi-storey house, repeaters alone will likely prove insufficient. Ceilings, walls and particularly in-floor heating systems slow down the Wi-Fi signals considerably. This is where it is helpful to have Powerline adapters from the German network expert devolo, for example. These use the home's own electrical wiring like a long data cable. Wi-Fi Powerline adapters create a fast Wi-Fi access point at any power socket. Multiple devolo Magic Wi-Fi adapters automatically connect with each other to form a unified, secure, mesh Wi-Fi network, providing coverage throughout larger homes—from the basement to the loft.

## Prices and availability

The ideal way to upgrade the Wi-Fi within your own home is with the Starter Kit devolo Magic 1 WiFi mini with two adapters at a price of 99.90 euros. The devolo Magic 2 WiFi next Starter Kit for 199.90 euros combines high-speed Wi-Fi with Gigabit LAN so that even wired end devices are reliably supplied with Internet. The flagship Powerline adapter, devolo Magic 2 WiFi 6, combines the fastest Powerline technology with the latest Wi-Fi standard, with a Starter Kit priced at 249.90 euros. For those looking to extend Wi-Fi on a single floor, devolo offers the WiFi 6 Repeater 5400 (149.90 euros) and the WiFi 6 Repeater 3000 (99.90 euros). All specified prices include VAT. All the above-mentioned products are compatible with one another so that the home network can be flexibly extended. In addition, devolo provides all products with a three-year manufacturer's warranty.

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This text and current product images can also be found at [www.devolo.com](http://www.devolo.com) in the media section of the devolo website.

## About devolo

devolo develops intelligent home networking solutions that send high-speed Internet into every corner of your house or flat. The main product for household customers is devolo Magic, a technology that makes it possible to establish smart networks over existing electrical wiring. The product portfolio is rounded off with innovative mesh Wi-Fi systems and solutions for fibre-optic connections.



In the professional sector, devolo is a reliable partner of international telecommunications providers, global industrial corporations, leading medium-sized companies and the fast-growing energy industry. Anywhere secure, high-performance data communication is needed, partners rely on devolo.

With over 50 million products sold, devolo belongs to the world's market leaders. More than 950 international top-product test reviews and distinctions underscore our leadership in innovation. devolo was founded in 2002 in Aachen, Germany, and is represented in more than 10 countries.