



Press release

30 August 2016

Fast. Smart. Everywhere. – AVM at IFA 2016

Many new FRITZ! highlights for fast Internet and smart convenience at home and on the go

- Available in Germany for IFA: Four FRITZ!Box models for DSL, cable and fast WiFi
- Four trade fair premieres for seamless, fast communication in the FRITZ! home network
- Smart Home: The first intelligent radiator control by AVM
- New MyFRITZ!App and a first glance at the smart FRITZ!OS

Berlin | Right on time for IFA 2016, AVM is presenting its many FRITZ! innovations for Internet connections and the smart home network. Four powerful FRITZ!Box models are already on the German market as IFA opens: The **FRITZ!Box 7580** for intelligent, strong WiFi with up to 2533 Mbit/s, the **FRITZ!Box 7560**, which is a DSL router with dual-band Wireless AC+N, the **FRITZ!Box 4040**, a pure wireless LAN router with dual-band Wireless AC+N, and the **FRITZ!Box 6490 Cable**, the top model for cable connections, especially now that new legislation protects the free choice of routers in Germany. Another four new FRITZ! products are celebrating their trade fair premiere: AVM is extending its portfolio of FRITZ!Box Cable models with the **FRITZ!Box 6430 Cable** – a beginner product for cable connections. Also, AVM is presenting the **FRITZ!WLAN Stick AC 430 MU-MIMO**. This peripheral upgrades PCs and notebooks to the new, smart wireless LAN technology. With the **FRITZ!Powerline 1260E**, AVM is showing a new product that transmits data over the electrical wiring at high speeds and offers dual-band Wireless AC+N. At IFA, AVM will be presenting its first radiator control **FRITZ!DECT 300**. The new **MyFRITZ!App 2** – the window to your FRITZ!Box at home and on the go – and a first look at the new **FRITZ!OS** round off AVM's strong fair appearance. True to its motto "Fast. Smart. Everywhere.", AVM is presenting all its FRITZ! innovations live in hall 17.

Available in Germany for IFA: New FRITZ!Box models for fast Internet and the convenient home network

The recently introduced **FRITZ!Box 7580** provides for strong, intelligent WiFi thanks to its Multi-User MIMO technology (MU-MIMO). This makes the FRITZ!Box 7580 perfect for multiple big data applications that run on several mobile devices simultaneously using wireless LAN. The first 4x4



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wireless LAN router by AVM provides for speeds of up to 1733 Mbit/s (5 GHz) plus 800 Mbit/s (2.4 GHz). What's more, VDSL vectoring grants access to high-speed Internet. A complete telephone system including DECT base station and FRITZ!OS convenience fulfills all communication needs. The **FRITZ!Box 7560** is a high-performance VDSL router with fast Wireless AC technology. It allows you to reach up to 866 Mbit/s in the 5-GHz band and 450 Mbit/s in the 2.4-GHz band. Thanks to gigabit LAN PCs, game consoles and other network devices share the same high-speed access. Plus, the 7560 comes with a quality telephone system and an integrated media server. With the new, recently available **FRITZ!Box 4040**, AVM is expanding its portfolio of purely wireless routers. The new model comes in a compact housing and is the big brother of the small and popular FRITZ!Box 4020. It is the perfect addition for all who already use a modem (cable, DSL, fiber) and need fast wireless LAN for modern tablets and PCs. The new FRITZ!Box transmits using Wireless AC + N with up to 866 Mbit/s + 400 Mbit/s at the same time. Other devices can be integrated into the home network via cable over four fast gigabit LAN ports. Of course, the many functions of FRITZ!OS are also included.

For the new law on free choice of routers in Germany: Trade fair premiere FRITZ!Box 6430 Cable

AVM expands its portfolio of FRITZ! Cable models with the new FRITZ!Box 6430 Cable. The **FRITZ!Box 6430 Cable** with 16 x 4 channel bonding offers download rates of up to 880 Mbit/s and upload rates of up to 120 Mbit/s for cable networks. It transmits data in the home network via Wireless N (2.4 GHz) with 450 Mbit/s and via 4 gigabit LAN ports. Plus, it comes with a telephone system and DECT base station for cordless telephones and Smart Home applications. The current top model for cable connections – **the FRITZ!Box 6490 Cable** – with 24 x 8 channel bonding for 1320 Mbit/s downstream has been available in retail since the new regulation on free choice of routers took effect in Germany (1 August).

For the Smart Home: First radiator control by AVM and intelligent outdoor plug

For the first time AVM is presenting its own radiator control: Combined with a FRITZ!Box, the **FRITZDECT 300** manages the temperature at home and helps to save energy. It is securely integrated into the home network via the exclusive DECT ULE radio band and is easy to operate using a PC, smartphone, tablet or FRITZ!Fon. The new AVM radiator control can even be regulated from within the home network or on the go via MyFRITZ!App. It provides for various convenience features such as the selection of individual schedules, open window detection, key lock and calcification protection. The FRITZ!DECT 300 is also updatable so it will benefit from regularly



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added features. It can easily be mounted on common radiator valves. Using the upcoming new outdoor plug **FRITZ!DECT 210**, the smart FRITZ! home network can be extended within the home and in the garden. Fountains, lights, lawn sprinklers and many other devices can be operated manually or automatically with it. Users can measure the power consumption or temperature at home or on the go simply by using their DECT telephone, PC, smartphone or tablet.

FRITZ! innovations: FRITZ!Powerline with dual-band wireless LAN and smart FRITZ!WLAN Stick

At IFA 2016, AVM is presenting a new gigabit range FRITZ!Powerline product. With **FRITZ!Powerline 1260E** network-enabled devices can be integrated easily into the home network via the socket. Thanks to the integrated dual-band wireless LAN even devices without a cable connection have access to your network. The new FRITZ!Powerline product transmits with Wireless AC at up to 866 Mbit/s (5 GHz) and Wireless N (2.4 GHz) at up to 450 Mbit/s. The **FRITZ!WLAN Stick AC 430 MU-MIMO** is also new. The upcoming product equips PCs and notebooks that don't support Wireless AC or the MU-MIMO technology with faster transmission rates. The new FRITZ!WLAN Stick allows data rates of up to 433 Mbit/s. On top of this, the USB stick supports both the 2.4 GHz or 5 GHz frequency bands.

New MyFRITZ!App and a first glance at the smart FRITZ!OS

With **MyFRITZ!App 2 for Android** FRITZ!Box users have easy and secure access to their home network whether they're at home or on the go. The free app notifies users within seconds about calls, voice messages and other events in the home network. The app enables mobile access to photos, music and other data stored on the FRITZ!Box. Smart plugs, DECT radiator controls, answering machines or call diversion settings can easily be managed from anywhere with the MyFRITZ!App. If needed, the app also grants access to other home network devices from every location. With the next **FRITZ!OS** the FRITZ! home will get even smarter. It will be possible to integrate devices like sensors or door/window contacts that use HAN-FUN – an extension of the DECT ULE standard – into the home network. The FRITZ!Fon models will receive a new Smart Home start screen and an acoustic sensor will be activated locally in the smart plug FRITZ!DECT 200. Lamps or other connected devices will then react to clapping, knocking or the like. Additionally, the upcoming version will allow the FRITZ!Box to be used with mobile telephones that support CAT-iq 2.0.



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The technical details of all FRITZ!Box models presented at IFA

International prices and individual market release dates are not available at this time

FRITZ!Box 6430 Cable – The new FRITZ!Box Cable for beginners (trade fair premiere)

- 16 x 4 channel bonding according to DOCSIS 3.0 (880 Mbit/s downstream, 120 Mbit/s upstream)
- 3 x 3 Wireless N with 450 Mbit/s (2.4 GHz)
- 4 x gigabit LAN
- 2 x USB 2.0 ports
- DECT base station for telephones and Smart Home applications
- 2 x ports for analog telephones or fax (a/b port)

FRITZ!Box 6490 Cable: The top model for cable connections

- 24 x 8 channel bonding according to DOCSIS 3.0 (1320 Mbit/s downstream, 240 Mbit/s upstream)
- 3 x 3 dual-band Wireless AC+N (1300 Mbit/s + 450 Mbit/s)
- 4 x gigabit LAN
- 2 x USB 2.0 ports
- DECT base station for telephones and Smart Home applications
- Internal ISDN S₀ bus for ISDN telephones or ISDN telephone system
- 2 x ports for analog telephones or fax (a/b port)
- When combined with FRITZ!App TV or VLC player, transmits cable TV (DVB-C) via wireless LAN to mobile devices in the home network

FRITZ!Box 7580: The smart high-end wireless router for DSL connections

- For VDSL connections, supports vectoring
- Gigabit WAN port for flexible operation on cable or fiber optic modems
- 4 x 4 dual-band Wireless AC+N with Multi-User MIMO ("Wave 2") (1733 Mbit/s + 800 Mbit/s)
- 4 x gigabit LAN
- 2 x USB 3.0 ports
- DECT base station for telephones and Smart Home applications
- Internal ISDN S₀ bus for ISDN telephones or ISDN telephone system
- 2 x ports for analog telephones or fax (a/b port)

FRITZ!Box 7560: New VDSL router featuring Wireless AC+N

- VSDL port for up to 100 Mbit/s, supports vectoring
- Dual Wireless AC + N with 866 Mbit/s (5 GHz) + 450 Mbit/s (2.4 GHz) concurrently
- 4 x gigabit LAN ports for PC, game consoles and other network devices
- 1 x USB 2.0 port for printers and storage devices in the network
- DECT base station for telephones and Smart Home applications
- 1 port for analog telephone or fax (a/b port)



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FRITZ!Box 4040: The Wireless AC router for homes with latest network standards

- Gigabit WAN port for connecting a cable, DSL, fiber optic modem or an existing network
- 2 x 2 dual-band Wireless AC + N (866 Mbit/s + 400 Mbit/s)
- 4 x gigabit LAN
- 1 x USB 3.0 port + 1 x USB 2.0 port

FRITZ!WLAN Stick AC 430 MU-MIMO – smart WiFi for PC and notebook (trade fair premiere)

- Wireless AC with up to 430 Mbit/s with Multi-User MIMO
- Wireless N up to 150 Mbit/s
- Dual-band wireless (2.4 GHz or 5 GHz)
- Simple Stick & Surf procedure
- Best encryption with WPA2

FRITZ!Powerline 1260E – Gigabit Powerline with Wireless AC (trade fair premiere)

- Gigabit powerline with fast Wireless AC
- Network connection over the power lines with up to 1200 Mbit/s
- 1 x gigabit LAN port
- 2 x 2 dual-band Wireless AC + N (866 Mbit/s + 400 Mbit/s)
- Slim adapter integrates network-enabled devices into the home network quickly and simply over the home's electrical wiring
- Mobile computers, tablets and smartphones have wireless internet access in the entire living area
- Automatic 128-bit AES encryption ex works to protect data
- Maximum wireless LAN security with WPA2, simple configuration thanks to WPS

FRITZ!DECT 300 – The new, intelligent radiator control by AVM (trade fair premiere)

- Radiator control with intelligent switching
- Manages the room temperature automatically and precisely
- Helps save energy by reducing heating costs
- Simple setup via FRITZ!Box, easy handling using a PC, mobile devices
- Remote control with MyFRITZ!App
- Connected to your home network via securely encrypted DECT ULE
- Individual schedule selectable
- Open window detection, key lock, calcification protection
- Easy mounting for common radiator valves
- Updatable for new functions

FRITZ!DECT 210

- Smart plug with splash protection (IP44 class) for indoor and outdoor use
- Manual or automatic switching convenience with individual schedules
- Includes record of energy usage: measure, record, evaluate
- Integrated temperature sensor, extended temperature range
- Connected to your home network via securely encrypted DECT ULE
- Convenient control using a computer, notebook, smartphone or tablet
- New functions added through free updates