



**Press Release  
Cebit  
March 15, 2007**

## **FRITZ!Box Fon WLAN 7270**

### **Premiere for the New FRITZ!Box Fon WLAN 7270 – Combines ADSL, VDSL, WLAN 11n, DECT and Media Streaming for More DSL, More VoIP and More Multimedia**

- New top-of-the-range FRITZ!Box Fon WLAN 7270
- Integrated DECT base station; ADSL, ADSL 2+ and VDSL broadband
- More WLAN with 802.11n and MIMO technology
- Media streaming server for all music files at the USB port
- HD voice with 16 kHz broadband speech codec

Berlin/Hanover. **The FRITZ!Box family will be premiering its new flagship, FRITZ!Box Fon WLAN 7270, at this year's Cebit. Thanks to its wide range of features the new FRITZ!Box is now more than ever your central data hub for home Internet access. The new FRITZ!Box enables a previously unknown wide range of options: broadband access via ADSL, ADSL2+ and VDSL, and operation of cordless telephones using DECT. The new IEEE 802.11n (Draft 2.0) wireless standard, also in use for the first time, offers optimum transmission of data, speech and HD video in combination with MIMO multiple antenna technology. The integrated media server lets you listen to music in your entire network even when your PC is switched off.**

#### **ADSL and VDSL broadband**

The new FRITZ!Box Fon WLAN 7270 shares the award-winning details of the current FRITZ!Box line and is also incredibly easy to use. Using ADSL (6 Mbit/s), ADSL2+ (16 bit/s) and VDSL (50 Mbit/s) technologies, the new FRITZ!Box is ready for the future

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expansion of broadband connections. It supports permanent virtual connections (ATM PVC) for ADSL 2+ and virtual local networks (VLAN) for VDSL. This enables different quality of service classes for various services such as voice, video and Internet. FRITZ!Box Fon WLAN 7270 supports Internet Group Management Protocol (IGMP) for Internet streaming. IGMP is the standard for IP multicasting on the Internet, i.e. the sending of an IP data stream to several recipients simultaneously.

### **New WLAN features: 802.11n and eco mode**

For the first time, FRITZ!Box Fon WLAN 7270 enables WLAN connections using the future IEEE 802.11n wireless standard, which is ideal for simultaneous transmission of data, voice and multimedia. AVM uses the recently unveiled Draft 2.0 of 11n, which also defines compatibility. MIMO (Multiple Input Multiple Output) multiple antenna technology has increased WLAN quality and data transfer rates considerably. Wireless connections can also be established using 802.11g. FRITZ!Box is secure on delivery thanks to activated WPA encryption; WPA2 can be activated individually as required. WMM (Wi-Fi multimedia) ensures optimum wireless transmission of voice, data and multimedia and simultaneous transmission of multiple streaming applications. WLAN can be switched off using sleep mode or a switch. WLAN eco mode also lets you reduce power output considerably even when the device is in use. Thanks to eco mode, AVM already complies with the planned EU Code of Conduct on improving energy efficiency.

### **Integrated DECT – new sound with HD voice – VoIP encryption**

FRITZ!Box Fon WLAN 7270 makes placing calls over the Internet or your landline (analog and ISDN) easy and convenient. TAE sockets let you use existing telephones without the adapters required by other products. Cordless calls are also possible thanks to the new integrated DECT base station, which supports up to six mobile components. The new FRITZ!Box is compatible with the first phase of the new DECT cordless standard (CAT-iq), which offers better voice quality thanks to more bandwidth. The internal ISDN S0 connection lets you use up to 8 ISDN phones and PBXs to access VoIP and your landline. Integrated bandwidth management (quality of service) enables parallel applications such as VoIP and HD video streaming. FRITZ!Box Fon WLAN 7270 delivers with HD voice (High Definition) a brand-new sound quality for Internet telephony. It supports the Linear PCM 16 and PCMA 16 voice transmission standards with a 16-kHz

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sampling rate. RFC 3551 defines the application of these standards for Voice over IP (VoIP), enabling top voice quality in phone calls. Calls over the Internet can be encrypted as needed. AVM uses two internationally standardized protocols, TLS (Transport Layer Security) and SRTP (Secure Real-Time Transport Protocol) for this purpose. Using important familiar features from ISDN, such as toggling, call waiting, call divert and three-way conference calls, is intuitive with AVM's new FRITZ! product whether for Internet or landline calls.

### **More options – music server and new USB interface**

The FRITZ!Box Fon WLAN 7270 USB 2.0 port enables new network applications, and the integrated music server lets you listen to music in your entire network even when your PC is off. Hard drives connected to FRITZ!Box can be operated in Windows as conveniently as a local hard drive. You can even have secure access remotely using FTP. Thanks to AVM USB Remote Architecture (AURA), all devices connected to FRITZ!Box behave as if they were connected directly to your PC.

### **Comprehensive features for more security and convenience**

The new FRITZ!Box Fon WLAN 7270 features comprehensive software, including a telephone book, alarm clock, firewall, child lock, WLAN sleep mode and eco mode for reducing energy consumption. One button lets you pair handheld devices (DECT and WLAN), while another lets you switch WLAN on and off.