

# How do I install and configure my FRITZ!Box 7430 modem

Version 17.1003



You can always find the latest version here:

[edpnet.be/FB7430-installation-guide](https://edpnet.be/FB7430-installation-guide)

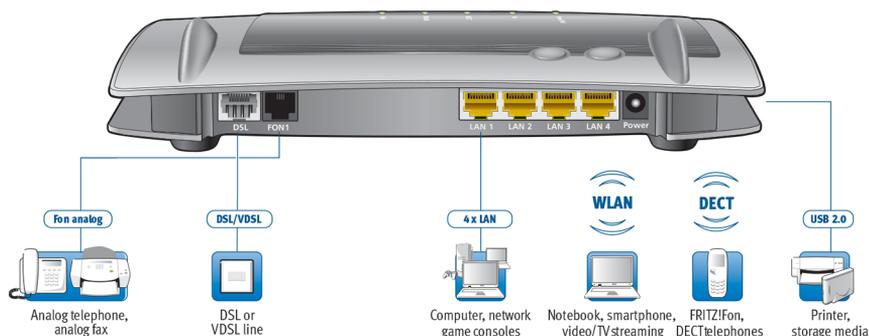
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# Contents of the box

- Fritzbox 7430
- Power supply unit
- DSL cable (grey) for connecting your FRITZ!Box to the splitter or phone socket
- Slim Ethernet cable (network cable)
- Edpnet manual
- Quick Start Guide from AVM

## Ports and Interfaces



### DSL/TEL

Socket for connecting to an ADSL or a VDSL line.

### FON 1

RJ11 socket for connecting analogue telephones, answering machines, fax and other analogue terminal devices.

### LAN 1 – LAN 4

Fast Ethernet (10/100 Base-T) sockets for connecting computers, network hubs, game consoles and other network devices.

LAN 1 is a LAN/WAN socket.

### Power

Socket for connecting the power supply unit.

### USB

USB 2.0 socket for connecting USB devices like printers or storage media.

### Wireless Access Point

Integrated wireless access point for connecting to wireless LAN devices that use the radio standard IEEE 802.11b, IEEE 802.11g or IEEE 802.11n in the 2.4 GHz frequency band (up to 450 Mbps gross).

## DECT base station

Integrated DECT base station for connecting up to 6 cordless telephones that use the DECT standard.

## Buttons & LEDs



### Buttons

#### WLAN / WPS

Switches wireless LAN on and off and establishes secure wireless LAN connections with WPS.

#### DECT

Registers and pages cordless telephones.

### LEDs

LED	Condition	Meaning
Power/DSL	On	FRITZ!Box has electrical power and the DSL line is ready for operation
	Flashing	Device has electrical power and the connection to DSL is being established or has been interrupted
Fon	On	Telephone connection to the Internet is ready
	Flashing	Messages in your voice mail or e-mail inbox
DECT	On	DECT function is enabled
	Flashing	Registration procedure for a DECT device in progress

LED	Condition	Meaning
WLAN	On	Wireless LAN is enabled
	Flashing	<ul style="list-style-type: none"> <li>Switching wireless LAN function on or off</li> <li>Applying changes to the wireless LAN settings</li> <li>Performing WPS</li> <li>WPS procedure aborted: more than two wireless devices are performing WPS at the same time. Repeat the WPS procedure</li> </ul>
Info	On	There is an event in the user interface under <b>System / Buttons &amp; LEDs / Info Display</b>
	Flashing	<ul style="list-style-type: none"> <li>Updating FRITZ!OS</li> <li>There is an event in the user interface under <b>System / Buttons &amp; LEDs / Info Display</b></li> </ul>
	Flashing red	Open the user interface and follow the instructions under <b>Overview</b>

## How to install the FRITZ!Box

### 1. Connect the FRITZ!Box to electrical power

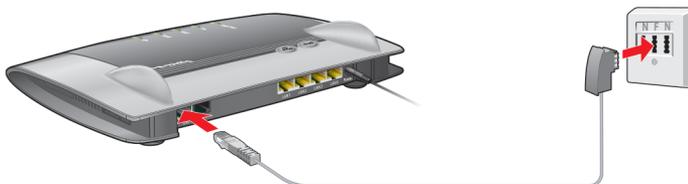
- Connect the power supply unit to the **Power** socket on your FRITZ!Box.
- Plug the other end into an AC power outlet



NOTE! After a few seconds the Power / DSL LED should start flashing. It means your FRITZ!Box is ready for operation. In case this LED doesn't flash and stays off, contact our customer service center on 03 265 67 00.

### 2. Connect the FRITZ!Box to your DSL line

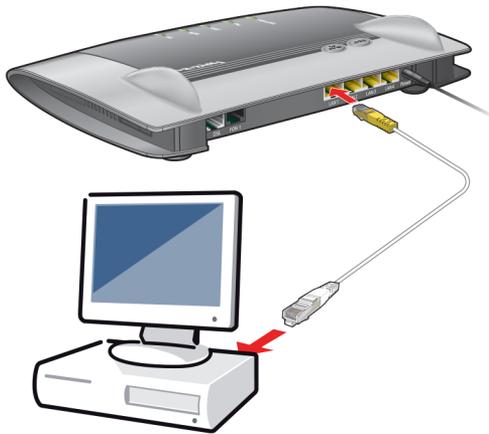
- Insert the grey DSL cable into the **DSL/TEL** socket on your FRITZ!Box.
- Insert the free end of the cable into the **DSL** or **Line** socket on the splitter or TF2007 phone socket.



### 3. Connect the FRITZ!Box to your computer

- Insert the network cable into the LAN socket of the computer.
- Insert the free end of the cable into the LAN socket on the FRITZ!Box.

Now you can log in to the user interface of the FRITZ!Box by surfing to <http://fritz.box> to personalize the settings for Internet, IP telephony and wireless LAN.



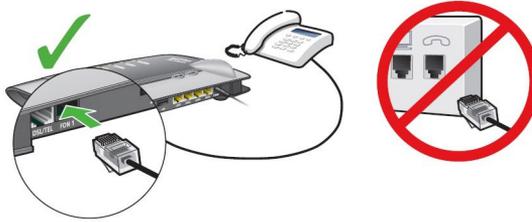
NOTE! In case you are going to use Wi-Fi, you don't have to connect your FRITZ!Box to the computer. You can access the user interface wirelessly. Please, find the unique WLAN credentials on the white sticker at the bottom of your FRITZ!Box: look for WLAN Network (SSID) and WLAN Network Key (WPA2).



# How to connect a telephone to the FRITZ!Box

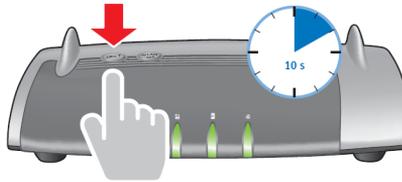
## Connecting an analogue telephone

In case you want to use your analogue telephone for edpnet telephony, simply connect your analogue phone to the FON socket on the FRITZ!Box instead of connecting it to the phone socket as you did before. After that, log in to the user interface of the FRITZ!Box and personalize the telephony settings.



## Connecting a DECT (cordless) telephone

1. Let the DECT phone find your FRITZ!Box as a base station.
2. Press and hold down the DECT button on the FRITZ!Box until the DECT LED on the FRITZ!Box flashes.



3. If you are asked for the PIN of the base station on your cordless telephone, enter the PIN of the FRITZ!Box. By default it's 0000. You can manage this PIN under DECT / Base Station if you go to the user interface of your FRITZ!Box.



4. Now you may log in to the user interface of the FRITZ!Box and personalize the telephony settings if your telephony is not yet configured.

# How to configure the FRITZ!Box automatically

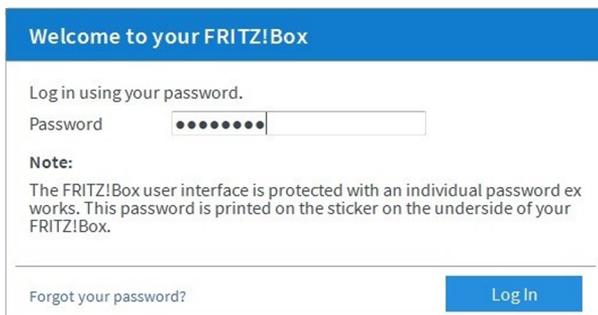
## Step 1 - Opening the user interface

Open your web browser (Internet Explorer, Firefox,...) and go to <http://fritz.box>

## Step 2 - Administrator password

First of all, you need to fill in the password of your FRITZ!Box 7430. You will find it on the white sticker at the bottom of your device (look for **FRITZ!Box password**).

After you fill in the password, press **Log In**.



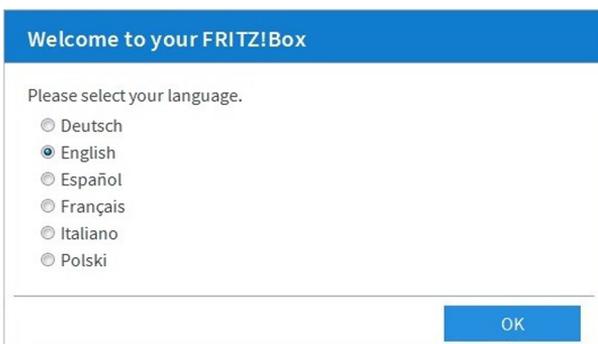
The screenshot shows a web browser window with a blue header that reads "Welcome to your FRITZ!Box". Below the header, the text "Log in using your password." is displayed. There is a "Password" label followed by a text input field containing ten black dots. Below the input field, a "Note:" section states: "The FRITZ!Box user interface is protected with an individual password ex works. This password is printed on the sticker on the underside of your FRITZ!Box." At the bottom left, there is a link "Forgot your password?". At the bottom right, there is a blue button labeled "Log In".

## Step 3 - Language choice

Now you see the wizard for the first basic configuration.

Select **English** or another language if preferred.

Click on **OK** to continue.



The screenshot shows a web browser window with a blue header that reads "Welcome to your FRITZ!Box". Below the header, the text "Please select your language." is displayed. There is a list of radio buttons with the following options: "Deutsch", "English" (which is selected), "Español", "Français", "Italiano", and "Polski". At the bottom right, there is a blue button labeled "OK".

## Step 4 - Regional setting

The language of the web interface has now changed to the language of your choice; in our case to English.

Next you see the screen to choose the regional setting.

In the drop-down list you select **Belgium** and click on **Next**.

### Step 5 - Selecting the Annex

In order to make a successful connection to the edpnet network, your device needs to be put into the correct Annex setting.

The Annex setting depends on the type of your connection.

Annex A	ADSL (PSTN) ADSL (Raw Copper)
Annex B	VDSL

Choose the corresponding Annex setting and press **Next**.

### Step 6 - Reboot

The Fritz!Box will now automatically reboot and after about 1 minute you will see a **Welcome** screen.

### Step 7 - Welcome screen

The next screen is the **Welcome** screen, where you can start the wizard to set up your internet connection.

You can click on **Next** to start the wizard.

Welcome

This Wizard assists you in configuring your FRITZ!Box.  
 All of the necessary basic settings are performed in just a few steps. You can cancel the Wizard at any time and continue configuration at a later point in time.  
 If you would like to import settings to your FRITZ!Box that were saved before in another FRITZ!Box or in a compatible Speedport device, click here: [Apply Settings](#) This closes the Configuration Wizard.

## Step 8 - Choosing your ISP

In the wizard you need to choose your ISP (=Internet Service Provider).  
 Choose **EDPNET** in the drop-down list and press **Next**.

Set Up Internet Connection

The FRITZ!Box requires Internet account information in order to establish a connection to the Internet.

Select your Internet service provider:

Internet service provider

## Step 9 - Confirm the settings

Here you need to confirm the settings.  
 When you choose **EDPNET** as your ISP, all the settings have been filled in automatically for your connection.  
 Press **Next**.

Set Up Internet Connection

Summary of the settings for the Internet connection

Connect via	Internet connection via DSL
Internet service provider	EDPNET
User name	getonline@EDPNET
Encapsulation	PPPoE
Rate structure	Flat rate or volume rate: the FRITZ!Box is always connected with the Internet. This setting is not suitable for Internet rates billed on the basis of connection time. <a href="#">Change rate structure</a>

Click "Next" to save and check the information on the Internet connection.

Check the Internet connection after saving

## Step 10 - Checking internet connection

Your device will now try to connect.

If there is a **green** line, it means the configuration has been finished successfully. Press **Next**.

Set Up Internet Connection

Summary of the settings for the Internet connection

Connect via	Internet connection via DSL
Internet service provider	EDPNET
User name	getonline@EDPNET
Encapsulation	PPPoE
Rate structure	Flat rate or volume rate: the FRITZ!Box is always connected with the Internet. This setting is not suitable for Internet rates billed on the basis of connection time.

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The Internet connection check was successful.

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**Improving the FRITZ!Box**

Automatically send error reports to AVM

Whenever an error occurs, the FRITZ!Box transmits a technical report to AVM. This report does not include any personal information and serves only to improve the FRITZ!Box. You can change this setting at any time under "Contents / AVM Services".

Back
Next >
Cancel

If there is a **red** line, check if your modem/router is still connected to the DSL line and if it gained synchronization (the **Power** LED is on and not blinking). If you are not sure if your device is receiving a DSL signal, please, contact our customer service on **03 265 67 00**.

Set Up Internet Connection

Summary of the settings for the Internet connection

Connect via	Internet connection via DSL
Internet service provider	EDPNET
User name	getonline@EDPNET
Encapsulation	PPPoE
Rate structure	Flat rate or volume rate: the FRITZ!Box is always connected with the Internet. This setting is not suitable for Internet rates billed on the basis of connection time.

-----

The Internet connection check failed. Faulty DSL connection. Make sure the DSL cable is connected properly.

Back
Next >
Cancel

## Step 11 - Telephony setup

You can skip this step if you do not use VoIP telephony or if you are using edpnet telephony. Everything will be configured automatically.

### NOTE!

If you want to set up more than 3 numbers, they will not be configured automatically. You can follow the steps in the manual configuration part of this guide (Page 12).

## Step 12 - Setting up wireless LAN (Wi-Fi)

You can leave the configuration as it is because your wireless connection is already configured on the FRITZ!Box.

The network name and password of your wireless connection can be found on the white sticker at the bottom of your device (look for **WLAN Network (SSID)** and **WLAN Network Key (WPA2)**). The WLAN password is unique for every FRITZ!Box.

You can also change the network name (SSID) and password of your wireless connection. For that, see **How to configure the FRITZ!Box manually** (Page 14).

If you are going to change the Wi-Fi settings, we strongly recommend writing them down.

Press Finish wizards.

Your FRITZ!Box can create a wireless radio network. You can assign any name desired to this radio network. As soon as the radio network has been enabled, you can register wireless devices with it. Upon delivery the wireless LAN of your FRITZ!Box is switched on and encrypted with its own password at a high security level.

Your radio network is configured with the following settings:

Name of the radio network (SSID)   
 Network key

[Display/Print wireless LAN settings](#)

The individualized network key assigned at the factory is also printed on the sticker on the base of your FRITZ!Box housing:



[Change WLAN settings](#)

[Finish wizards](#)

[Cancel](#)

## Step 13 - Wait and verify

We advise you to wait for about ten minutes while your device is being automatically configured.

You are about to surf on the Internet and call with your edpnet telephony!

Check if your internet connection is up and running by going to **Internet - Online Monitor** in the menu on the left and checking if both DSL and Internet LEDs are green.

 The screenshot shows the FRITZ!Box 7430 web interface. The top navigation bar includes "FRITZ!Box 7430", "FRITZ!NAS", and "MyFRITZ!". The left sidebar contains menu items: Overview, Internet, Telephony, Home Network, Wireless, DECT, Diagnostics, System, and Wizards. The main content area is titled "Overview" and displays the following information:
 

- Model:** FRITZ!Box 7430
- Current power consumption:** 49%
- FRITZ!OS:** 06.52
- Connections:**
  - Internet: connected since 04.05.2017, 16:03. Provider: EDPNET. IP address: 109.236.138.189.
  - Telephony: no Telephone numbers configured.
- Interfaces:**
  - DSL: connected, ~ 60,2 Mbit/s ~ 10,1 Mbit/s
  - LAN: connected (LAN 1)
  - Wireless: on. Radio network: FRITZ!Box 7430 T1
  - DECT: off
  - USB: no device connected
- Calling Statistics:**
  - Calls today: 0
  - No calls
- Answering Machine:** today: 0. Answering machine disabled.
- Home Network:** enabled: 1
- Convenience Features:**
  - Telephone book: 1 Contact in Telephone book
  - Storage (N.A.S): 1 MB used, 17 MB free
  - Parental controls: ready

If you still have no access to the Internet after ten minutes passed, please, follow the steps below.

# How to configure the FRITZ!Box manually

## Step 1 - Opening the user interface

Open your web browser (Internet Explorer, Firefox,...) and go to <http://fritz.box>

## Step 2 - Administrator password

First of all, you need to fill in the password of your FRITZ!Box 7430. You will find it on the white sticker at the bottom of your device (look for **FRITZ!Box password**).

After you fill in the password, press **Log In**.

## Internet connection

### Step 3 - Online Monitor

Click on **Internet** in the menu on the left and go to **Online Monitor**.

In the window of **Online Monitor** you can check the status of your internet connection. (If there is a DSL-signal on your line, you will see a green LED next to **DSL** under **Interfaces**.)

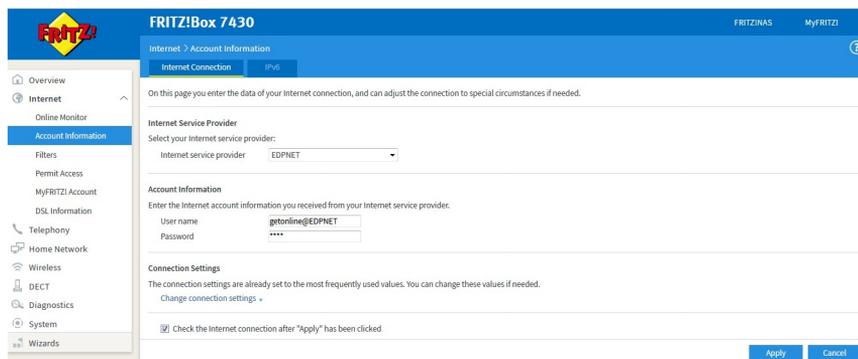
Click on **Account Information** in the menu on the left.

### Step 4 - Administrator password

Choose **EDPNET** in the drop-down list of **Internet Service Providers**.

The only thing you have to fill in at this step is your connection logins (username and password) which you received from edpnet.

Then press **Apply**.



The screenshot shows the FRITZ!Box 7430 web interface. The top navigation bar includes the FRITZ! logo, the device model 'FRITZ!Box 7430', and user information 'FRITZ!NAS MyFRITZ!'. The main content area is titled 'Internet > Account Information' and has tabs for 'Internet Connection' and 'IPv6'. A sidebar on the left contains a menu with options like Overview, Internet, Online Monitor, Account Information (selected), Filters, Permit Access, MyFRITZ! Account, DSL Information, Telephony, Home Network, Wireless, DECT, Diagnostics, System, and Wizards. The main content area contains the following sections:

- Internet Service Provider:** A dropdown menu with 'EDPNET' selected.
- Account Information:** Fields for 'User name' (filled with 'getonline@EDPNET') and 'Password' (masked with '\*\*\*\*').
- Connection Settings:** A note stating 'The connection settings are already set to the most frequently used values. You can change these values if needed.' and a link 'Change connection settings'. A checkbox 'Check the Internet connection after "Apply" has been clicked' is checked.

At the bottom right, there are 'Apply' and 'Cancel' buttons.

If the logins have been filled in correctly, the **Internet** LED will become green on the **Overview** screen.

It means your device is connected to the Internet!

**FRITZ!Box 7430** FRITZINAS MyFRITZ!

Overview

Model: FRITZ!Box 7430  
Current power consumption: 45%

FRITZ!OS: 06.52

**Connections**

- Internet: connected since 04.05.2017, 16:03  
Provider: EDNET  
IP address: 199.236.138.189
- Telephone: no Telephone numbers configured

**Interfaces**

- DSL: connected, ~ 60,2 Mbit/s ^ 10,1 Mbit/s
- LAN: connected (LAN 1)
- Wireless: on, Radio network: FRITZ!Box 7430 T1
- DECT: off
- USB: no device connected

**Calls** today: 0 more...

No calls

**Home Network** enabled: 1 more...

- NTB-026 LAN

**Answering Machine** today: 0 more...

Answering machine disabled

**Convenience Features**

- Telephone book: 1 Contact in Telephone book
- Storage (NASC): 1 MB used, 17 MB free
- Parental controls: ready

## Telephony

You may skip these settings in case you are not using edpnet telephony.

## Step 5 - Telephony Menu

To set up your phone numbers, go to **Telephony** in the left menu of the main screen (**Overview**).

Then click on **Telephone Numbers** in the left menu.

## Step 6 - Telephone Numbers

In the first tab (**Telephone Numbers**) you can set up a new telephone number by pressing **New telephone number**.

**FRITZ!Box 7430** FRITZINAS MyFRITZ!

Telephony > Telephone Numbers

Telephone Numbers Line Settings

On this page you can set up and edit your own telephone numbers.

Status	Telephone Number	Line	Provider	Preselection
			No telephone numbers are configured.	

Print List New telephone number

## Step 7 - Internet telephony setup

Fill in all VoIP-settings for your phone number in the next window.

Choose *Other provider* under **Telephony provider**.

**Internet telephone number:** your phone number (e.g. 032656700)

**Internal telephone number:** your phone number without prefix (e.g. 32656700)

**FRITZ!Box 7430** FRITZINAS MyFRITZ!

Entering New Internet Telephone Numbers

Select your internet telephony provider and enter the registration data sent to you.

Telephony provider: Other provider

Telephone Number for Registration*	Internal Telephone Number in the FRITZ!Box*
032656700	32656700

Other Telephone Numbers

**User name:** your phone number (e.g. 032656700)

**Password:** your VoIP-password

**Registrar:** voip.edpnet.be

Other settings may remain unchanged. Press **Next**.

#### Entering New Internet Telephone Numbers

Under "Other Telephone Numbers" you can create additional telephone numbers, as long as they have same account information (user name and password) as the first telephone number. Telephone numbers with other account information can be configured later using the "New Telephone Numbers" button under "Telephone Numbers".

#### Account Information

User name

Password

Registrar

Proxy server

#### Features

DTMF transmission

Insert area code for outgoing calls

Enter your area code:

Area code

Next

Cancel

## Step 8 - Save settings and check telephony

Verify if all the settings are filled in correctly.

Press **Back** if you want to change anything.

Press **Next** if the settings seem correct.

Your settings will be checked now.

If the configuration is successful, press **Next**.

#### Saving Internet Telephone Numbers

You entered the following registration information for the new Internet telephone number:

Provider	Other provider
Internet Telephone Number	032656700
User name	032656700
Registrar	voip.edpnet.be
Proxy server	

In the next step the registration data will be saved in the FRITZ!Box. Then a check will be performed to make sure that the configuration was completed successfully and that the configured Internet telephone number now can be used to make telephone calls.

Back

Next

Cancel

If the configuration has been finished successfully, the Status LED next to your phone number will become green.

Telephony > Telephone Numbers ?

Telephone Numbers | Line Settings | Voice Transmission

On this page you can set up and edit your own telephone numbers.

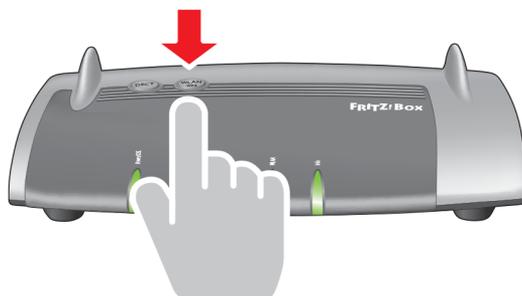
Status	Telephone Number	Line	Provider	Preselection	
●	[your phone number]	Internet	voip.edpnet.be	*121#	✎ ✕

Print List | New telephone number

## Wireless

### Step 9 – Press the WLAN button

In case the WLAN LED is off, press the WLAN button on the FRITZ!Box and hold it down until the WLAN LED starts flashing and the wireless LAN will be established.



### Step 10 – Set Up the Network Name (SSID)

In the user interface select **Wireless** in the left menu.

Choose **Radio Network**. In the field next to *Name of the wireless radio network (SSID)* fill in the name of your wireless network. Press **Apply**.

FRITZ!Box 7430 FRITZ!NAS MyFRITZ!

Wireless > Radio Network ?

Your FRITZ!Box can make a wireless radio network available at your location. You can assign any name desired to this radio network. As soon as the radio network has been enabled, wireless devices are welcome to log on to it. The list of the known wireless devices is displayed so that you can edit and restrict access.

**Known Wireless LAN Devices**  
The list shows the wireless devices which are currently connected with the FRITZ!Box or which the FRITZ!Box knows from previous connections.

Name	IP Address	MAC Address	Data Rate (Mbit/s)	Properties
No wireless devices are logged on to the FRITZ!Box at this time.				

Show unsuccessful registration attempts ▾

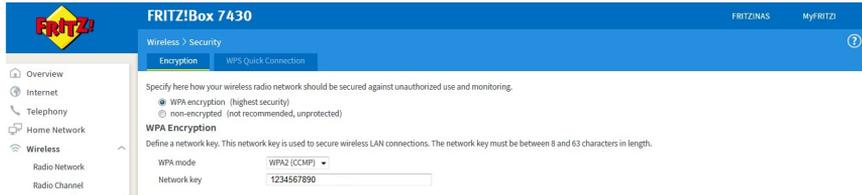
**Radio Network**  
 Wireless radio network enabled  
The wireless radio network of your FRITZ!Box is visible for other wireless devices and designated with a name, known as the SSID.

Name of the wireless radio network (SSID)

## Step 11 – Set Up the WLAN Network Key (WPA2)

Choose **Security** under **Wireless** in the left menu.

Fill in the WLAN network key in the field next to **Network key** under **WPA Encryption**. Press **Apply**.





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