FRITZ!BOX 7530
Configuration interface

INTRODUCTION

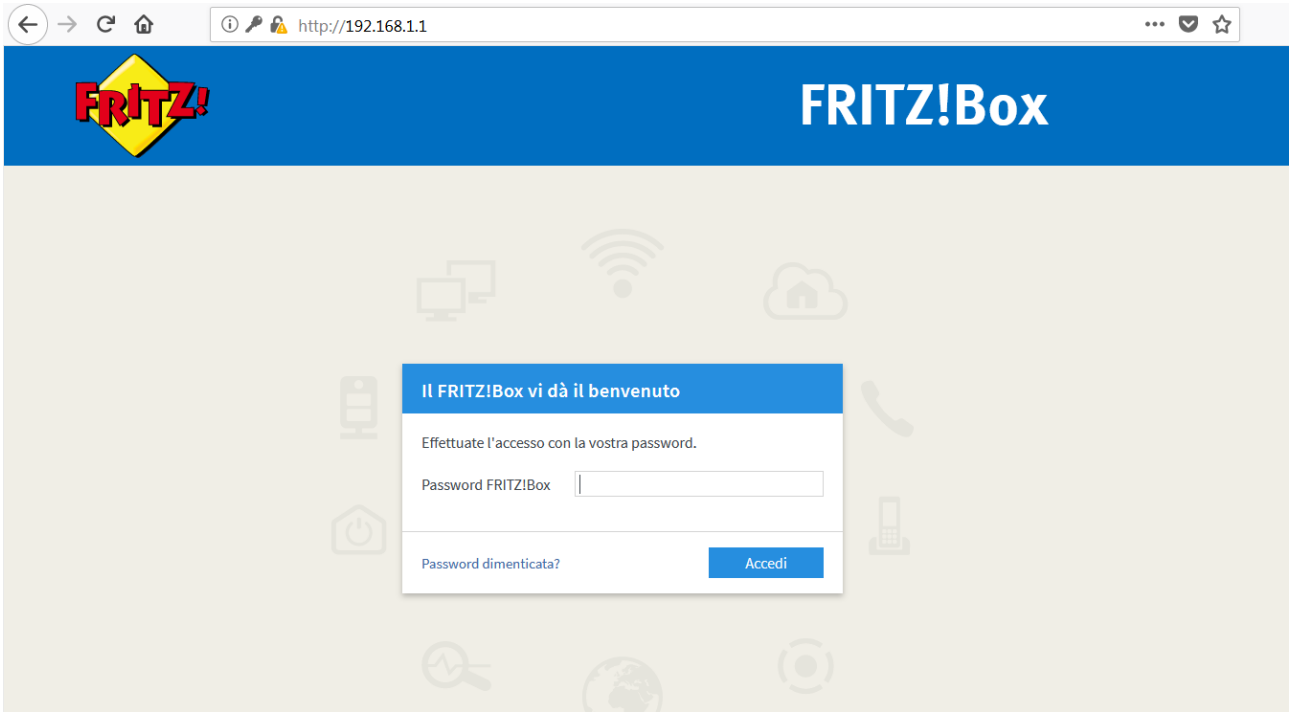
This manual describes the main functions that can be viewed and changed by accessing the **FRITZ!Box 7530 router with Firmware version 7.**

You can access the user interface of the FRITZ!Box router through a web browser, from a computer or from mobile devices such as tablets and smartphones. Through the user interface you can configure the device, enable/disable functions and obtain information on the status of the router and of your connections.

HOW TO ACCESS

To access the user interface, connect a device such as a PC, smartphone or tablet to the router, by cable or wirelessly.

- Open the browser you use for browsing **(Safari, Firefox, Edge, Chrome);**
- In the address bar, type **http://192.168.1.1**
- Enter the **Password** shown on the grey label underneath the router and click **Registrazione** (Log In).



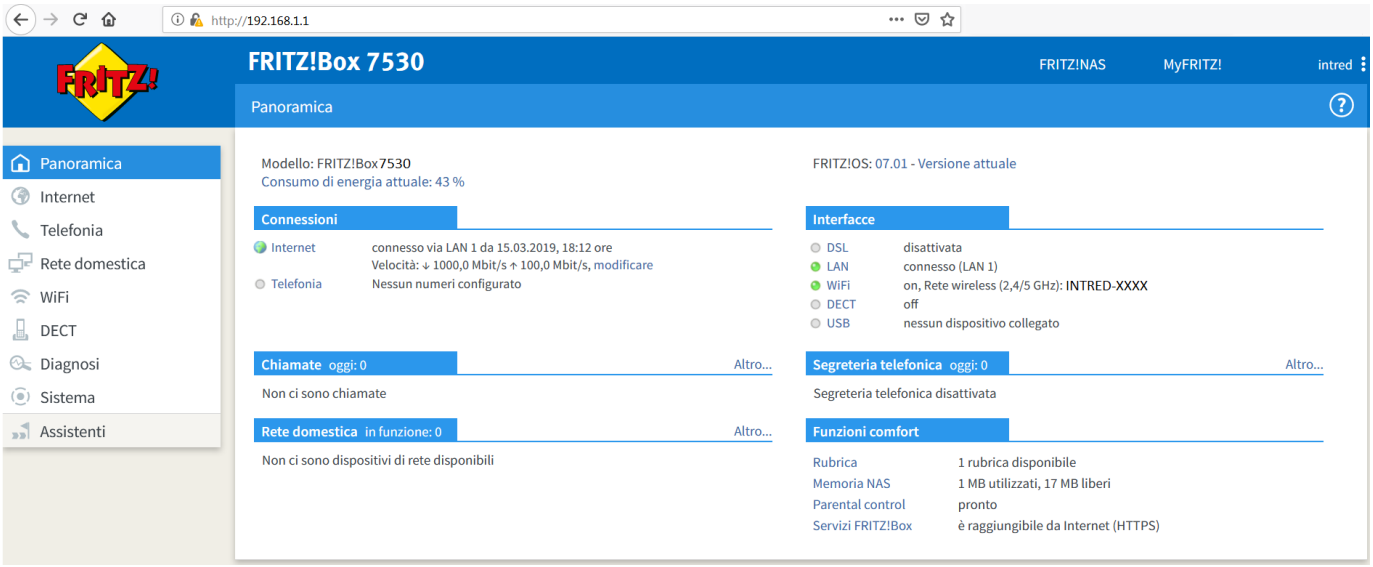
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OVERVIEW

The main overview screen of the router shows all the information about the FRITZ!Box router.
This screen shows the FRITZ!Box model and the operating system version. If the device is updated to the latest version, the words "Versione attuale" (Current version) will be shown. Otherwise, if updates are available, a clickable link with the words "Aggiornamento disponibile" (Update available) will be shown.
The central part of the window shows all the general information on the status of the line, including:

- **Connessioni e Connettività** (Connections and Connectivity)**:** information on links and connections.
- **Chiamate** (Calls)**:** list of the latest calls made or received (the data is only shown if the telephone service with Intred is active).
- **Segreteria telefonica** (Answering machine)**:** the answering machine service is not active.
- **Rete domestica** (Home network)**:** information on the devices currently connected to the router. The word WLAN next to a device indicates a wireless connection, while the word LAN indicates a cable connection.
- **Funzioni comfort** (Comfort functions)**:** value-added services; for more details, see the full user manual of the device at the following address: https://assets.avm.de/files/docs/fritzbox/fritzbox-7530/fritzbox-7530_man_it_IT.pdf



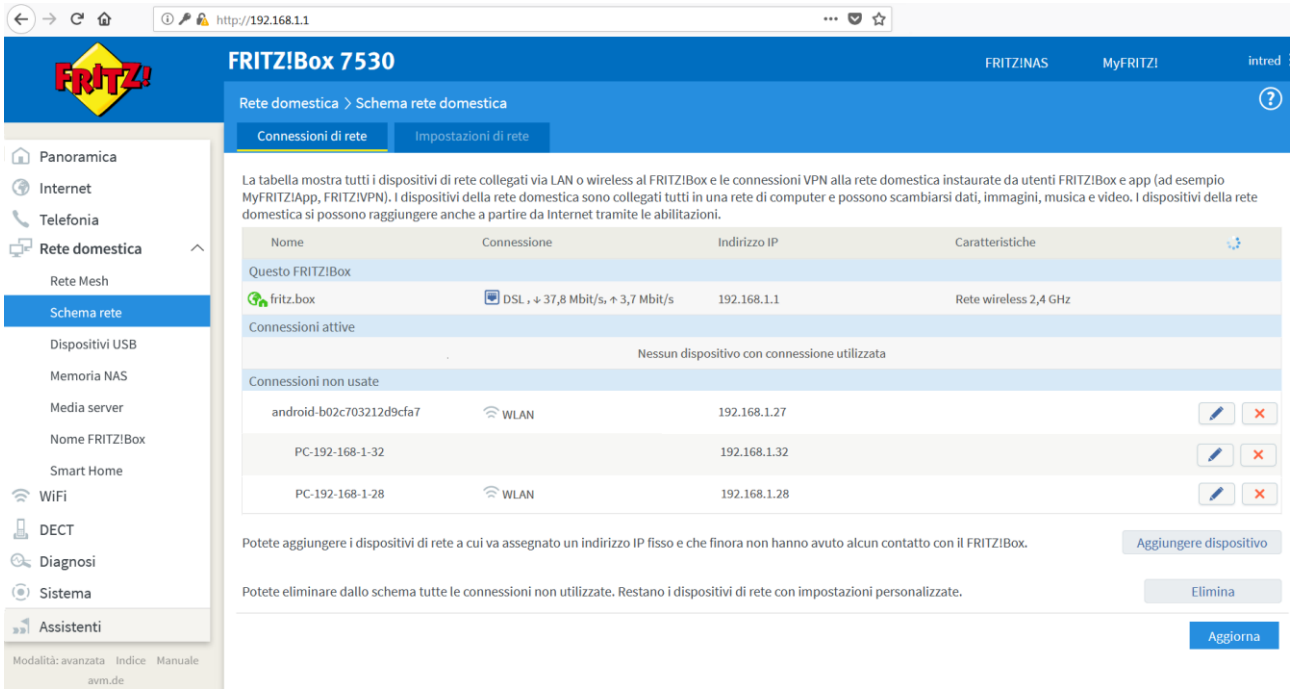
HOME NETWORK SECTION

SCHEMA RETE (NETWORK)

In most home networks there is no need to change the LAN settings, and all devices connected to the router should be able to browse normally. Only change the IP addressing data if your network has specific requirements. Please note that changing these parameters could cause one or more devices on the network to malfunction, so we advise against changing the settings on this screen unless you have in-depth knowledge of the subject.

To change the network settings, click **Rete domestica** (Home Network) **-> Schema rete** (Network) in the left menu bar.

The first section, "Connessioni di rete" (Network connections), shows all the devices that have connected to the router at least once. You can change a device's parameters using the pencil icon on the device's row. You can also remove the device from the network using the red X icon on the corresponding row.



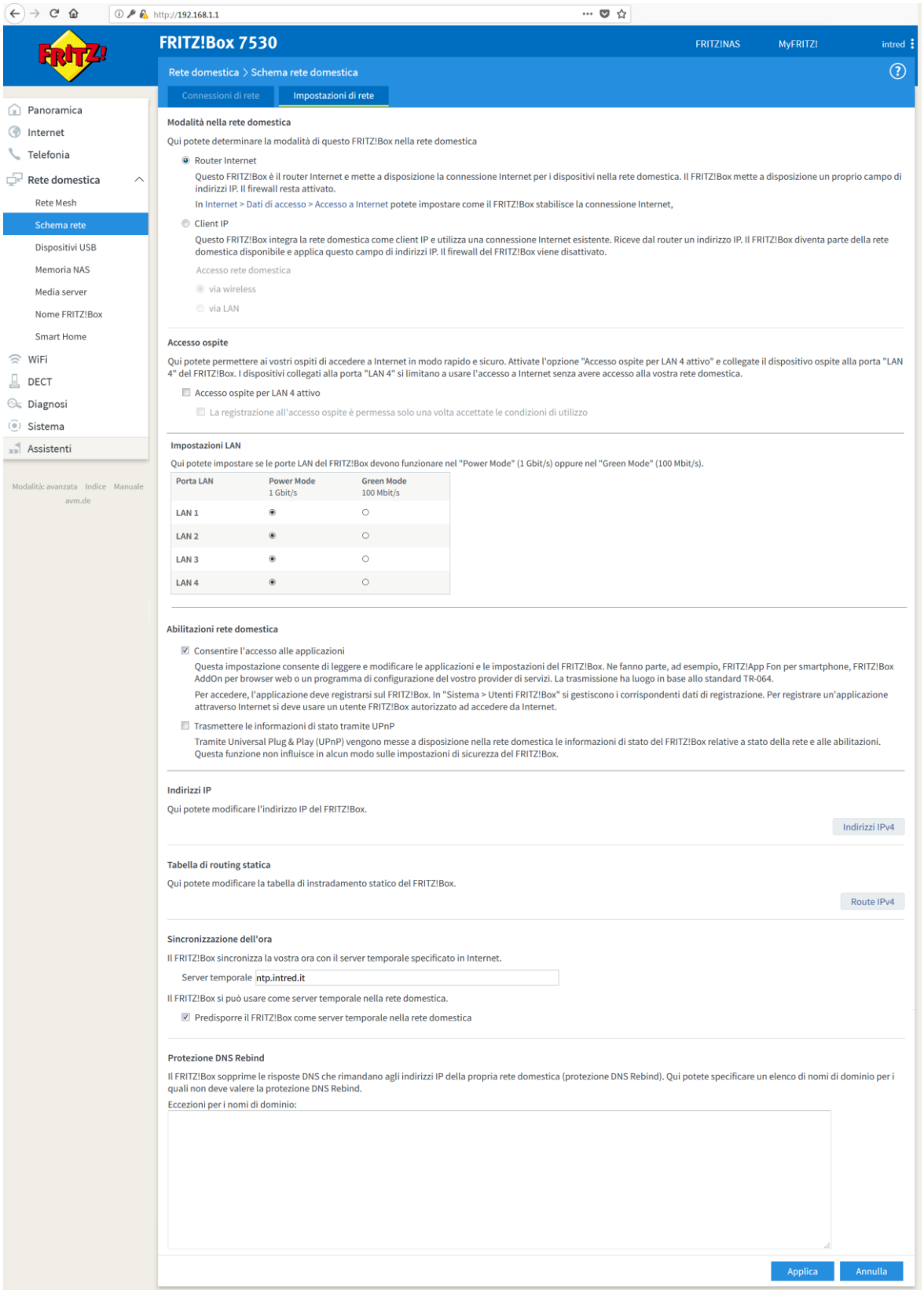
To change the LAN settings, click **Impostazioni di rete** (Network Settings).

Scroll down the page and click **Indirizzi IPv4** (IPv4 Addresses) in the Indirizzi IP (IP Addresses) section.

If you intend to change other options and configurations in this section, you can consult the technical support section of the AVM website. Its search engine and FAQs provide all the information you need to configure this section.
To access the site, use the following address: https://it.avm.de/assistenza/fritzbox/fritzbox-7530/panoramica/

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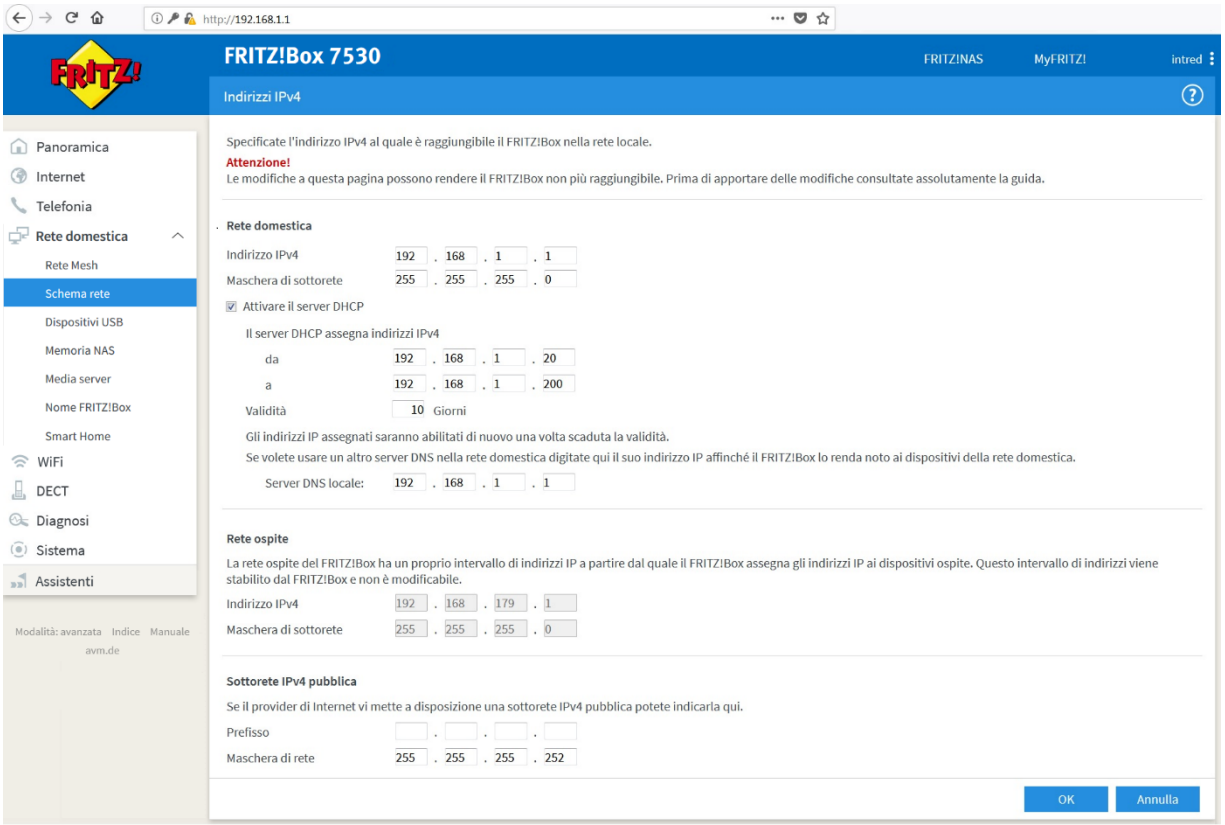
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The network mapping of the IP addresses currently set on the device is now shown. Change the **Indirizzo IPv4** (IPv4 Address) field, setting the IP address to be assigned to the router.

The class and the DHCP server settings will change automatically once the IP assigned to the router has been reset. Change the addresses in the **Da** (From) and **A** (To) fields if necessary, as required. Please remember that the **Server DNS locale** (Local DNS server) field must not be changed under any circumstances.

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WiFi SECTION

RETE WIRELESS (WI-FI NETWORK)

In this section you can view and change the settings for your wireless network.

In the menu bar on the left, click **WiFi -> Rete wireless** (Wi-Fi Network).

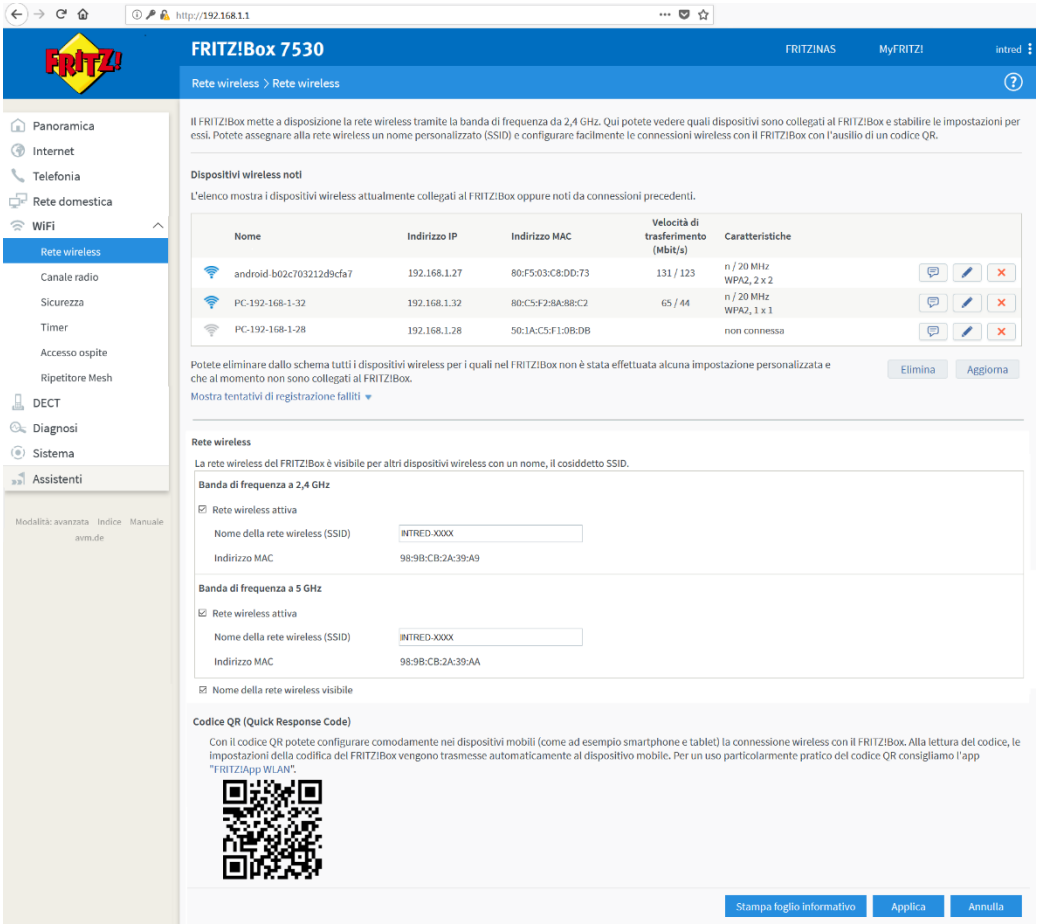
The FRITZ!Box router has both the 2.4 GHz and the 5 GHz networks enabled by default.

A screen will be shown listing all the devices that have paired with the FRITZ!Box router at least once (grey WiFi symbol) and the devices currently connected (light blue WiFi symbol).

Scrolling down the screen, in the **Rete wireless** section, for each of the two available networks you can:

- Enable or disable the network with the **Rete wireless attiva** (Wi-Fi network enabled) option.
- Change the network name (SSID): this name will be displayed by devices when they search for the network.
- Hide or show the SSID with the **Nome della rete wireless visibile** (Wi-Fi network name visible) tick box.

Click **Applica** (Apply) for the changes to take effect.



RADIO CHANNEL

In the menu bar on the left, click **WiFi -> Canale radio** (Radio Channel).
The FRITZ!Box automatically checks the wireless environment and uses the best settings for the radio channel. The optimal signal configurations are already set by default.
Tick **Adeguare le impostazioni per il canale radio** (Adjust radio channel settings) to change the transmission channel. Two drop-down menus will become active, one per network, from which you can change the transmission channels.

For the 2.4 GHz network, select a channel between 1 and 13: preferably select the setting with the least overlap with existing networks. The recommended channels are 1-6-11, provided they do not already overlap with other networks and are therefore subject to interference.

For the 5GHz network, the lower-frequency channels are recommended, provided they do not already overlap with other networks and are therefore subject to interference.

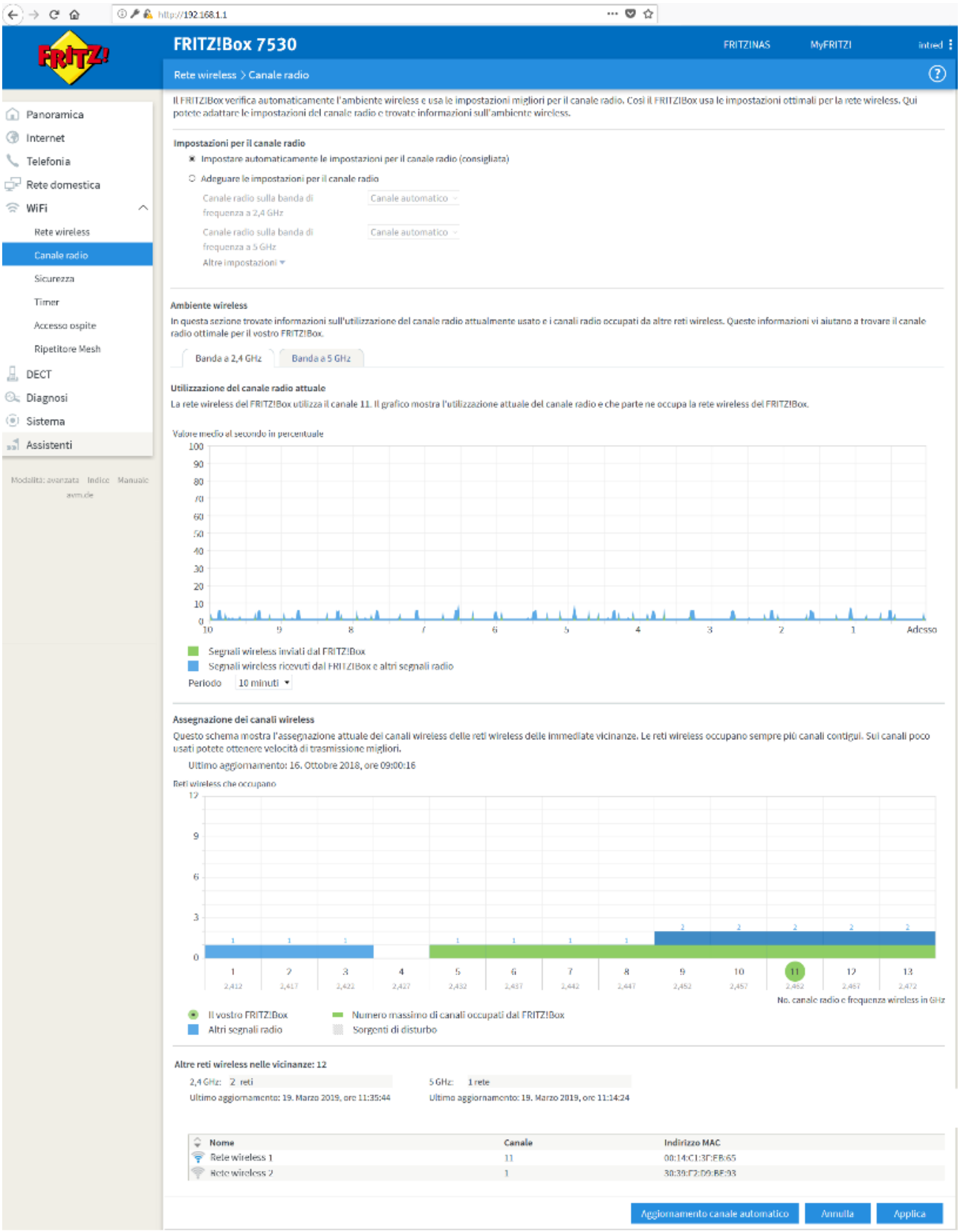
Once you have selected the channel, click **Applica** (Apply): the chart showing the wireless channel allocation will change according to the channel set.

Here too, selecting Banda a 2,4 GHz (2.4 GHz band) or Banda a 5 GHz (5 GHz band) will show the chart for the chosen network.

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SECURITY

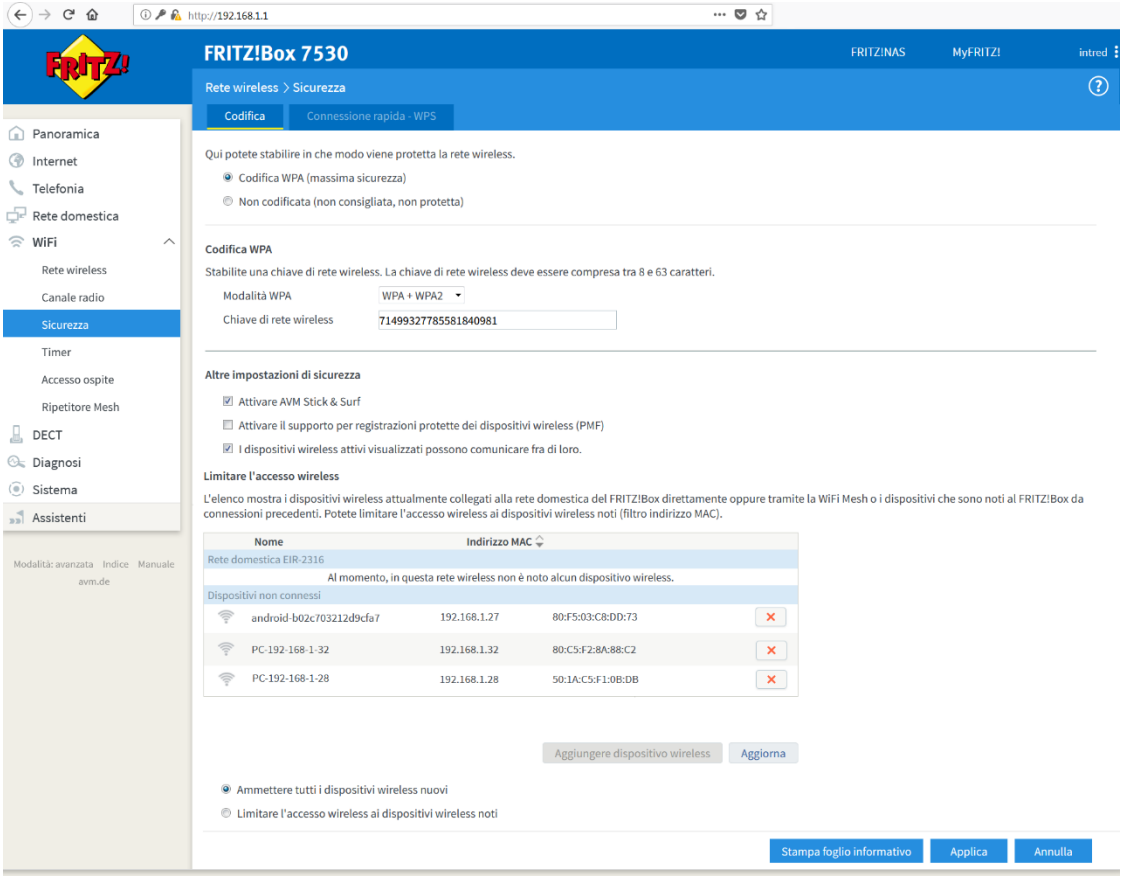
In the menu bar on the left, click **WiFi -> Sicurezza** (Security).
In this section you can protect access to the wireless network with an authentication password.
A password is already set by default, and is shown on the label on the back of the router next to **WiFi Network Key.**

From the settings on this screen you can:

- Change the Codifica WPA (massima sicurezza) option (WPA encryption, maximum security) to the non codificata (non consigliata, non protetta) option (unencrypted, not recommended, not protected): we advise against this, as anyone could then connect to the network without entering a password.
- Change the encryption method: we always recommend keeping **WPA + WPA2** encryption to avoid some devices on the network malfunctioning.
- Set the password for accessing the WiFi network: change the value in the **Chiave di rete wireless** (Wi-Fi network key) field.

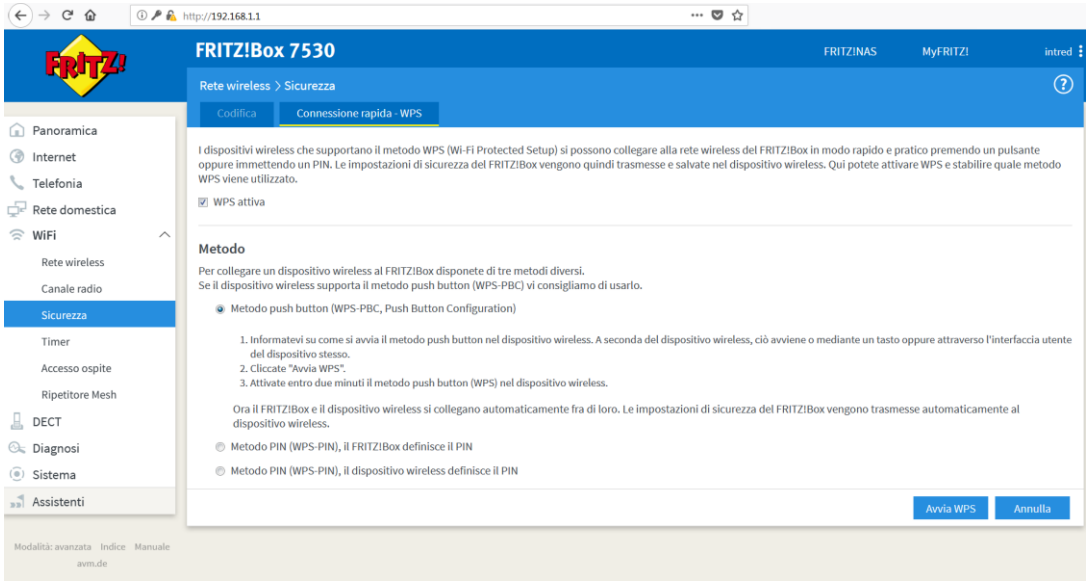
Click **Applica** (Apply) for the changes to take effect.

If you intend to change other options and configurations in this section, you can consult the technical support section of the AVM website. Its search engine and FAQs provide all the information you need to configure this section.
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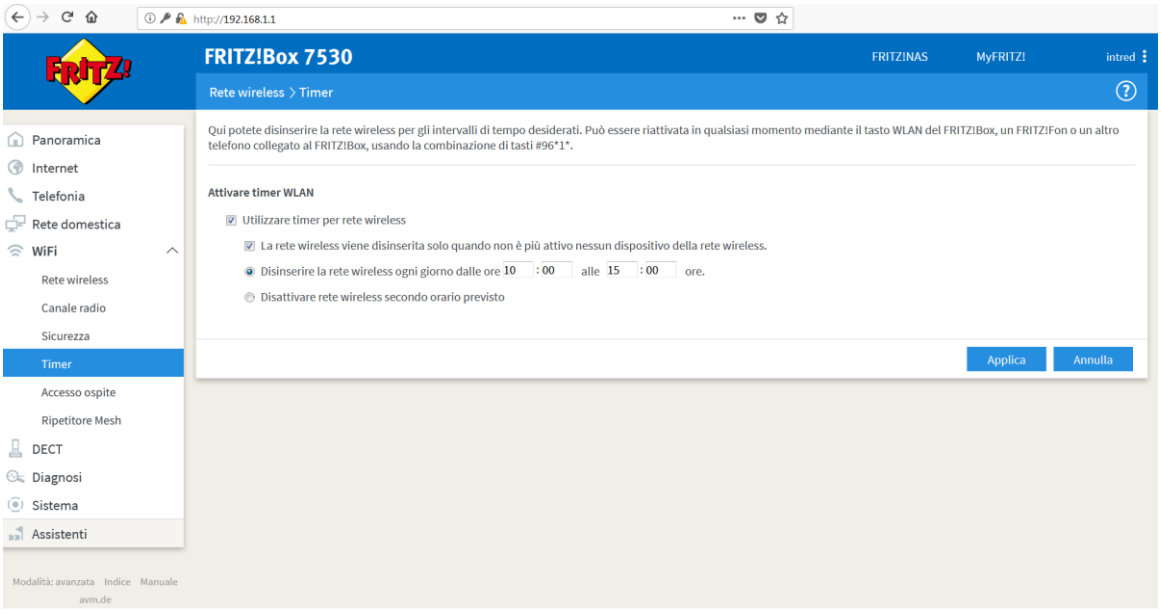
To allow a device to synchronise via the WPS protocol, click **Connessione rapida - WPS** (WPS Quick Connection) (the default setting uses the push-button method).

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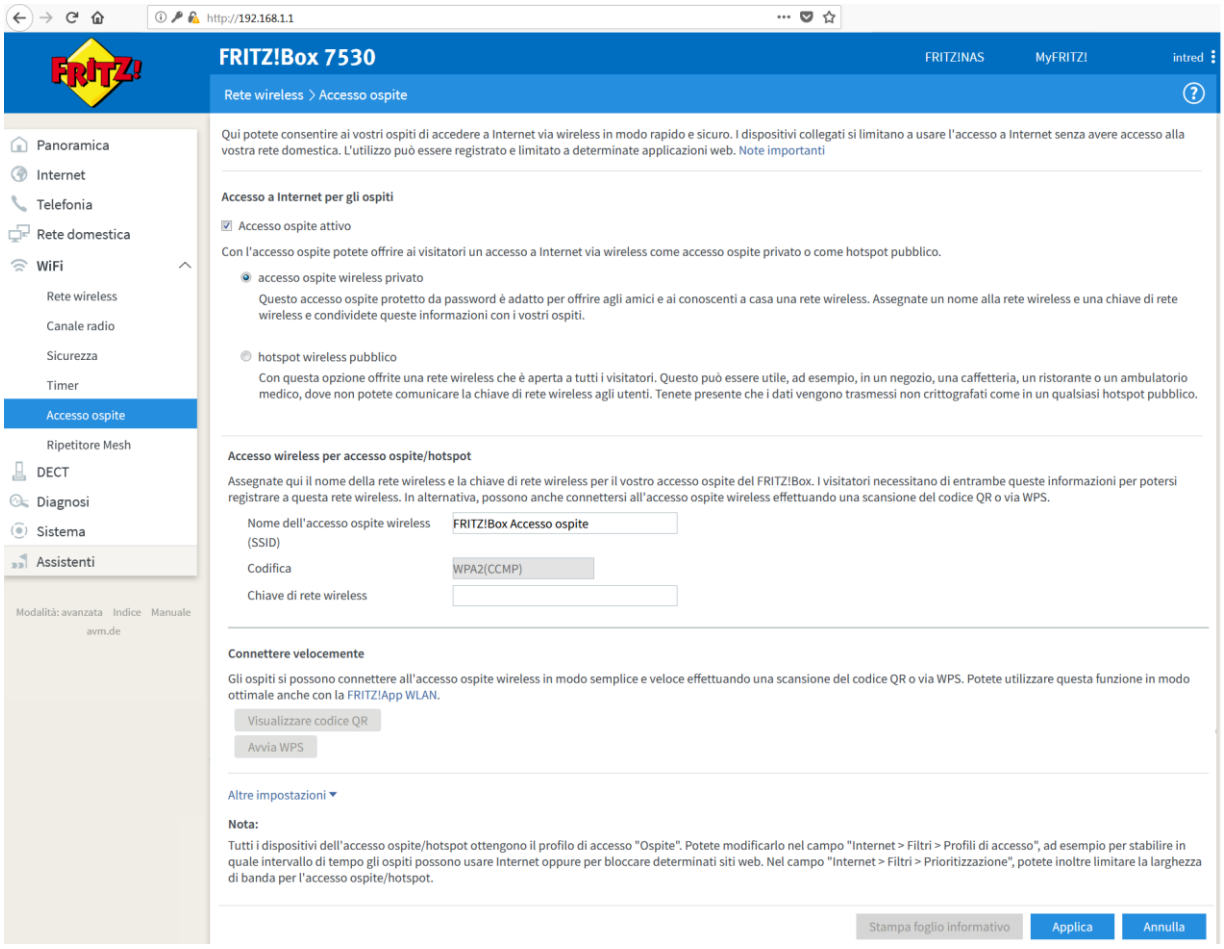
TIMER

In the menu bar on the left, click **WiFi -> Timer.**
In this section you can switch the wireless network off or on only during specific time slots of your choice.
Tick **Utilizzare timer per rete wireless** (Use timer for Wi-Fi network) to enable the option.
Fill in the fields as required and finally click **Applica** (Apply).



GUEST ACCESS

In the menu bar on the left, click **WiFi -> Accesso Ospite** (Guest Access).
In this section you can create a second wireless network for guest devices to access.
Tick the **Accesso ospite attivo** (Guest access enabled) option to enable access. Set the network name in the **Nome dell'accesso ospite wireless (SSID)** (Name of the guest Wi-Fi network (SSID)) field. Finally, set the guest network password in the **Chiave di rete wireless** (Wi-Fi network key) field. To configure advanced guest access settings, click **Altre impostazioni** (Further settings) and proceed as required. Finally, click **Applica** (Apply).



INTERNET SECTION

ABILITAZIONI (PERMIT ACCESS) - PORT OPENING

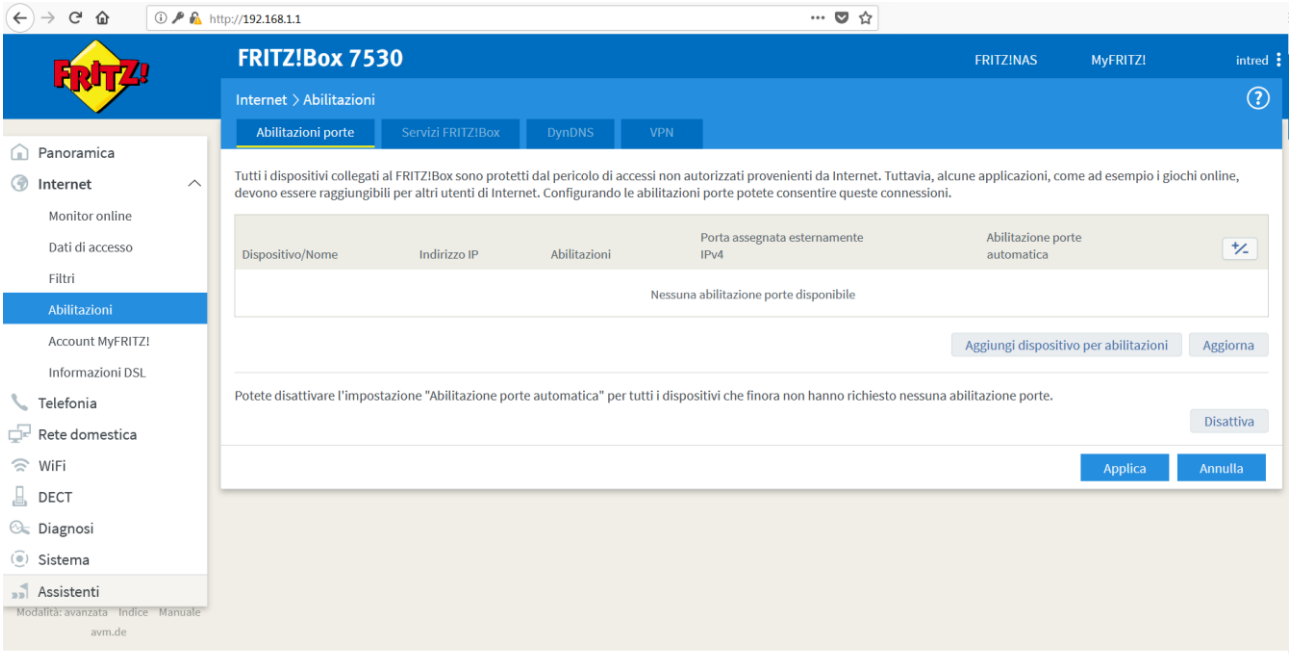
In the menu bar on the left, click **Internet -> Abilitazioni** (Permit Access).

Intred residential lines are currently configured with NAT (private IP/shared public IP). As a result, the configurations applied in the **Abilitazioni porte** (Port Sharing) section **(port opening)** may not work even if they are set correctly. If, after port opening has been set correctly, the services still do not work properly, you will need to contact Intred Sales Support and subscribe to the **Static Public IP** service.

Please remember that the current NAT configuration of the Intred line does not in any way prevent a normal browsing experience, and all Internet services remain fully usable.

Only proceed with the necessary configurations after subscribing to the **Static Public IP** service.

Then click **Aggiungi** dispositivo per abilitazioni (Add Device for Sharing).

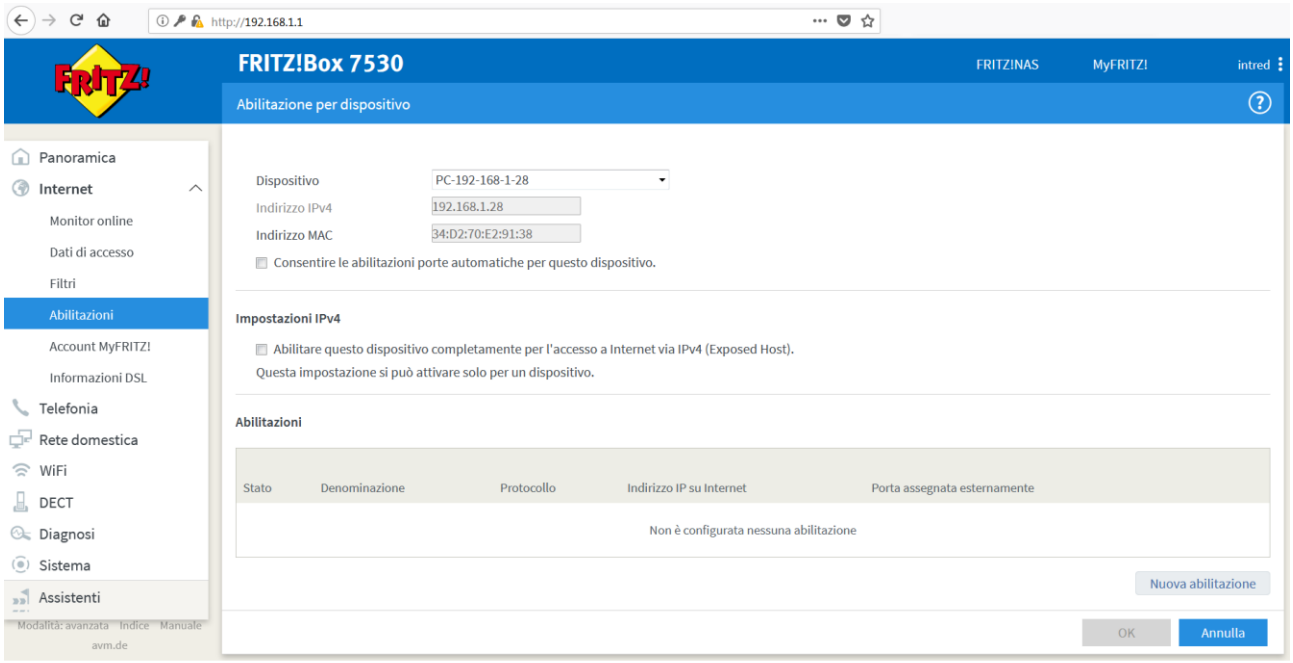


Now, from the **Dispositivo** (Device) drop-down menu, select the device that needs the permissions (port opening).

If the device is not connected to the FRITZ!Box router, select **Immettere manualmente l'indirizzo IP** (Enter IP address manually) from the drop-down menu and fill in the **Indirizzo IPv4** (IPv4 Address) field with the IP address of the device for which you need to create the permissions.

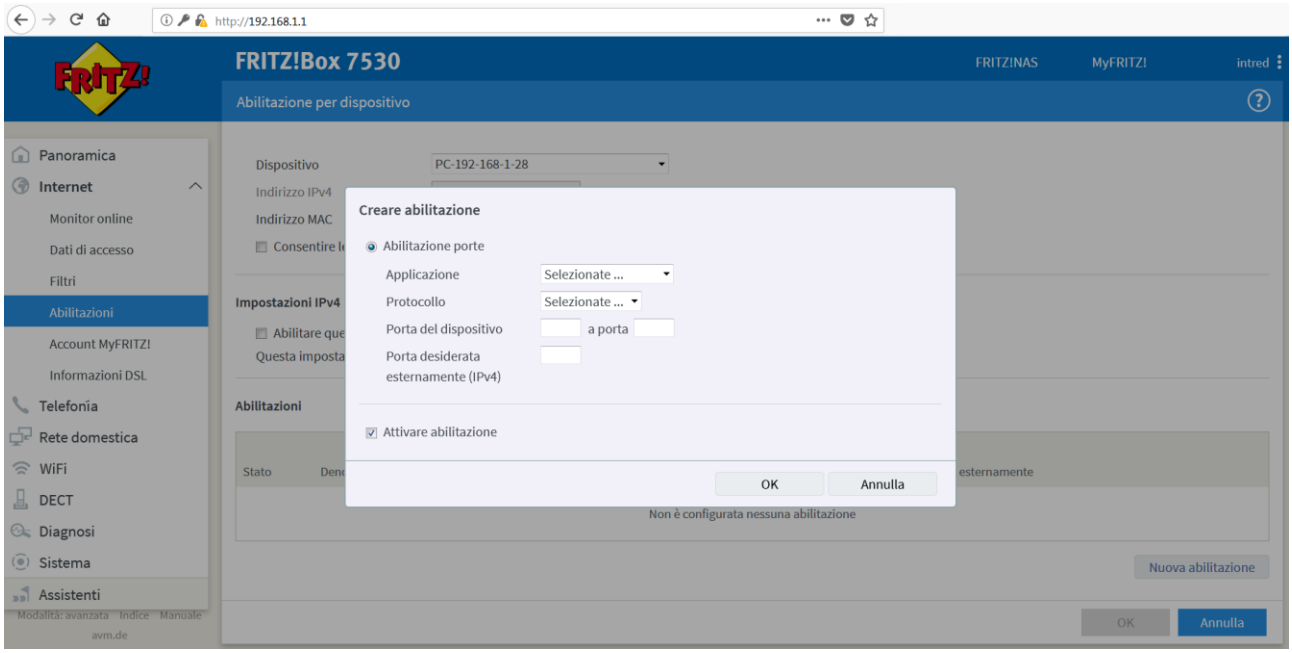
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Please remember, in any case, that Intred does not know either the internal IP addresses set on your devices or the ports that need to be enabled for the various applications on the market, so you will need to obtain this information directly from the device itself and from the application provider.

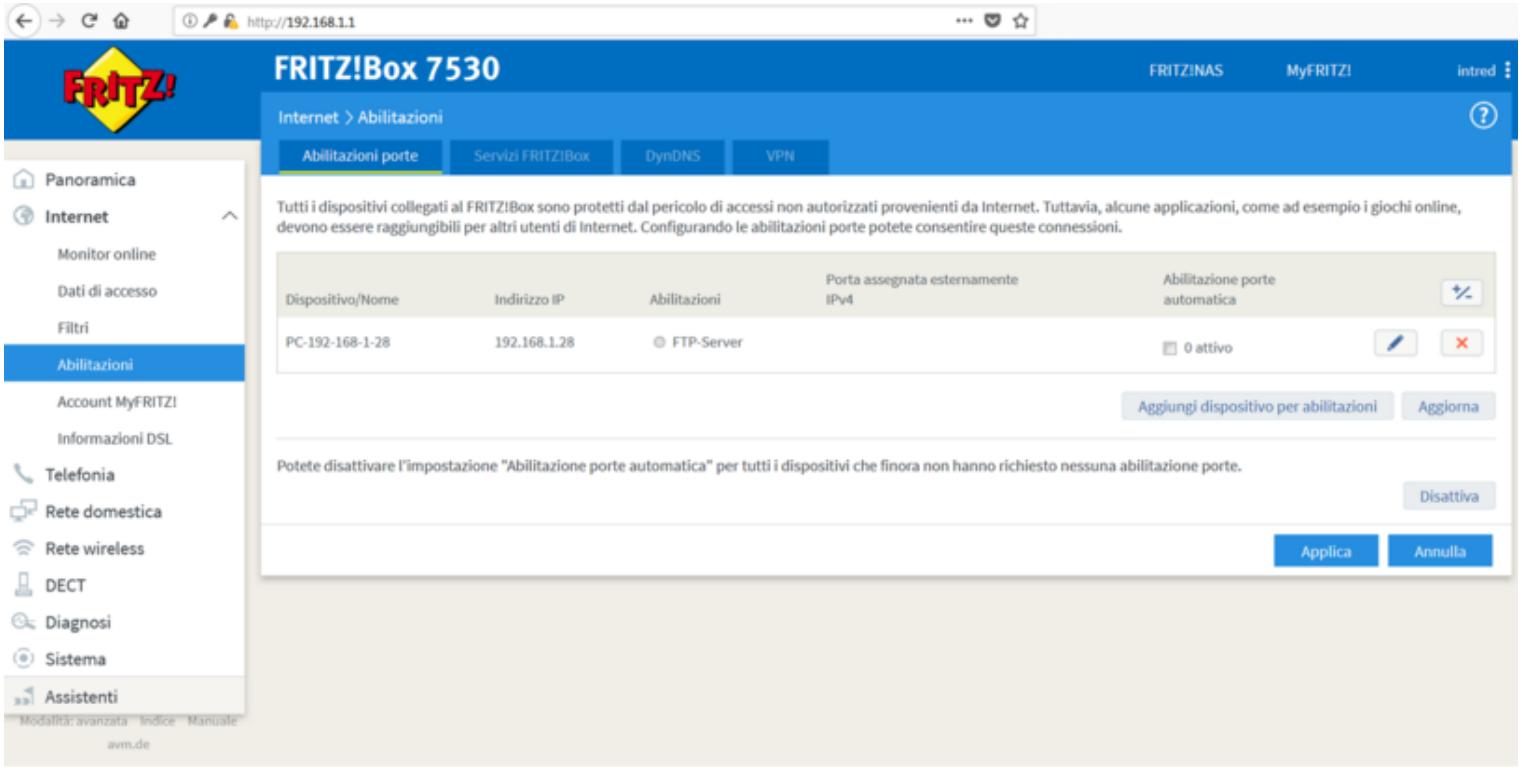
Then click **OK**. You will return to the previous screen. Click **OK** again.



The initial **Abilitazioni** (Permit Access) screen will show the configurations applied for each device.

Click **Applica** (Apply) to save the configuration prepared in the previous steps.

If permissions have already been configured, you can edit or remove them: click the pencil or the red X respectively on the row for the chosen device and proceed as required.



Please remember that FRITZ!Box routers are configured by Intred for maximum line performance. We therefore advise against changing the device settings unless you know exactly what changes you are making.

Intred advises against changing any other configuration or parameter, apart from those listed above, so as not to cause stability or performance issues with the service provided.

For all options and sections not covered in this guide, you can consult the technical support section of the AVM website. Its search engine and FAQs provide all the information you need to configure this section. To access the site, use the following address: https://it.avm.de/assistenza/fritzbox/fritzbox-7530/panoramica/

For any problem strictly related to the device's advanced configurations, you can also open a support request with AVM Italia's support via the following link: https://it.avm.de/assistenza/richiesta-di-assistenza/selezione-prodotti/

This document is an English translation of the original Italian document and is provided for ease of reference. The translation may contain errors, omissions or inaccuracies. In the event of any discrepancy or inconsistency between this translation and the Italian original, the Italian original shall prevail to the extent permitted by applicable law.