



# User's Guide

## HGW-500BNA-QC v2

Adaptador Wifi+ Dual

Default Login Details

*<http://192.168.1.90>*

*Password: See device bottom label*

Firmware Version 1.00

Edition 1, 10/2015



**IMPORTANT!**



**READ CAREFULLY BEFORE USE.**



**KEEP THIS GUIDE FOR FUTURE REFERENCE.**

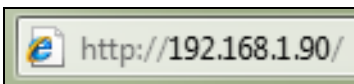
Graphics in this book may differ slightly from the product due to differences in operating systems, operating system versions, or if you installed updated firmware/software for your device. Every effort has been made to ensure that the information in this manual is accurate.

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## 1.1 Access the Adaptador Wifi+ Dual

In your Internet browser go to IP address <http://192.168.1.90> to connect to the Adaptador Wifi+ Dual's web configuration screens.

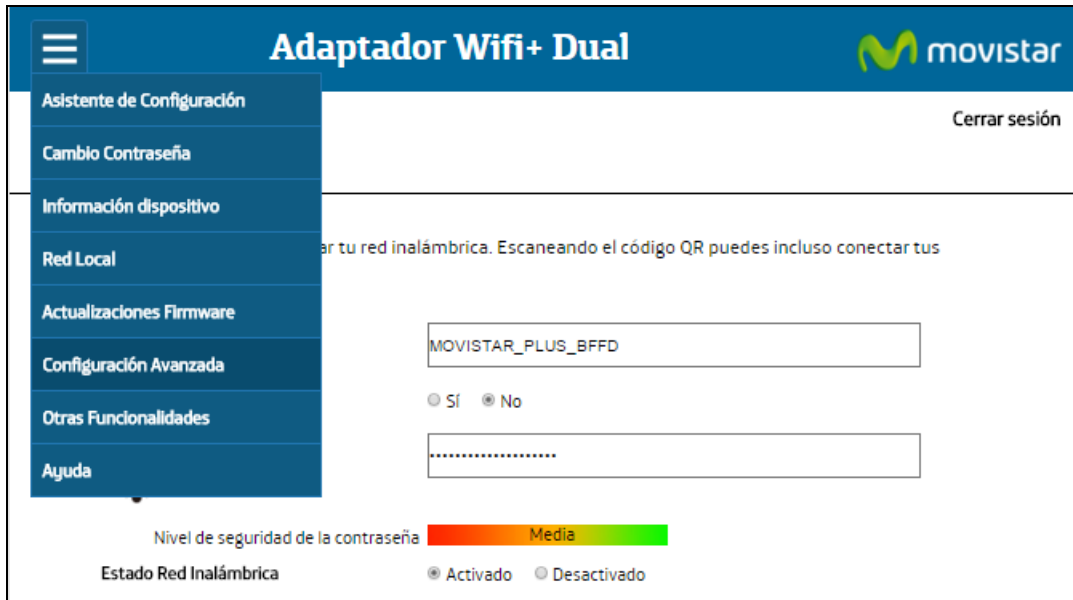


The login screen displays. The default password is on the sticker on the bottom of your device. Enter the password and click **Entrar**.



## 1.2 Screen Layout

The first screen displays. Use the menu on the upper left to access the configuration screens and the help (**Ayuda**). Use **Cerrar sesión** on the upper right to log out.



## 1.3 2.4 GHz Wireless Configuration

Click **Asistente de Configuración** in the menu and use the **Wifi** section to configure the Adaptador Wifi+ Dual's 2.4 GHz wireless network settings.

The screenshot shows the 'Wifi' configuration page. At the top, the title 'Wifi' is displayed. Below it, there are several configuration options: 'Nombre Wifi' with a text input field containing 'MOVISTAR\_BFFD'; 'Ocultar nombre Wifi' with radio buttons for 'Sí' and 'No'; 'Clave Wifi (Alfanumérica)' with a masked password input field; a Wi-Fi icon; 'Nivel de seguridad de la contraseña' with a progress bar labeled 'Media'; 'Estado Red Inalámbrica' with radio buttons for 'Activado' and 'Desactivado'. A warning icon and text state: 'Aviso: Los métodos de cifrado WPA o WEP no son compatibles con WPS (2.0). Si seleccionas alguno de ellos la funcionalidad WPS quedará desactivada en tu router. Para más información consulta la opción de [Ayuda](#).' Below this are dropdown menus for 'Tipo de cifrado' (set to WPA2-PSK), 'Encriptación' (set to AES), and 'Número canal WiFi' (set to Auto). The 'Canal actual' is shown as 11. A QR code is provided for mobile scanning, with text: 'Escanea este código y guarda los datos de tu configuración inalámbrica en tu móvil. Además, si tu aplicación de escaneo lo permite, podrás compartirlo con tus amigos e incluso conectarte directamente'. At the bottom is a 'Aplicar Cambios' button.

- 1 Use **Nombre Wifi** to set the network name.
- 2 Set **Ocultar nombre Wifi** to **Sí** if you want to hide the network name from SSID scans.
- 3 Use **Clave Wifi (Alfanumérica)** to set the Wifi key (network password). **Nivel de seguridad de la contraseña** shows the password strength.
- 4 2.4 GHz wireless is enabled by default. If you want to disable it, switch the **Estado Red Inalámbrica** button to **Desactivado**.
- 5 The basic wireless security mode is **WPA2-PSK** (recommended). You can change it in the **Tipo de cifrado** field.
- 6 The Adaptador Wifi+ Dual uses AES encryption by default. Use the **Encriptación** field if you want to change it to AES+TKIP.
- 7 Use **Número canal WiFi** to select a specific WiFi channel or use **Auto** to have the Adaptador Wifi+ Dual automatically select one. **Canal actual** shows the current channel.

- 8 If your smartphone or tablet has a QR code reader application, you can scan the QR code to quickly get the 2.4 GHz wireless network settings to connect to the Adaptador Wifi+ Dual.
- 9 Click **Aplicar Cambios** to save and apply your 2.4 GHz settings.

## 1.4 Changing the Adaptador Wifi+ Dual's Password

Click **Cambio Contraseña** in the menu.

- 1 Enter the Adaptador Wifi+ Dual's current password in **Contraseña anterior** and the new password in **Contraseña nueva**.

**Nivel de seguridad de la contraseña** shows the password strength.



- 2 Retype the new password in the **Confirmar nueva contraseña** field and click **Aceptar** to save the setting. The Adaptador Wifi+ Dual logs you out. Log back in with your new password.

### Cambio de contraseña del Adaptador Wifi+

Desde aquí podrás cambiar la contraseña de acceso al Adaptador Wifi+. Se recomienda que la clave tenga al menos 8 caracteres alfanuméricos.

Contraseña anterior:

Contraseña nueva:

 Nivel de seguridad de la contraseña  Baja

Confirmar nueva contraseña:

**Aceptar** **Cancelar**

## 1.5 Device Information

Click **Información dispositivo** in the menu to display the Adaptador Wifi+ Dual's device details including the firmware version, LAN network settings, and 2.4 GHz WiFi network information. Click a hyper link to go to the screen where you can configure the setting.

### Acerca de...

En el siguiente mapa de información de un solo vistazo se muestra la información relevante acerca de la configuración de tu Router y tu conexión. Si aparecen subrayadas significa que podrás modificarlas y haciendo clic sobre ellas te llevarán a la sección del configurador donde se pueden realizar los cambios.

<b>Información de equipo</b>	<b>Información Red WIFI PLUS</b>
Nombre del equipo:	<a href="#">Estado Wifi: Activado</a>
Modelo: [VideobridgeDual] HGW-500BNA-QCv2	<a href="#">Identificador Red Inalámbrica (SSID): MOVISTAR_PLUS_BFFD</a>
Serial Number: S150Y32091730	<a href="#">Modo: Bridge</a>
Versión Hardware: HGW-500BNA-QCv2	<a href="#">Oculto SSID: No</a>
Versión Software: 1.00(WNU.0)b12	<a href="#">Tipo cifrado: WPA2-PSK</a>
Versión Firmware: 1.00(WNU.0)b12	<a href="#">Encriptación: AES</a>
Estado:	<a href="#">Canal Uso: 44</a>
<b>Información Red Local</b>	<b>Información Red WIFI</b>
<a href="#">Dirección IP (Gateway): 192.168.1.90</a>	<a href="#">Estado Wifi: Desactivado</a>
<a href="#">Máscara de subred: 255.255.255.0</a>	<a href="#">Identificador Red Inalámbrica (SSID): MOVISTAR_BFFD</a>
<a href="#">DHCP: DESACTIVADO</a>	<a href="#">Oculto SSID: No</a>
	<a href="#">Tipo cifrado: WPA2-PSK</a>
	<a href="#">Encriptación: AES</a>
	<a href="#">Canal Uso: 11</a>



## 1.6 LAN Configuration

Click **Red Local** to configure the Adaptador Wifi+ Dual's LAN network settings.

### Red Local

DHCP	<input type="text" value="ACTIVADO"/>
Red Local	<input type="text" value="192.168.1.90"/> <input type="button" value="Chequea Direccion IP válida"/>
Máscara de subred	<input type="text" value="255.255.255.0"/>
Puerta de enlace predeterminada	<input type="text" value="0.0.0.0"/>
Direccion IP inicio rango	<input type="text" value="192.168.1.135"/>
Direccion IP fin rango	<input type="text" value="192.168.1.199"/>

- 1 The **DHCP** feature enabled (**ACTIVADO**) by default to assign IP addresses and provide subnet mask, gateway, and DNS server information to LAN devices. You can configure the IP range. If you want to disable it, select **DESACTIVADO**.
- 2 Enter the Adaptador Wifi+ Dual's LAN IP address (**Red Local**). Use the **Chequea Direccion IP válida** button it check if the IP address is valid.
- 3 Enter the subnet mask in **Máscara de subred**.
- 4 Specify a default gateway (**Puerta de enlace predeterminada**) if you disable DHCP.
- 5 Use **Direccion IP inicio rango** and **Direccion IP fin rango** to configure the range of IP addresses to give to LAN DHCP clients.
- 6 Click **Aplicar Cambios** to save and apply your settings.

## 1.7 Firmware Upgrade

Click **Actualizaciones Firmware** to upload firmware to the Adaptador Wifi+ Dual.

- Use **Selecciona el archivo de actualización en tu PC** to upload firmware from your computer. Choose the firmware's file path and click **Actualizar**.

- Use **Actualizaciones Firmware desde red de Movistar** to upload firmware from the Movistar network. Click **Actualizar Firmware**.

### Actualizaciones Firmware desde tu PC

Esta opción te permitirá actualizar el firmware de tu Adaptador Wifi+, cargando el archivo directamente desde tu ordenador. Para ello, selecciona el archivo de actualización en tu PC. Recuerda no apagar tu router ni desconectar el cable ethernet durante el proceso de actualización. Es muy importante no interrumpir este proceso ya que podría dejar inutilizado el equipo.

Selecciona el archivo de actualización en tu PC:

**Actualizar**

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### Actualizaciones Firmware desde red de Movistar

A través de esta opción podrás actualizar tu Adaptador Wifi+ a la última versión de Firmware disponible en los servidores de Telefónica.

**Actualizar Firmware**

The process may take several minutes. The Adaptador Wifi+ Dual reboots after a successful upload.



Make sure you are using the correct firmware for this device.



Do NOT turn off the Adaptador Wifi+ Dual while firmware upload is in progress!

## 1.8 Restore Default Settings

Click **Otras Funcionalidades** in the menu to open this screen where you can click **Aceptar** to restore the factory default configuration.

### Restaurar valores de fábrica

Esta opción te permitirá restaurar tu configuración actual a los valores de fábrica. Recuerda que perderás parámetros como el SSID, contraseña wifi, filtrado MAC, etc que tuvieras personalizados hasta ahora.

**Aceptar**

## 1.9 Help

Click **Ayuda** in the menu to display the web configuration help.

### **Ayuda configurador web**

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¿Tienes dudas sobre las opciones que te mostramos para hacer las configuraciones? Desde aquí te ayudamos a que entiendas qué son y para qué sirven:

<b>Asistente de Configuración</b>
<b>Cambio Contraseña</b>
<b>Información dispositivo</b>
<b>Red Local</b>
<b>Actualizaciones Firmware</b>
<b>Configuración Avanzada</b>
<b>Otras Funcionalidades</b>

## Federal Communication Commission Interference Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

**Radiation Exposure Statement:**

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.