

CCN  
MEGACABLE

MANUAL DE  
CONFIGURACION  
CABLEMODEM ARRIS  
TG1652A

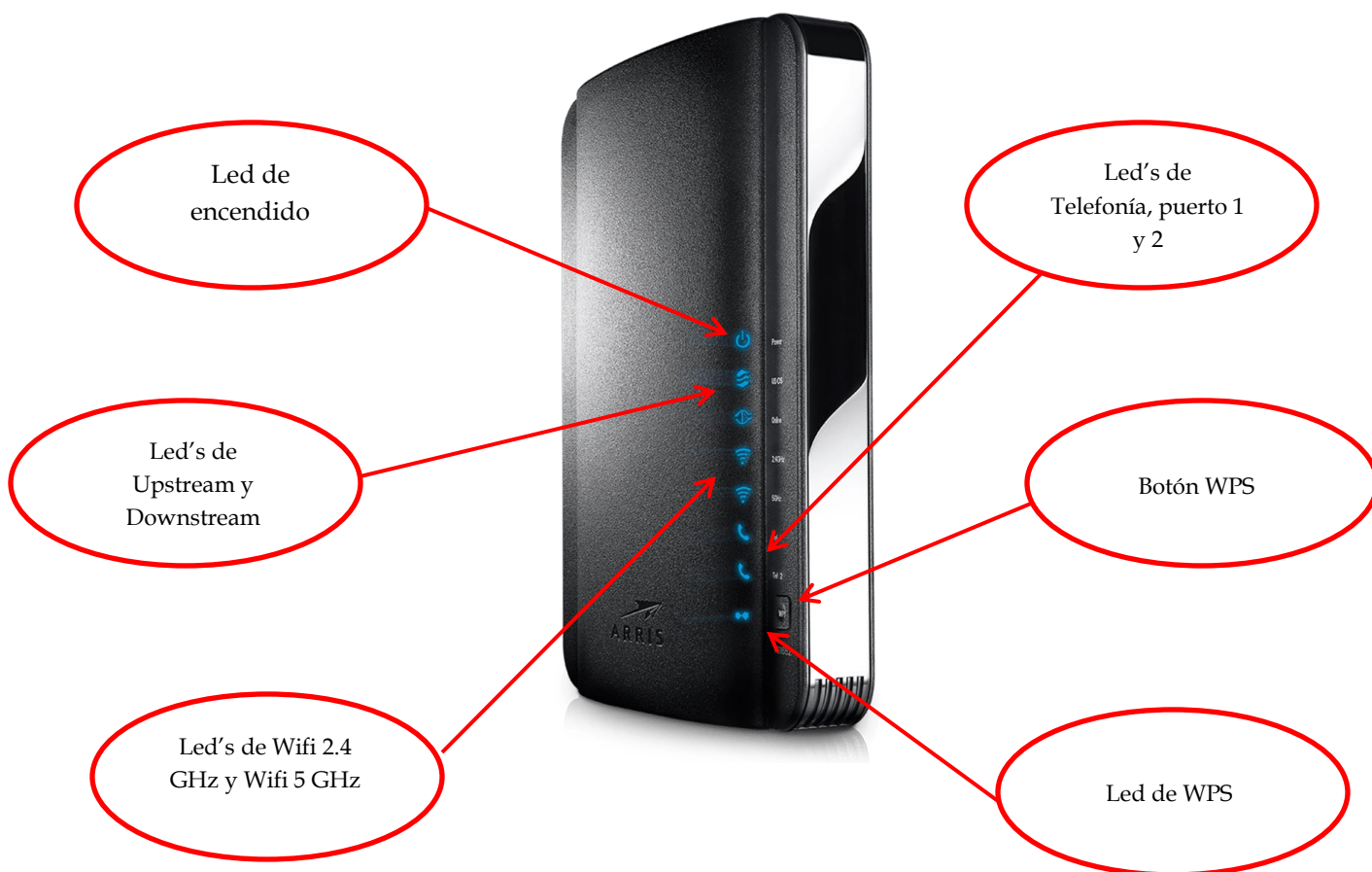


Configuración modem Arris TG1652A | Megacable  
Comunicaciones

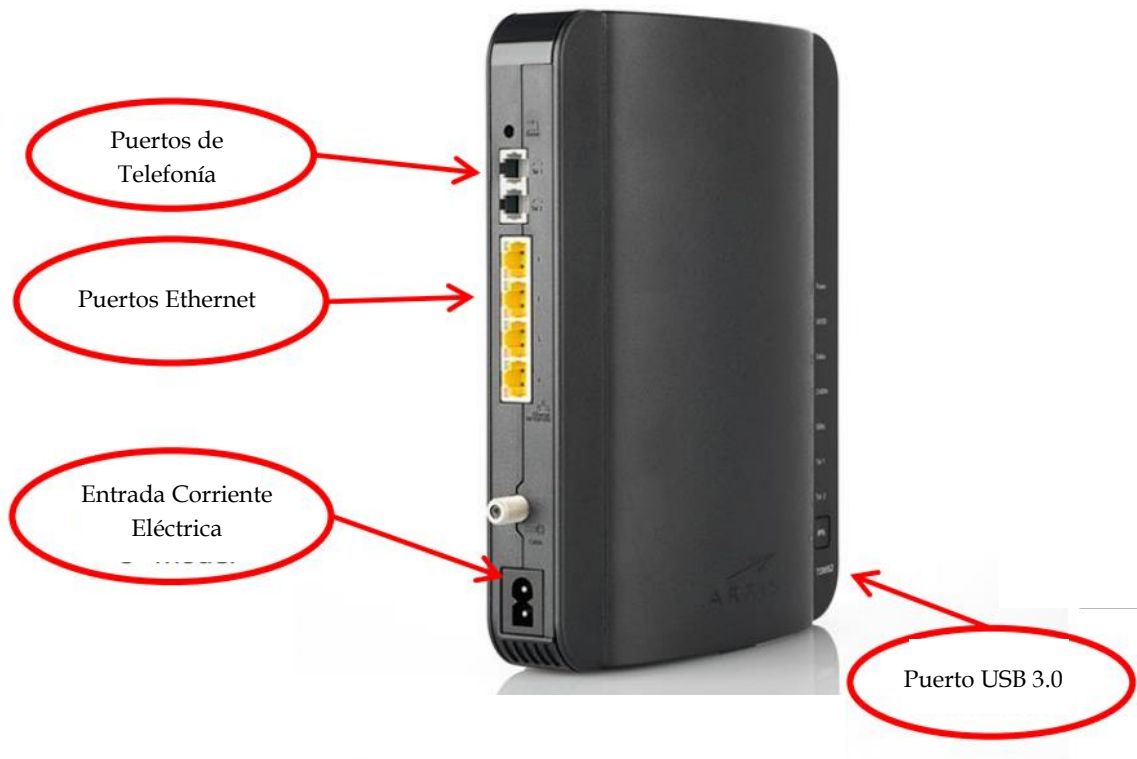
# Información Física

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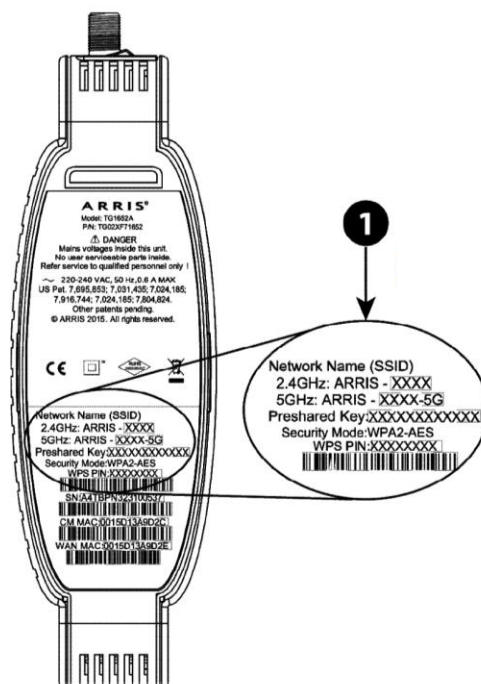
## PARTE DELANTERA



## PARTE TRASERA



En la parte inferior del equipo se encuentra el nombre de la red, la contraseña (Preshared Key) y el tipo de encriptación por default.



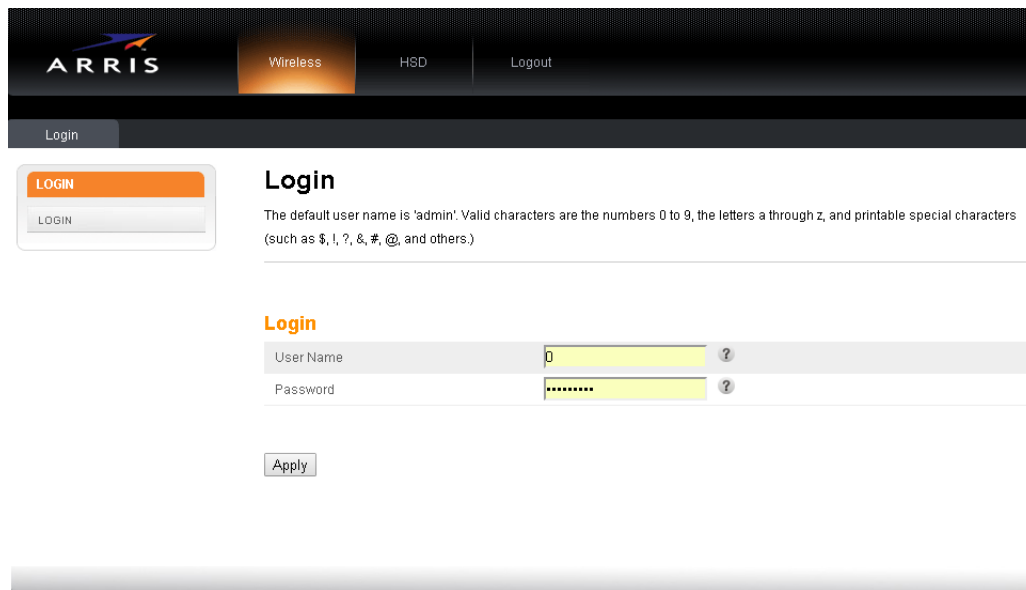
# Gateway

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Para entrar a la configuración del modem, es necesario escribir en el navegador la dirección 192.168.0.1 y presionar la tecla ENTER.



Una vez que se ingresa a la dirección, aparecerá la siguiente pantalla:

A screenshot of the Arris modem's login interface. At the top, there is a dark navigation bar with the 'ARRIS' logo on the left and three menu items: 'Wireless', 'HSD', and 'Logout'. Below this is a 'Login' tab. The main content area has a 'LOGIN' button on the left and a 'Login' heading on the right. Under the heading, there is a note: 'The default user name is 'admin'. Valid characters are the numbers 0 to 9, the letters a through z, and printable special characters (such as \$, !, ?, &, #, @, and others.)'. Below this are two input fields: 'User Name' with the value '0' and 'Password' with masked characters. Each field has a help icon. At the bottom, there is an 'Apply' button.

En donde nos pedirá un usuario y contraseña para ingresar, los cuales son:

- Usuario: **admin**
- Contraseña: **password**

Una vez ingresados los datos daremos clic en el botón “Apply” para entrar a la configuración del Modem Arris TG1652A.

# Configuración Inalámbrica

La primera pantalla que nos aparecerá será la siguiente. Al finalizar los cambios necesarios, daremos clic en el botón "Apply".

The screenshot shows the ARRIS System Basic Setup interface. At the top, there is a navigation bar with 'ARRIS' logo and tabs for 'Wireless', 'HSD', and 'Logout'. Below this is a secondary navigation bar with tabs for 'Basic Setup', 'WAN Setup', 'LAN Setup', 'Wireless 2.4 GHz', 'Wireless 5 GHz', 'Firewall', and 'Utilities'. The 'Basic Setup' tab is selected.

**System Basic Setup**  
While your system has many configuration options, the options on this Basic Setup page are those required by most users. Click the tabs to access the other configuration pages to set advanced options. Hover the mouse pointer over the question mark icon next to an option to view a description of that option. For changes to take effect, you must click the Apply button.

**Basic Setup**

- Language: English (dropdown menu) - **Cambiar el lenguaje**
- Host Name: ARRISGW - **Cambiar el nombre de la red**
- Routing Enabled:  - **Apagar/Encender Wifi 2.4 GHz**

**Wireless 2.4 GHz**

- Enable Wireless:  - **Apagar/Encender Wifi 2.4 GHz**
- Wireless Network Name (SSID): ARRIS-A487 - **Cambiar el nombre de la red**
- Pre-Shared Key: 2WC456401259 - **Cambiar la contraseña de la red**

**Wireless 5 GHz**

- Enable Wireless:  - **Apagar/Encender Wifi 5 GHz**
- Wireless Network Name (SSID): ARRIS-A487-5G - **Cambiar el nombre de la red**
- Pre-Shared Key: 2WC456401259 - **Cambiar la contraseña de la red**

**2.4G/5G WPS Settings**

- WPS Enable:  - **Apagar/Encender Wifi 2.4 GHz**
- Device PIN Code: 86561167
- WPS Mode: PBC
- Enrollee PIN Code: [Empty field]
- Start WPS Association: [Lock icon]

**Apply**

# Cambiar canal de transmisión en Red 2.4 HGz

Para cambiar el canal de transmisión es necesario hacer lo siguiente y después dar clic en el botón “Apply”:

The screenshot shows the ARRIS web interface for configuring wireless settings. The top navigation bar includes 'Wireless', 'HSD', and 'Logout'. Below this, a secondary navigation bar has tabs for 'Basic Setup', 'WAN Setup', 'LAN Setup', 'Wireless 2.4 GHz', 'Wireless 5 GHz', 'Firewall', and 'Utilities'. The 'Wireless 2.4 GHz' tab is selected and highlighted with a red box. On the left side, there is a sidebar menu with options: 'WIRELESS 2.4 GHZ', 'BASIC', 'ADVANCED', 'MAC ADDRESS CONTROL', 'WIRELESS CLIENT LIST', and 'ACTIVE ACCESS POINTS'. The main content area is titled 'System Basic Setup' and contains a 'Basic Setup' section with various configuration options. The 'Channel' dropdown menu is highlighted with a red box and an arrow pointing to it from a callout box that says 'Cambiar al canal deseado'. Another callout box points to the 'Wireless 2.4 GHz' tab in the top navigation bar, saying 'Ir al menú "Wireless 2.4 GHz"'. The 'Apply' button is visible at the bottom of the configuration page.

Ir al menú "Wireless 2.4 GHz"

Cambiar al canal deseado

Apply

# Cambiar canal de transmisión en Red 5 GHz

Para cambiar el canal de transmisión es necesario hacer lo siguiente y después dar clic en el botón “Apply”:

The screenshot displays the ARRIS web interface for configuring wireless settings. The top navigation bar includes 'Wireless', 'HSD', and 'Logout'. Below this, a secondary navigation bar contains 'Basic Setup', 'WAN Setup', 'LAN Setup', 'Wireless 2.4 GHz', 'Wireless 5 GHz', 'Firewall', and 'Utilities'. The 'Wireless 5 GHz' option is highlighted with a red box and labeled 'Ir al menú "Wireless 5 GHz"'. On the left side, a sidebar menu shows 'WIRELESS 5 GHZ' with sub-options: 'BASIC', 'ADVANCED', 'MAC ADDRESS CONTROL', 'WIRELESS CLIENT LIST', and 'ACTIVE ACCESS POINTS'. The main content area is titled 'System Basic Setup' and contains a 'Basic Setup' section with various configuration options. The 'Channel' dropdown menu is highlighted with a red box and labeled 'Cambiar al canal deseado'. Other options include 'Enable Wireless', 'Wireless Network Name (SSID)', 'Broadcast Network Name (SSID)', 'Tx Power Level', 'AP Isolation', 'Enable WMM', 'WMM Power Save mode', 'Security Mode', and 'Pre-Shared Key'. An 'Apply' button is located at the bottom of the configuration area.

Option	Value
Enable Wireless	<input checked="" type="checkbox"/>
Wireless Network Name (SSID)	ARRIS-A487-5G
Broadcast Network Name (SSID)	<input checked="" type="checkbox"/>
Tx Power Level	High
Channel	Auto
AP Isolation	<input type="checkbox"/>
Enable WMM	<input checked="" type="checkbox"/>
WMM Power Save mode	<input checked="" type="checkbox"/>
Security Mode	WPA2-PSK (AES) (Recommended)
Pre-Shared Key	2WC456401259

# Configuración Modo Puente (Bridge)

Para realizar la configuración modo puente, se tiene que hacer lo siguiente y dar clic en el botón "Apply":

**ARRIS** Wireless HSD Logout

Basic Setup WAN Setup **LAN Setup** Wireless 2.4 GHz Wireless 5 GHz Firewall Utilities

**LAN SETUP**

- LAN SETTINGS
- LAN SETTINGS (IPv6)
- CLIENT LIST
- PORTS

## LAN Settings

You can make changes to the Local Area Network (LAN) here. For changes to take effect, you must click the **Apply** button at the bottom of the screen.

### LAN IP Settings

IP Address	<input type="text" value="192.168.0.1"/>	?
Subnet Mask	<input type="text" value="255.255.255.0"/>	?

### DHCP Server Settings

Enable DHCP Server	<input checked="" type="checkbox"/>	?
Start IP Address	<input type="text" value="192.168.0.2"/>	?
End IP Address	<input type="text" value="192.168.0.254"/>	?
Lease Time	<input type="text" value="3600"/>	?
Domain Name	<input type="text"/>	?

### DNS Override

Enable DNS Override	<input type="checkbox"/>	?
Primary DNS Server IP	<input type="text" value="0.0.0.0"/>	?
Secondary DNS Server IP	<input type="text" value="0.0.0.0"/>	?
Tertiary DNS Server IP	<input type="text" value="0.0.0.0"/>	?

### DNS Relay

Enable DNS Relay	<input type="checkbox"/>	?
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### NAT

NAT Mode	<input type="text" value="RoutedWithNAT"/>	?
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### UPnP

Enable UPnP	<input checked="" type="checkbox"/>	?
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**Apply**

Ir al menú "LAN Setup"

Cambiar a modo "Bridge"



# Configuración del Firewall

Para los casos de configuración de IP's Públicas, en ocasiones es necesario permitir el acceso a ping's o desactivar el firewall, es necesario hacer los siguientes pasos y al finalizar dar clic en el botón "Apply":

The screenshot shows the ARRIS router's web interface. The top navigation bar includes 'Wireless', 'HSD', and 'Logout'. Below it, a secondary navigation bar has 'Basic Setup', 'WAN Setup', 'LAN Setup', 'Wireless 2.4 GHz', 'Wireless 5 GHz', 'Firewall', and 'Utilities'. The 'Firewall' menu item is highlighted with a red box and an arrow pointing to a callout bubble that says 'Ir al menú "Firewall"'. On the left, a sidebar menu lists various settings, with 'FIREWALL' selected. The main content area is titled 'Firewall Settings' and contains several sections, each with a red box around its title and a callout bubble:

- Firewall Enable/Disable**: A red box highlights the title. A callout bubble points to the 'Enable Firewall' checkbox, which is checked, with the text 'Aquí se deshabilita el Firewall'.
- DoS Attack Protection**: A red box highlights the title. A callout bubble points to the 'Enable DoS Attack Protection Firewall' checkbox, which is checked, with the text 'Aquí se deshabilita el boqueo de ping's'.
- Block Pings**: A red box highlights the title. A callout bubble points to the 'Enable Ping Blocking' checkbox, which is checked, with the text 'Aquí se deshabilita el boqueo de ping's'.
- IPSec Pass Through**: A red box highlights the title. The checkbox is checked.
- PPTP Pass Through**: A red box highlights the title. The checkbox is checked.
- L2TP Pass Through**: A red box highlights the title. The checkbox is checked.
- Block Fragmented IP Packets**: A red box highlights the title. The checkbox is unchecked.

At the bottom of the page, there is an 'Apply' button.