



Quick Start Guide

SR655ac

This Quick Start Guide shows you how to set up and start using your new gateway.



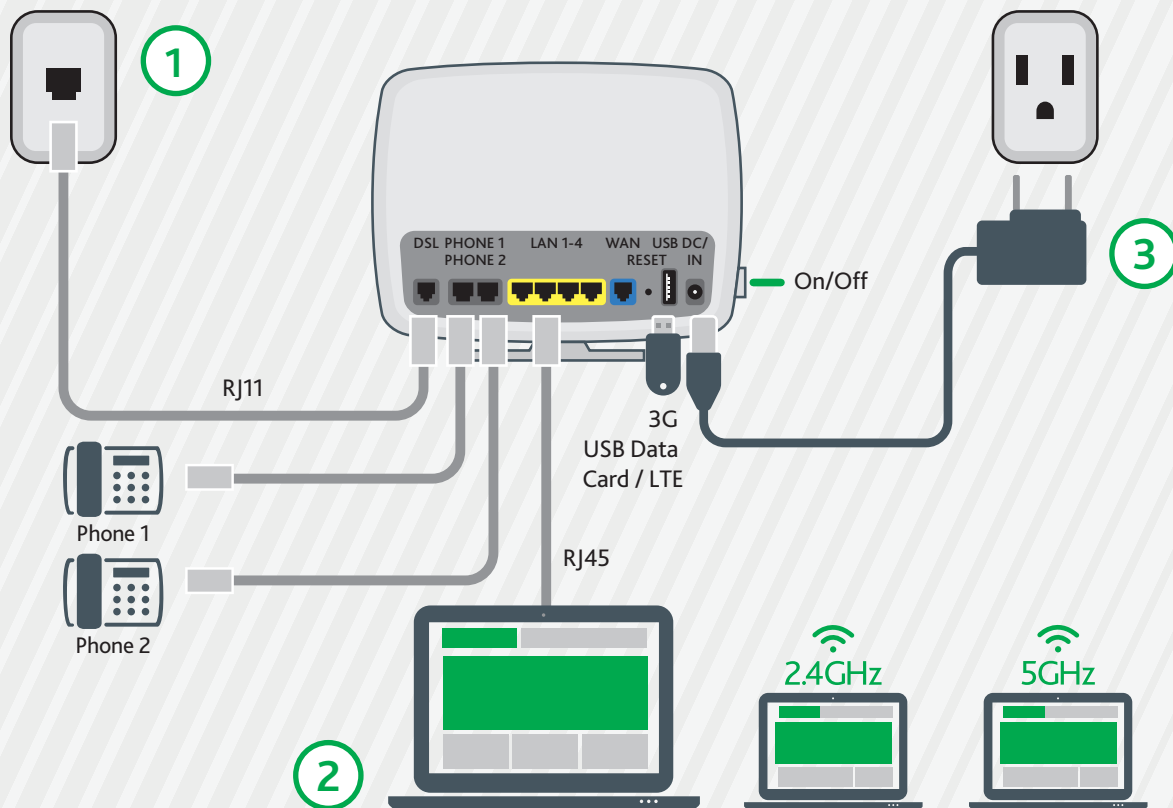
Installation

Locate the splitter cable that is included with your SmartRG gateway. It has three ports.

1. Connect the splitter as follows:
 - a. Connect the DSL port of the gateway and the **Modem** port of the splitter with a telephone cable
 - b. Connect the phone to the **Phone** port of the splitter with a telephone cable
 - c. Connect the incoming line to the **Line** port of the splitter.
2. Connect a LAN port of the gateway to the network card of the PC using an Ethernet cable.
3. Plug the power adapter to the wall outlet and then connect the other end of it to the Power port of the gateway.
4. Turn on the unit by pressing the On/Off button on the side of the gateway.

Note: If you use 3G WAN service, connect the 3G USB data card to the USB port of the gateway. If you use the Ethernet uplink, connect to the WAN interface using an Ethernet cable. You cannot use the xDSL uplink, 3G WAN service, and Ethernet uplink at the same time.

Your gateway is now automatically being set up to connect to the Internet. This process may take a few minutes to complete before you can begin using your Internet applications (browser, email, etc.). If you are unable to connect to the Internet, confirm that all cable connections are in place and the gateway's power is turned on.











LED Indicators

The indicator lights (LEDs) on the front of your SR655ac gateway can help you understand the state of your gateway.



Legend: Green Green Blinking Red Lt. Blue Lt. Blue Blinking Dk Blue Dk. Blue Blinking

LED	Action	Explanation
All LEDs <i>except</i> those listed below		Feature enabled &/or working correctly
		Data being transferred
POWER		Unit is booting up & preparing for use. When the unit is ready, the light changes to green.
		Device powered on and ready for use

LED	Action	Explanation	
DSL		For VDSL only /WAN service (Single Line - Inner or Outer Pair)	For VDSL only WAN service (Bonded Line)
		DSL line 0 acquiring sync	
		DSL line 0 (inner pair) connected	DSL Line 0 (Inner pair) is active; DSL line 1 (Outer pair) is not active.
		DSL line 1 (outer pair) acquiring sync and connected	DSL Line 1 (Outer pair) is active; DSL line 0 (Inner pair) is not active
		DSL connected	Both DSL lines connected
		DSL down	By default, this LED will blink when the DSL connection goes down. You can modify this setting on the Advanced Settings > DSL page.
	Not lit	No lines connected	
Note: This LED may flash green briefly on startup.			
INTERNET		DSL sync acquired and gateway on line	
		Data being transferred	
		Internet authentication / connection has failed	

Quick Gateway Configuration

Warning: Do not press the **Reset** button unless you want to clear the current settings. The **Reset** button is in a small circular hole on the rear panel. If you want to restore the default settings, insert a thin wire (such as a paper clip) into the hole, press the **Reset** button gently for 1 second, and then release the button. The system reboots and returns to the factory defaults.

Logging in to your gateway

To change the settings on your gateway, you must log in the gateway's interface. Make sure that you have completed the steps in "Installation" before you begin.

1. Open your internet browser application and type 192.168.1.1 into the address line.

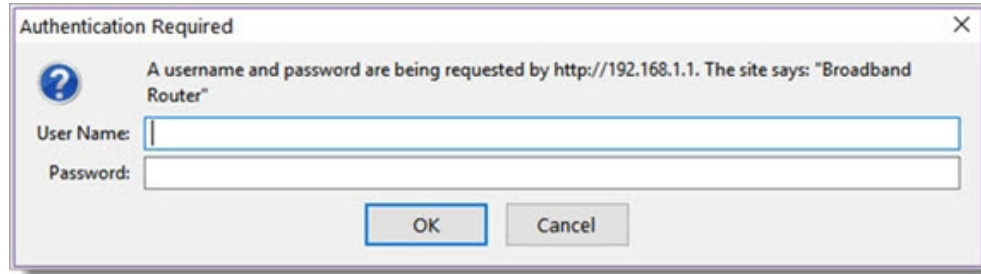


2. The login dialog appears. Enter the factory default credentials shown below and click **OK**.

User Name: admin

Password: admin

Note: Your service provider may use other settings. Contact your provider for details.



3. At the bottom of the page, click **Manage gateway (advanced)**. The gateway interface appears, showing the Device Info summary page.

Configuring the WAN manually

If the automatic connect process is unsuccessful, refer to the **Advanced Setup > Layer 2 Interface** and **WAN Services** sections of the *SmartRG SR655ac Gateway User Manual* to manually establish a connection.

WiFi Setup

Two methods, **(A) WPS** and **(B) Manual**, are available for WiFi setup. Perform the steps on this page first, and then follow the instructions for the applicable method.

1. In the left navigation bar, click **Wireless**. The Basic page appears, showing information for the 5 GHz band. If you want to set up the 2.4 GHz band, click 2.4 GHz Band in the left menu.



2. Click **Enable Wireless**.
3. If desired, in the **SSID** field, enter the network name to which you want your client devices connected. Continue with the steps for the method you prefer.

WPS Method

If the device you wish to connect to the Internet via your gateway supports the WPS secure WiFi connection method, follow these steps.

1. In the left navigation bar, click **Wireless**. Then click **Security** for the wireless band that you want to configure.
2. Select **Enable WPS** and click **Apply/Save** to commit your selection.
3. Within 2 minutes, activate **WPS** on the 3rd party device to which you wish to connect. The device may have a pushbutton on its exterior or a software interface is used to initiate WPS connection. To learn how to use the WPS feature on your client device, refer to its documentation.

Your device should now be connected to your gateway wirelessly using WPS. If you encounter problems with the WPS setup such as connection failure, refer to your client device for further instructions.

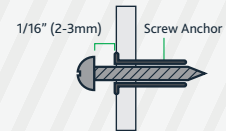
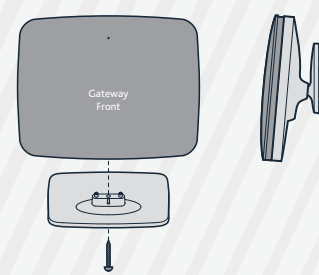
Manual Method



Set up your gateway's parameters first, then follow these steps.

1. In the left navigation bar, click **Wireless** and then click **Security** for the wireless band that you want to configure.
2. Scroll down to the **Manual Setup AP** section.
3. If your gateway supports multiple wireless networks, select the **SSID** of the network you wish to configure. You will need this ID for step 8.
4. Select the desired **Network Authentication**. Make sure that the host devices you intend to use support the selected authentication type.
5. Choose a **WPA Passphrase** and type it in to this field. You will need this passphrase for step 8.
6. Select any desired **encryption preferences** in the lower three fields.
7. Click **Apply / Save**.
8. On the left side of the gateway, press the **2.4 GHz** button and hold for 4-6 seconds. This enables WPS on the gateway.
9. Follow the WiFi connection instructions provided with your client device to connect to the gateway. Use the **SSID name** you selected in Step 2. Then enter the passphrase that you entered in step 4 in the appropriate location on the network setup screen of your WiFi client device.

Optional Wall Mount

- ① Using a Phillips-head screwdriver, remove the mount from its present location on the bottom of the gateway.
- ② Slide the mount onto the back of the gateway. Tighten the screw located in the bottom of the mount.
- ③ Using the template below, mount the two included screws to the wall. Using screw anchors is recommended.



- ④   4 1/8" (104mm)

Record Your SR655ac WiFi Settings

Predefined wireless settings

If you change the preset wireless settings

WiFi network name (SSID)

Network key (password)

Additional Support

If you require further instructions, please contact your local ISP Support.