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## AC2600 Router

### Quick Start



Model MR2600

## Packaged with your MR2600 router



Power Cube  
(varies by country)



Ethernet Cable



4 WiFi Antennas

Para una Guía de Inicio Rápido en español, por favor vaya a [www.motorolanetwork.com/MR2600IR](http://www.motorolanetwork.com/MR2600IR)

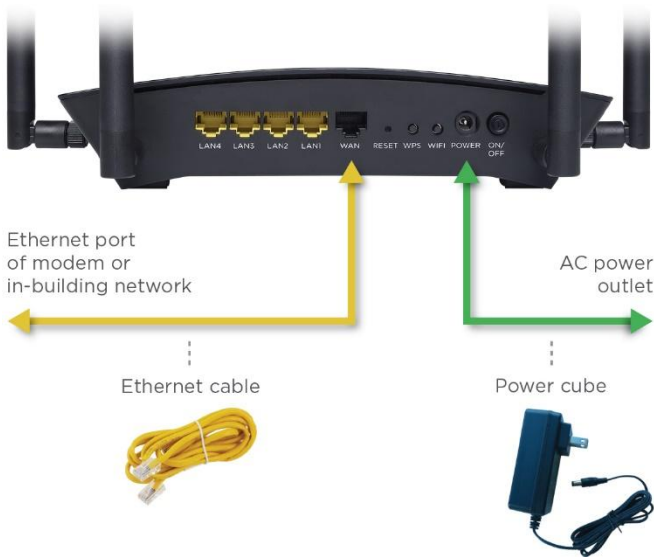


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## Let's get started

First attach the 4 WiFi Antennas to the MR2600 by screwing them finger-tight into the 4 gold connectors located on the side and back of the unit. Next connect the MR2600's yellow Ethernet cable between the MR2600's WAN port and the Ethernet port of a cable modem, DSL modem, fiber optic modem, or an in-building Ethernet network used for Internet access.

If you are using a modem, switch the power of the modem off now. (For some modem/routers, this requires you to remove a power backup battery.) After the modem is off for at least 10 seconds, switch it back on. (If you removed a backup battery, plug the battery back in first.)






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## Power up your MR2600

Now, connect the supplied power cube between the MR2600's power jack and a working electrical outlet. The MR2600 should power up and the power light on the top of the unit should turn amber while the unit powers up. If the power light does not turn on, check that the On/Off button on the back panel is On. Wait for the Internet connection light  to become green. This may take up to 2 minutes.

Most users should use the MR2600's default Internet settings. The Configuration Manager section below discusses reasons you may want to change default settings, and how to change them. You may, for instance, want to change the wireless security settings from the unique settings that come with the router. This topic and many others are also covered in more detail in the full-length User Manual at [www.motorolanetwork.com/MR2600manual](http://www.motorolanetwork.com/MR2600manual)



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## Connect Your Devices

The MR2600 lets many devices share your Internet connection. Devices can connect by using WiFi or by plugging into one of the MR2600 Ethernet ports.

### WiFi Wireless

You can connect any of your WiFi devices by first going into the WiFi setup section for the device (not the router). Then use the MR2600 router's WiFi Network Name (SSID) and WiFi Password/Key. The unique factory-set default settings are printed on a label on the bottom of the MR2600. If you prefer to use a different network name and password, please see the chapter. Changing Wireless Security Settings in the full length manual at [www.motorolanetwork.com/MR2600manual](http://www.motorolanetwork.com/MR2600manual)

Normally a good position for the MR2600's four antennas is vertical, pointing upward. If you want the MR2600 to work with devices on other floors, it may help to angle one antenna on each side of the router at 45 degrees away from the router, which is halfway between horizontal and vertical. For more discussion of this, please see [www.motorolanetwork.com/MR2600manual](http://www.motorolanetwork.com/MR2600manual)

### Wired Ethernet

You can also connect up to four HDTVs, computers, game stations, or other devices with an Ethernet cable between an Ethernet port of the device and any one of the LAN jacks on the router. Some devices have a Network Setup section where you specify a wired Ethernet connection. If you have a problem with a particular device, consult its user manual.

Once you've set up a Wireless or Wired Ethernet connection, try to browse the Web. If browsing works, Congratulations! Your MR2600 is working.

If your MR2600 is NOT working, see **Troubleshooting Tips** and **We like to help** at the end of this Quick Start.



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## Configuration Manager

You may not need to use the Configuration Manager. Here are some reasons for using it:

- You want to change the wireless network name and password. For instance, maybe you want a more easily remembered name; or you're replacing a router and want to use your existing WiFi SSID/Network Name and/or WiFi Password/Key instead of the unique ones that come with the MR2600.
- It's possible but unlikely that your service provider assigned you a static IP address, or you need to terminate a PPPoE Internet connection.
- You want to set up special Internet gaming settings.
- You want to set up parental controls to control when children or other users can access the Internet.

You want to get performance information about the MR2600 router. This can be helpful in optimizing wireless performance. If you need to access the MR2600 Configuration Manager, first open your Web browser. Type <http://192.168.1.1> in the address bar and press **Enter**.

In the login dialog box, type **motorola** in lower case and then click **Login**.

The status page will appear. If the Status page doesn't appear, please see the **Troubleshooting Tips** below.

For details about the Configuration Manager please see [www.motorolanetwork.com/MR2600manual](http://www.motorolanetwork.com/MR2600manual)



## Improving Wireless Performance

As noted before, the MR2600 has a unique WiFi SSID/Network Name and WiFi Password/Security Key printed on the MR2600's bottom label. Use these unless you want to change them for some reason. If you do change them, we suggest that you tape a label with the new SSID and Password onto the MR2600. (Changing them will not affect wireless quality.)

Note that wireless performance depends on a number of factors. Please keep these things in mind:

- Where possible, put the MR2600 in a central place so that it's not too far away from your other wireless devices.
- If you want the MR2600 to work with devices on other floors, it may help to angle one antenna on each side of the router at 45 degrees away from the router, which is halfway between horizontal and vertical. For more discussion on antennas see also [www.motorolanetwork.com/MR2600manual](http://www.motorolanetwork.com/MR2600manual)
- Don't put the MR2600 close to interference-generating wireless devices such as Bluetooth headsets and stereos, microwave ovens, 2.4 GHz cordless phones and base stations, and WiFi printers.
- Sometimes it helps to change the MR2600 wireless channel frequency to reduce interference with neighbors' wireless networks. This is discussed in the Troubleshooting section of this Quick Start.
- The MR2600 router provides a powerful wireless signal that can help reach many corners of your house. However, wireless range can be limited by a variety of issues, including weak wireless clients and challenging building configurations. Many devices, such as phones, that you may use to connect to the MR2600 do not have as powerful a wireless signal. Although the MR2600's advanced wireless technology can help improve the performance and range of the devices, often the weaker signal of your other devices can be a limiting factor. If you need greater wireless range with the devices in your home,



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you could add a Range Extender. For more information, please see [www.motorolanetwork.com/extenders](http://www.motorolanetwork.com/extenders)

- If you have coaxial cable running near your router and a distant wireless access point, HDTV, or other device, MoCA is often a good way to connect the router to the device. MoCA can share the same cable used for cable TV, cable Internet, or FiOS fiber optic service. With the Motorola MM1000 MoCA Adapter, speeds are up to 1,000 Mbps.





## Top/Front Panels

LIGHT	COLOR	DESCRIPTION
 Power	Green or Amber	Green: MR2600 power on OFF: MR2600 power off Amber: MR2600 powering up
 Internet	Green or Amber	Green: MR2600 online OFF: MR2600 offline Amber: Authentication failed (PPPOE only). Blinks in on demand mode when MR2600 not connected.
2.4	Green	ON: 2.4 GHz WiFi is enabled Blinking: Data is flowing or WPS is in discovery mode. OFF: WiFi is not enabled
5	Green	ON: 5 GHz WiFi is enabled Blinking: Data is flowing or WPS is in discovery mode. OFF: WiFi is not enabled
USB	Green	P: USB device connected Blinking: Data being transferred to/from your USB device OFF: No device connected
LAN 1 2 3 4	Green	ON: 1 Gigabit Ethernet connection Blinking: Data being sent OFF: No device connected

### USB 3.0 Port (on front of unit)

High-speed USB port for USB memory devices. This can be used to attach USB Drives that can then be accessed through the network. For more information on this go to [www.motorolanetwork.com/MR2600manual](http://www.motorolanetwork.com/MR2600manual)



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## Back Panel



### **LAN 1, 2, 3, 4**

You can connect a computer, HDTV, game station, MoCA Adapter, or other Ethernet-capable device to any of these 4 LAN ports. You can connect up to 4 devices in this way.

### **WAN**

Connect your modem or in-building network to the WAN port with an Ethernet cable.

### **RESET**

Press the reset button for 8 seconds in the unlikely event that you need to reset your modem to factory defaults including factory-set WiFi SSID/Network Name and Wi-Fi Password/Security Key.

### **WPS**

The WPS button helps establish a secure wireless connection with your client devices.

### **WIFI**

Switch your wireless on or off.

### **POWER**

Connect the supplied power cube between the power jack and an electrical outlet.

### **ON/OFF**

Turn power on or off.



## Troubleshooting Tips

### Why can't I connect to the Internet after installing my router?

- Check that the power cube jack is correctly plugged into the router and that the power cube is plugged into a live outlet.
- Verify that the cable between the router and modem (or Ethernet jack if connecting to an in-building network) is plugged into the router's WAN jack.
- If you're using a modem, check that it's powered up and connected to the Internet.
- If you are installing the router at the same time as a new cable modem, you may have to wait up to 15 minutes for the cable modem to connect to the Internet.
- Try using another device to access the Internet. If you are using a computer plugged into the router's Ethernet port, try connecting to the router with a wireless device such as your mobile phone. As a reminder, the factory-set WiFi SSID/Network Name and WiFi Password/Key are printed on the label on the bottom of your router.
- Your computer might not be set up to use the router as its gateway. Power cycling your computer will force it to receive the correct gateway information from the router.
- Verify that your modem or external network is connected to the Internet. Plug a computer directly into your modem or external network and check that your service is working.

### What if I am connected wirelessly but my connection seems slow or keeps dropping?

Note that wireless performance depends on a number of factors. Please keep these things in mind:

- Where possible, put the MR2600 in a central place so that it's not too far away from your other wireless devices.
- Don't put the MR2600 close to interference-generating wireless devices such as Bluetooth headsets and stereos, microwave ovens, 2.4 GHz cordless phones and base stations, and WiFi printers.



- Sometimes it helps to change the MR2600 wireless channel to reduce interference with neighbors' wireless networks.
  1. To change the Wireless Channel used, first log into the Configuration Manager to log into the Configuration manager, you type **192.168.1.1** in the address bar of your browser, go to that address, enter the Password (the default password **motorola** or one you picked), then click the **Login** button.
  2. From the top menu select **WiFi / Basic Settings**
  3. To try a new channel in either the 2.4G or 5G wireless network, select the channel from the WiFi Channel dropdown menu.
  4. Select **Save** to save your new setting.
- The MR2600 router provides a powerful wireless signal that can help reach many corners of your house. However, wireless range can be limited by a variety of issues, including weak wireless clients and challenging building configurations. Many devices, such as phones, that you may use to connect to the MR2600 do not have as powerful a wireless signal. Although the MR2600's advanced wireless technology can help improve the performance and range of the devices, often the weaker signal of your other devices can be a limiting factor. If you need greater wireless range with the devices in your home, you could add a Range Extender. For more information, please see [www.motorolanetwork.com/extenders](http://www.motorolanetwork.com/extenders)
- If you have coaxial cable running near your router and a distant device, MoCA is often a good way to connect the router to the device. MoCA can share the same cable used for cable TV, cable Internet, or FiOS fiber optic service. With the Motorola MM1000 MoCA Adapter, speeds are up to 1,000 Mbps. You typically need to connect one MM1000 to the router and one to the remote device, such as an HDTV, computer, game station, or wireless access point. *(Note: A MoCA adapter should NOT be used over a coax cable that's also being used for DirecTV or some other type of satellite TV, since satellite TV typically uses the same frequencies as a MoCA adapter.)*



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### **What if I don't know my MR2600's WiFi SSID/Network Name or WiFi Password/Key?**

The default values are printed on the bottom label. Use these unless you changed them. If you did change them, you may have written the new settings on a label that's on the MR2600. If you have a device that connects wirelessly to the MR2600, it may show the WiFi SSID/Network Name and WiFi Password/Key.

You can also find this information in the MR2600 Configuration Manager. Information about using this is in the Configuration Manager section above. If all else fails, reset the device to factory defaults by holding the Reset button for 8 seconds. You can then use the default values.

### **I'm unable to access the MR2600 when I try to login to the Configuration Manager**

- First check that the MR2600's Power light is on.
- Check that your Setup Device is connected to the MR2600. If you are using an Ethernet cable to connect to the Setup Device, make sure it is securely plugged in. Your Ethernet cable might be bad, try an Ethernet cable that you know is working.
- If you are using wireless to connect the MR2600 to the Setup Device, make sure you are connected to the MR2600's wireless network. The default wireless network name and password appear on the bottom label.

Do you have any other questions? A good place to start is our full-length manual:

[www.motorolanetwork.com/MR2600manual](http://www.motorolanetwork.com/MR2600manual)



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## We like to help.

Please visit our support Website or call our support specialists. Our Website has our Motorola Mentor information, and also provides returns and warranty information.

[www.motorolanetwork.com/support](http://www.motorolanetwork.com/support)

Email: [support@motorolanetwork.com](mailto:support@motorolanetwork.com)

Phone:

In the US and most other countries:

800-753-0797 or +1 617-753-0562

UK: +44 800 023 9083

Spain: +34 900 839 783

Our full-length user manual is available at  
[www.motorolanetwork.com/MR2600manual](http://www.motorolanetwork.com/MR2600manual)

## Limited Warranty

MTRLC LLC warrants this product against defects in material and workmanship for a warranty period of 2 years. To read the full warranty, please go to

[www.motorolanetwork.com/warranty](http://www.motorolanetwork.com/warranty)



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## Safety Precautions

**These precautions help protect you and your MR2600.**

This equipment is designed with the utmost care for the safety of those who install and use it. However, special attention must be paid to the dangers of electric shock and static electricity when working with electrical equipment. All guidelines of this and of the computer manufacturer must therefore be allowed at all times to ensure the safe use of the equipment.

- Do not put the MR2600 or its power cube in water, since this is a shock hazard.
- Protect the MR2600 from moisture and be careful about temperature.
- Your MR2600 should be operated in an environment that's between 32 and 104° Fahrenheit (0 to 40° Centigrade).
- Your MR2600 should not be in a confined space. There should be room for air flow around the top, front, and sides of the MR2600.
- Make sure to use your MR2600's power cube and a compatible electrical outlet.

**MOTOROLA and MTRLC assume no liability for damage caused by any improper use of the router.**



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## FCC Statement

This device complies with Class B 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.

Note: 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 or more 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, and/or 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 the equipment.

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

For operation within the 5.15 - 5.25GHz frequency range, it is restricted to indoor operation. This device meets all the other requirements specified in Part 15E, Section 15.407 of the FCC Rules.

## FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated within minimum distance 42cm between the radiator and your body.



DC input connector is center-pin positive polarity.



WEEE is a directive in the EU that designates safe and responsible collection, recycling, and recovery procedures for electronic waste.

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