



motorola



Quick Start

AC1700 Router
Model MR1700

Packaged with your MR1700 router



Power Cube
(varies by country)



Ethernet Cable

Para una Guía de Inicio Rápido en español, por favor vaya a www.motorolanetwork.com/MR1700R

Let's get started

First connect the MR1700's yellow Ethernet cable between the MR1700's WAN port and the Ethernet port of a cable modem, DSL modem, fiber optic modem, or an in-building network used for Internet access.

If you are using a modem, turn it off now. For some modems, this requires you to remove the power backup battery. After the modem is off for at least 10 seconds, turn it back on. (If it has a backup battery, replace that first.)



Power up your MR1700

Connect the supplied power cube between the MR1700's power jack and a working electrical outlet.

Most users will plug the MR1700 into their cable or DSL modem and use the MR1700's default settings. In the unlikely event that you are using a static IP address or want to terminate a PPPoE connection, see the full-length User Manual at www.motorolanetwork.com/MR1700manual for further assistance. If you do not know that you need these settings, then most likely you do not.



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Connect Your Devices

Wireless

You can connect wirelessly by using the Wi-Fi SSID/Network Name and Wi-Fi Password/Key printed on the label on the bottom of the MR1700 router.

Wired

You can also connect your computer, game station, or other device with an Ethernet cable between the computer and one of the Ethernet LAN jacks on the router.

Try to browse the Web using a device connected via Ethernet or Wi-Fi to the MR1700. If browsing works, Congratulations! Your MR1700 is working.

If your MR1700 is NOT working, see Troubleshooting Tips below.



Configuration Manager

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

- You want to change the wireless router setup. For instance, maybe you're replacing a router and want to use your existing Wi-Fi SSID/Network Name and/or Wi-Fi Password/Key instead of the unique ones that come with the MR1700.
- 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 MR1700 router. This can be helpful in optimizing wireless performance.

If you need to access the MR1700 Configuration Manager, open your Web browser. Type **http://192.168.1.1** in the address bar and press Enter.

In the login dialog box, type the following User Name and Password in lower case, then click OK.

User Name: **admin**

Password: **motorola**

The first time you log into the MR1700, you will be asked to configure your router. Click on the **Configure your Router** button to go to the Basic Settings page. Most users should click **Save** to accept the default configuration. If you need to make changes to the default configuration please see the full length manual at **www.motorolanetwork.com/MR1700manual**. If you have already logged in to your router you will be taken to the Home page. If the home page doesn't appear, please see the **Troubleshooting Tips** below.

For details about the Configuration Manager please see **www.motorolanetwork.com/MR1700manual**



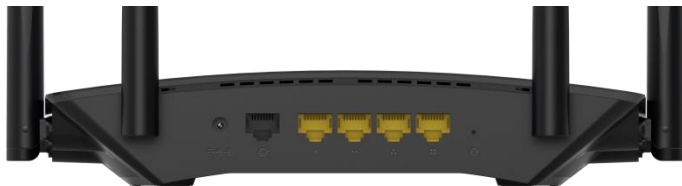
Improving Wireless Performance

As noted before, the MR1700 has a unique Wi-Fi SSID/Network Name and Wi-Fi Password/Security Key printed on the MR1700's bottom label. If you don't change these, you should set up your wireless devices to work with this SSID and password.

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

- Where possible, put the MR1700 in a central place so that it's not too far away from your other wireless devices.
- Try to avoid interference from other wireless devices such as Bluetooth headsets and stereos, microwave ovens, and 2.4 GHz cordless phones and base stations. Don't put the MR1700 close to these interfering devices.
- Sometimes it helps to change the MR1700 wireless channel frequency to reduce interference with neighbors' wireless networks. This is discussed in the Troubleshooting section of this Quick Start.
- The MR1700 router provides a powerful wireless signal that can help reach many corners of your house. However, many devices, such as phones, that you may use to connect to the MR1700 do not have as powerful a wireless signal. Although the MR1700'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 this happens in your home, you may want to add a Range Extender to help boost your wireless signal for these devices. For more information, please see www.motorolanetwork.com/extenders

Back Panel



POWER

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

WAN

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

ETHERNET (LAN 1, 2, 3, 4)

You can connect a computer, HDTV, game station, or other Ethernet-capable device to any of these 4 LAN ports.

RESET

Press the reset button for 8 seconds in the unlikely event that you need to reset your modem to factory defaults.



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 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.
- Check that the modem that the router is plugged into is powered on 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 Wi-Fi SSID/Network Name and Wi-Fi 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. Restarting 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?

Please re-read the Improving Wireless Performance section above.



What if I don't know my MR1700's Wi-Fi SSID/Network Name or Wi-Fi Password/Key?

The default values are printed on the bottom label. Use these unless you changed them. If you changed them, and you have a device that connects wirelessly to the MR1700, it may show the Wi-Fi SSID/Network Name and Wi-Fi Password/Key.

You can also find this information in the MR1700 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.

What if I think that wireless devices are interfering with my MR1700 wireless router?

- Where possible, put the MR1700 as far away as possible from interfering devices such as microwave ovens, Bluetooth transmitters and neighbors' Wi-Fi routers.
- Try to pick a less used wireless channel for your MR1700. Go into your MR1700's Configuration Manager.
 1. To change the channel for the 2.4 GHz band select 2.4 GHz wireless, to change the channel for the 5 GHz band select 5 GHz wireless.
 2. Select the channel you want in the Channel pulldown, then click Apply.

Do you have any other questions? A good place to start is our full-length manual: www.motorolanetwork.com/MR1700manual



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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

Email: 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

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**

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Safety Precautions

These precautions help protect you and your MR1700.

- Do not put the MR1700 or its power cube in water, since this is a shock hazard.
- Do not use the MR1700 outdoors if that exposes the router to rain, snow, ice, excessive moisture, extreme temperatures, or other extreme conditions.
- Your MR1700 should be operated in an environment that's between 32 and 104° Fahrenheit (0 to 40° Centigrade).
- Your MR1700 should not be in a confined space. There should be room for air flow around the top, front, and sides of the MR1700.
- Make sure to use your MR1700's power cube and a compatible electrical outlet.

FCC Statement

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. 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 Radiation Exposure Statement: This equipment complies with radiation exposure limits and should be installed and operated with minimum distance 20cm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.



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

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