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AC1700 Router
Quick Start

Model MR1700

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Packaged with your MR1700 router
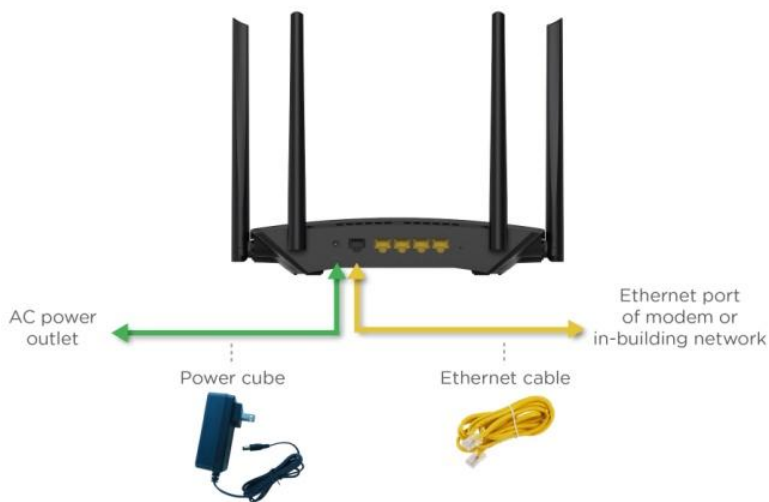
Power Cube
(varies by country)

Ethernet Cable

Para una Guía de Inicio Rápido en español, por favor
vaya a **www.motorolanetwork.com/MR1700IR**

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 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.)

AC power outlet

Ethernet port of modem or in-building network

Power cube

Ethernet cable

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Power up your MR1700

Now connect the supplied power cube between the MR1700's power jack and a working electrical outlet. The MR1700 should power up and the Status light on the top of the unit below the Motorola logo should turn on with a solid amber color for about 50 seconds. It should then change to solid or blinking white. When blinking, it is on but not connected to the Internet. When the light is solid, it is on and connected to the Internet.

Most users should use the MR1700's default Internet settings. In the very unlikely event that your service provider assigned you a static IP address or you need to terminate a PPPoE Internet connection, see the full-length User Manual at **www.motorolanetwork.com/MR1700manual** .

Connect Your Devices

WiFi Wireless

You can connect any of your WiFi devices by first going into the WiFi setup section for the device. Then use the Wi-Fi SSID/Network Name and Wi-Fi Password/Key printed on the label on the bottom of the MR1700 router.

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 MR1700 is working.

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

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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 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.

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

If you need to access the MR1700 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 the following Password in lower case, then click **OK**.

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. You may want to change the settings on this page - if you want to change the wireless Network Name and Password, if you want to change the default login password of the router, or in the unlikely event that your service provider assigned you a static IP address or needs you to terminate a PPPoE connection. If you need to make changes to the default configuration and

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need help, please see the full length manual at
www.motorolanetwork.com/MR1700manual .

If you later log into the MR1700, you will be taken to the Home
page. If the home page doesn't appear, please see the
Troubleshooting Tips below.

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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. 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 MR1700. (Changing them will not affect wireless quality.)
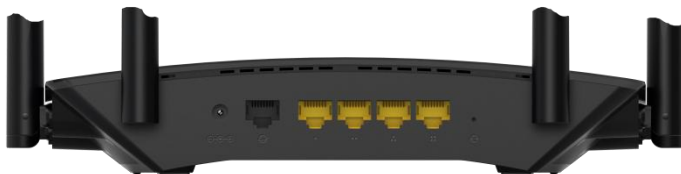
Note that wireless performance depends on a number of factors. Please keep these things in mind:

• Where possible, put the MR1700 in a central place so that it's not too far away from your other wireless devices.

• Don't put the MR1700 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 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, 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 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 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** .

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

↻ **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.

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 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. 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?
Please re-read the Improving Wireless Performance section above.

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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 did change them, you may have written the new settings on a label that's on the MR1700. If 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:

   +1 800-753-0797 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/MR1700manual

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.

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FCC and Industry Canada 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, Industry Canada ICES-003, and license-exempt RSS standards. 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. *Cet appareil numérique de la class B est conforme à la norme NMB-003 du Canada.Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1) l'appareil nedoit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.*

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 instruations, 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 and IC 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. *Le présent appareil est conform aprés examen de ce matériel aux conformité ou aux limites d'intensité de champ RF, les utilisateurs peuvent sur l'exposition aux radiofréquences et la conformité et compliance d'acquiérir les informations correspondantes.*

~ Input supply voltage is from AC outlet (mains), disconnect device from outlet to remove power.

▣ Double-insulated, does not require a connection to Earth ground.

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

MTRLC LLC
PO Box 121147
Boston, MA 02112-1147

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