



D-Link R3 AX3000 MU-MIMO WiFi Gigabit Router Installation Guide

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D-Link R3 AX3000 MU-MIMO WiFi Gigabit Router



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BEFORE YOU BEGIN

Delivery Package

- Router R3
- 12V/1.5A
- Ethernet cable
- “Quick Installation Guide” (brochure).

If any of the items are missing, please contact your reseller.

The “User Manual” and “Quick Installation Guide” documents are available on D-Link website.

! Using a power supply with a different voltage rating than the one included will cause damage and void the warranty for this product.

Default Settings

- **IP address of router:** 192.168.0.1
- **Username (login):** admin
- **Password:** (as printed on the device label)
- **Name of wireless R3-2.4G-XXXX**
- **network (SSID):** R3-5G-XXXX
- **Wireless Password:** (as printed on the device label)

! The router R3 with default settings cannot connect to the Internet. To get started, please set your own password for access to the web-based interface and change the WLAN name (SSID); then, if needed, configure other settings recommended by your ISP.

SYSTEM REQUIREMENTS AND EQUIPMENT

- A computer with any operating system that supports a web browser.
- A web browser to access the web-based interface of the router: Apple Safari 8 and later, Google Chrome 48 and later, Microsoft Internet Explorer 10 and later, Microsoft Edge 20.10240 and later, Mozilla Firefox 44 and later, Opera 35 and later.
- A NIC (Ethernet or Wi-Fi adapter) to connect to the router.
- An 802.11a, b, g, n, or ac Wi-Fi adapter to connect to a wireless network.

SAFETY RULES AND CONDITIONS

Please carefully read this section before installation and connection of the device. Make sure that the power adapter and cables are not damaged. The device should be used only as intended in accordance with the documents.

The device is intended for use in dry, clean, dust-free, and well ventilated areas with normal humidity away from strong heat sources. Do not use the device outdoors or in the areas with high humidity. Do not place foreign objects on the device. Do not obstruct the ventilation openings of the device. The environmental temperature near the device and the temperature inside the device's cover should be within the range from 0 °C to +40 °C.

Only use the power adapter supplied with the device. Do not plug in the adapter, if its case or cable are damaged. Plug the adapter only into working electrical outlets with parameters indicated on the adapter.

Do not open the cover of the device! Unplug the device before dusting and cleaning. Use a damp cloth to clean the device. Do not use liquid/aerosol cleaners or magnetic/static cleaning devices. Prevent moisture getting into the device or the power adapter.

CONNECTION AND CONFIGURATION

1. Connect the power cord to the power connector port on the back panel of the router, then plug the power adapter into an electrical outlet or power strip.
2. Connect the router to your PC.

- PC with Ethernet adapter: Connect an Ethernet cable between an available Ethernet port of the router and the Ethernet port of your PC. Turn on the router by pressing the POWER button on its back panel. Make sure that the Ethernet adapter of your PC is configured to obtain an IP address automatically.
 - PC with Wi-Fi adapter: Turn on the router by pressing the POWER button on its back panel. Make sure that the Wi-Fi adapter of your PC is on and configured to obtain an IP address automatically. Connect to the network **R3-2.4G-xxxx** (for operating in the 2.4GHz band) or **R3-5G-xxxx** (for operating in the 5GHz band). Use wireless password from the device label.
3. Start a web browser. In the address bar of the web browser, enter the IP address of the router (by default, **192.168.0.1**). Press the Enter key.
After the first access to the web-based interface you are forwarded to the start page of the Setup Wizard.
 4. Click the Next button.
 5. Select a Mode (Router, Bridge/AP or WISP)
 6. Click the Next button in order to configure the device with the Setup Wizard or the Cancel button to configure all needed setting manually.

When the web-based interface is accessed the next time and after, the login page opens. Enter the username (admin) in the Username field and the password you specified in the Password field, then click the LOGIN button.

Use the menu in the top part of the page to configure the router.
To exit the web-based interface, select the Logout menu section.

TROUBLESHOOTING

Question 1. How do I reset the router to the factory default settings?

You can restore the factory default settings via the hardware RESET button located on the back side of the router.

1. Use a small paperclip to activate the button; insert it into the hole (with the device turned on), push, and hold for 10 seconds.
2. Release the button and wait until the router is rebooted (about a minute or two).

Then access the web-based interface (see the Default Settings section of the present document) and configure all needed settings.

Question 2. What can I do if my router is not working correctly?

Below are some steps applicable to the most common issues.

1. Check the LEDs on the top panel of the router. The following LEDs should be solid or blinking blue : POWER, INTERNET, LAN (corresponding to the LAN ports of the router to which devices from the router's local area network are connected), 2.4GHz WLAN and 5GHz WLAN (if the 2.4GHz or 5GHz wireless network correspondingly is ON and in use).
2. Make sure that all cables are connected properly.
3. Power off the router for 20 seconds, then power it on again.

Question 3. Why am I unable to connect to the Internet?

Contact your ISP to make sure that the relevant service is available and that you use correct connection settings.

FCC Caution

This device complies with 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.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user’s authority to operate the equipment.

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.
- Consult the dealer or an experienced radio/TV technician for help.

RF warning for Mobile device:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Documents / Resources

<div><div>Quick Installation Guide</div><div>R3 AX3000 MU-MIMO WiFi Gigabit Router</div></div>	<div>D-Link R3 AX3000 MU-MIMO WiFi Gigabit Router [pdf] Installation Guide</div> <div>R3, 2AR6U-R3, 2AR6UR3, R3 AX3000 MU-MIMO WiFi Gigabit Router, AX3000 MU-MIMO Wi Fi Gigabit Router, MU-MIMO WiFi Gigabit Router, WiFi Gigabit Router, Gigabit Router, Router</div>
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References