

MikroTik G8-b Wireless Router User Guide

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Introduction

This device needs to be upgraded to RouterOS v7.10 or the latest stable version, to ensure compliance with local authority regulations!

It is the end user's responsibility to follow local country regulations, including operation within legal frequency channels, output power, cabling requirements, and Dynamic Frequency Selection (DFS) requirements. All MikroTik radio devices must be installed according to instructions.

This "wAP 60G" series Quick Guide covers models: RBwAPG-60ad (wAP 60G), RBwAPG60adkit (Wireless Wire), RBwAPG 60ad-SA (wAP 60Gx3 AP), RBwAPG-60ad-A (wAP 60G AP)



This is a wireless network device. You can find the product model name on the case label (ID).

Please visit the user manual page on <https://mt.lv/um> for the full up-to-date user manual. Or scan the QR code with your mobile phone.

The most important technical specifications for this product can be found on the last page of this Quick Guide.

Technical specifications, brochures, and more info about products at <https://mikrotik.com/products>

Configuration manual for software in your language with additional information can be found at <https://mt.lv/help>

If you need help with configuration, please seek a consultant <https://mikrotik.com/consultants>

First steps:

- Connect the device to the included PoE injector with Ethernet cable to the data+power end;
- Connect the data end of the PoE injector into the computer;
- Connect the power adapter to the PoE injector;
- Download WinBox configuration tool <https://mt.lv/winbox>;

- Default IP: 192.168.88.1, user name: admin and there is no password, for the paired models, please find the password on the sticker;
- Set an IP address of your computer to 192.168.88.2;
- In case the IP connection is not available, please use the Neighbors tab and connect through MAC address;
- Once connected configure the device, so it has an active Internet connection <https://mt.lv/configuration>;
- Upgrade the RouterOS software to the latest version <https://mt.lv/upgrade>;
- Choose your country, to apply country regulation settings;
- Secure your device and set a strong password;
- For more configuration information, please visit <https://wiki.mikrotik.com/wiki/Manual:Interface/W60G>;
- wAP60G AP units come pre-configured with WISP Bridge default configuration;
- Wireless Wire and wAP60G units come pre-configured with PTP Bridge default configuration;
- Wireless Wire devices have already, randomly generated, matching SSID, and Wireless passwords. Safety Information:
- Before you work on any MikroTik equipment, be aware of the hazards involved with electrical circuitry, and be familiar with standard practices for preventing accidents. The installer should be familiar with network structures, terms, and concepts.
- Use only the power supply and accessories approved by the manufacturer, and which can be found in the original packaging of this product.
- This equipment is to be installed by trained and qualified personnel, as per these installation instructions. The installer is responsible for making sure, that the Installation of the equipment is compliant with local and national electrical codes. Do not attempt to disassemble, repair, or modify the device.
- This product can be installed both indoors and outdoors. Please read the mounting instructions carefully before beginning installation. Failure to use the correct hardware and configuration or to follow the correct procedures could result in a hazardous situation for people and damage to the system.
- We cannot guarantee that no accidents or damage will occur due to the improper use of the device. Please use this product with care and operate at your own risk!
- In the case of device failure, please disconnect it from power. The fastest way to do so is by unplugging the power adapter from the power outlet. The socket-outlet shall be installed near the equipment and shall be easily accessible.
- This is a Class A product. In a domestic environment, this product might cause radio interference in which case the user might be required to take adequate measures!

Exposure to Radio Frequency Radiation: This MikroTik equipment complies with the European Union radiation exposure limits set forth for an uncontrolled environment. This MikroTik device should be installed and operated no closer than 20 centimeters from your body, occupational user, or the general public.

Manufacturer: Mikrotiks SIA, Unijas 2, Riga, Latvia, LV1039.

Federal Communication Commission Interference Statement

Model	FCC ID
RBwAPG60adkit	TV7WAPG60AD
RBwAPG-60ad	TV7WAPG60AD
RBwAPG-60adA	TV7WAPG60AD
RBwAPG-60adSA	TV7WAPG60AD M



This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a commercial installation.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications.

Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

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.

Note: This unit was tested with shielded cables on the peripheral devices. Shielded cables must be used with the unit to ensure compliance.

This device is not to be operated on aircraft except for the conditions listed on FCC CFR §15.255 (b)

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UKCA marking



CE Declaration of Conformity

WiGig

Operational channels / Maximum output power	58.32 GHz / 40 dBm
	60.48 GHz / 40 dBm
	62.64 GHz / 40 dBm

Technical Specifications

- Product Power
- Input Options
- DC Adapter Output
- Specification, (V/A)
- IP class of the enclosure
- Operating Temperature



Documents / Resources

A small thumbnail image of the MikroTik G8-b User Guide PDF cover. It shows the MikroTik logo and some text in English and Russian.	<p>MikroTik G8-b Wireless Router [pdf] User Guide RBwAPG-60adkit, RBwAPG-60ad-SA, G8-b Wireless Router, Wireless Router, Router</p>
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