



## **mikroTIK C53UiG+5HPaxD2HPaxD hAP ax<sup>3</sup> Routers and Wireless User Guide**

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and Wireless User Guide**

### **Quick Guide - hAP ax<sup>3</sup>**

## **Models: C53UiG+5HPaxD2HPaxD**



### **EN - English - Quick Guide:**

This device needs to be upgraded to RouterOS v7.7 or the latest stable version, to ensure compliance with local authority regulations! It is the end users' 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 "hAP ax<sup>3</sup>" series Quick

Guide covers models: C53UiG+5HPaxD2HPaxD (hAP ax<sup>3</sup>).

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



<https://mt.lv/um>

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 relevant 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:



- Please attach provided antennas to the device, before connecting to the power source;
- Make sure your Internet service provider is allowing hardware change and will issue an automatic IP address;
- Connect the service provider cable to the Internet port and connect the device to the power source;
- Open network connections on your computer and search for MikroTik wireless network – connect to it;
- The configuration can be done through the wireless network using a web browser or mobile app.

Alternatively, you can use a WinBox configuration tool <https://mt.lv/winbox>;

- Open <https://192.168.88.1> in your web browser to start configuration, user name: admin and there is no password by default (or, for some models, check user and wireless passwords on the sticker);
- Click the (Check for updates) button and update your RouterOS software to the latest version;
- Choose your country, to apply country regulation settings;
- Set up your wireless network password;
- Set up your router password;
- The following RouterOS “npk” packages are required for the core functionality of the product: wifwave2, system.

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, 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 is intended to be installed indoors. Keep this product away from water, fire, humidity, or hot environments.
- 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!
- The socket-outlet shall be installed near the equipment and shall be easily accessible.
- 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. 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 37 centimetres from your body, occupational user, or the general public.

#### **Federal Communication Commission Interference Statement**

<b>Model</b>	<b>FCC ID</b>
C53UiG+5HPaxD2HPaxD-US	TV7C53-5AXD2AXD



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 the receiver.
- Connect the equipment to 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.

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.

APPROVED 2.4 GHz ANTENNA:

- 3.36 dBi Omni-directional (HGO-antenna-IN) APPROVED 5 GHz ANTENNA:
- 6.01 dBi Omni-directional (HGO-antenna-IN)

Exposure to Radio Frequency Radiation: This MikroTik equipment complies with the FCC radiation exposure limits set forth for an uncontrolled environment. This MikroTik device should be installed and operated no closer than 37 centimetres from your body, occupational user, or the general public.

## UKCA marking



## CE Declaration of Conformity

Hereby, Mikrotikls SIA declares that the radio equipment type C53UiG+5HPaxD2HPaxD is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: <https://mikrotik.com/products>

This MikroTik device meets Maximum transmit power limits per ETSI regulations. For more detailed information see Declaration of Conformity above

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## Technical Specifications

Product Power Input Options  
DC Adapter Output Specification  
IP class of the enclosure  
Operating Temperature  
DC Jack (12 – 28 V DC) 24 1.5 IP20  $\pm 0^{\circ}$  ..  $+70^{\circ}\text{C}$   
PoE in Ethernet port (18 – 28 V DC)

## Documents / Resources

