



EN - English - Quick Guide:



This device needs to be upgraded to RouterOS v6.46 or the latest 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 professionally installed.

This "mANTBox 52 15s" series Quick Guide covers models: RBD22UGS-5HPacD2HnD-15S (mANTBox 52 15s)

This is 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.

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

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

MikroTik devices are for professional use. If you do not have qualifications please seek a consultant <https://mikrotik.com/consultants>

This Device accepts input of 48V DC 1.2A power adapter, which is provided in the original packaging of this device. This Device can be powered using DC Jack or PoE injector (Provided in the packaging).

First steps:

- Open the upper cover and connect an external antenna.
- Open the bottom cover and connect the device to the power source.
- Open network connections on your PC, search for MikroTik wireless network and connect to it.
- The configuration can be done through the wireless network using a WinBox configuration tool <http://mt.lv/winbox>.
- Download and open "Winbox", choose "Neighbors" to find the device.
- Click on the MAC address, user name: admin and there is no password, click Connect.
- Download the latest "ARM" packages to your PC <https://mikrotik.com/download>.
- Upload downloaded packages to the Winbox "Files" menu and reboot the device.
- In "QuickSet" menu set up the following: Choose your country, to apply country regulation settings.
- Set the antenna gain, depending on the antenna used.
- Set up your wireless network password in the left field.
- Set up your router password in the bottom field.

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 is intended to be mounted outdoors on a pole. 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 to 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.
- 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 FCC, IC and European Union radiation exposure limits set forth for an uncontrolled environment. This MikroTik device should be installed and operated no closer than 25 centimeters from your body, occupational user or the general public.

Manufacturer: Mikrotikls SIA, Brivibas gatve 214i Riga, Latvia, LV1039.



Federal Communication Commission Interference Statement

FCC ID: TV7D2352AC

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 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:

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.

Antenna Installation WARNING: It is the installer's responsibility to ensure that when using the authorized antennas in the USA (or where FCC rules apply); only those antennas certified with the product are to be used. The installer should configure the output power level of antennas, according to country regulations and per antenna type. Professional installation is required for equipment with connectors to ensure compliance with health and safety issues.

LIST OF APPROVED 2.4 GHz ANTENNAS:

3.6 dBi Dipole Antenna (Model: HGO-antenna-OUT)

5 dBi Dipole Antenna HP (Model: DA-2450-05RP-SMA-01 (ACOMNIRPSMA))

LIST OF APPROVED 5 GHz ANTENNAS:

6.68 dBi Dipole Antenna (Model: HGO-antenna-OUT)

19 dBi Sector Antenna (Model: MTAS-5G-19D120)

30 dBi Parabolic Dish Antenna (Model: MTAS-5G-30D3)

The same type of antenna and lower antenna gain than those listed above may also be used in accordance to certification



Innovation, Science and Economic Development Canada

IC: 7442A-D2352AC

This device contains license-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's license-exempt RSS(s). Operation is subject to the following two conditions: (1) This device may not cause interference. (2) This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : 1) L'appareil ne doit pas produire de brouillage; 2) L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

This Class A digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe [A] est conforme à la norme NMB-003 du Canada.

CAN ICES-003 (A) / NMB-003 (A)

The device for operation in the band 5150–5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems.

Les dispositifs fonctionnant dans la bande de 5 150 à 5 250 MHz sont réservés uniquement pour une utilisation à l'intérieur afin de réduire les risques de brouillage préjudiciable aux systèmes de satellites mobiles utilisant les mêmes canaux

Antenna Installation WARNING: It is installer's responsibility to ensure that when using the authorized antennas in the Canada (or where IC rules apply); only those antennas certified with the product are to be used. The installer should configure the output power level of antennas, according to country regulations and per antenna type. Professional installation is required of equipment with connectors to ensure compliance with health and safety issues.

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