

Manuals.plus /

> MIRKIT /

> Mirkit Waterproof Baofeng Radio UV-9R Plus MK1 (UV-82 3rd Generation) 8W Ham Radio VHF/UHF 144-148/420-450mhz Walkie Talkie with 2200mAh Battery, IP67 Radio: Dust, Cold & Waterproof Radio User Manual

MIRKIT UV 9R

Mirkit Waterproof Baofeng Radio UV-9R Plus MK1 User Manual

Model: UV 9R | Brand: MIRKIT

INTRODUCTION

This user manual provides comprehensive instructions for the operation, maintenance, and troubleshooting of your Mirkit Waterproof Baofeng Radio UV-9R Plus MK1. Please read this manual carefully before using your radio to ensure proper function and safety. This radio is designed for reliable communication in various environments, including wet, dusty, and cold conditions, thanks to its IP67 protection.

WHAT'S IN THE BOX

What's in the box



Image: All components included in the Mirkit Baofeng UV-9R Plus MK1 package.

- 1 x Baofeng Max Power Radio UV-9R plus MK1
- 1 x Baofeng battery 2200mAh
- 1 x Desktop Charger
- 1 x Adapter
- 1 x Earphone with mic
- 1 x Original Antenna
- User Manual (this document)
- Belt Clip

KEY FEATURES

Ergonomic

Non-slip Hardened Radio Shell Makes it Perfect for Your Hand!



8W Power



VHF/UHF Dual Frequency



2200 mAh Battery



IP67 Waterproof



Image: The ergonomic design of the radio, highlighting its non-slip hardened shell for a secure grip.

- **Waterproof and Durable:** IP67 protection allows for 39-inch submersion for 30 minutes. Reliable in wet, dusty, and cold environments with a non-slip hardened shell.
- **Easy to Use and Long-lasting:** User-friendly interface with FM radio receiver and High/Mid/Low power settings. Features a 2200mAh battery for extended use.
- **VOX and Hands-free Operation:** Voice Activated Transmit (VOX) function for convenient hands-free communication.
- **Exceptional Sound Quality:** Delivers crystal-clear audio transmission and reception with a powerful speaker for noisy environments.
- **Impressive Communication Range:** VHF/UHF 144-148 MHz / 420-450 MHz coverage. FCC Part 15 and 97 certified. Programmable via CHIRP with Mirkit Channel List firmware available on request.

Dust, Cold & Waterproof

With IP67 Waterproof protection this TwoWay Radio can be 1 meter underwater for 30 min!



Image: The radio partially submerged in water, illustrating its IP67 dust, cold, and waterproof capabilities.

Empower your communication!

High-Quality Battery
True 2200mAh Capacity



Image: The radio alongside its high-quality 2200mAh Lithium-Ion battery, emphasizing extended power.

SAFETY INFORMATION

This device complies with part 15 of the FCC Rules. FCC ID: 2AJGM-UV82. Operation is subject to the condition that this device does not cause harmful interference.

Legal Disclaimer: Restricted to occupational use to satisfy FCC RF exposure limits. Modification of this device to receive cellular radiotelephone service signals is prohibited under FCC rules and federal law.

SETUP

1. Battery Installation

Align the battery pack with the grooves on the back of the radio. Slide the battery upwards until it clicks securely into place. To remove, press the release latch at the bottom of the battery and slide it downwards.

2. Charging the Battery

Place the radio with the battery attached into the desktop charger. Ensure the charging contacts on the radio align with those on the charger. The indicator light on the charger will typically show red during charging and turn green when fully charged. Use only the provided desktop charger and adapter.

3. Attaching the Antenna

Screw the antenna clockwise into the connector on the top of the radio until it is finger-tight. Do not overtighten.

4. Attaching the Belt Clip

Secure the belt clip to the back of the radio using the provided screws. This allows for convenient carrying.



Image: The radio with an attached strap, demonstrating the secure locking mechanism to prevent loss.

OPERATING INSTRUCTIONS

1. Power On/Off and Volume Control

To power on the radio, rotate the power/volume knob clockwise until you hear a click. Continue rotating to increase

the volume. To power off, rotate the knob counter-clockwise until it clicks.

2. Channel Selection

Use the UP/DOWN arrow keys on the keypad to navigate through channels. You can also directly input a frequency using the numeric keypad.

3. Transmitting (PTT Button)

To transmit, press and hold the Push-to-Talk (PTT) button located on the left side of the radio. Speak clearly into the microphone. Release the PTT button to receive.

4. VOX Function

The Voice Activated Transmit (VOX) function allows for hands-free operation. When VOX is enabled, the radio will automatically transmit when it detects your voice. Refer to the radio's menu for VOX sensitivity settings.

5. FM Radio

Your radio includes a built-in FM radio receiver. Consult the radio's menu or quick-start guide for instructions on activating and tuning the FM radio.

6. Built-in Flashlight

The radio features a built-in flashlight. Typically, this can be activated by a short press of a dedicated button or a combination of keys. Refer to your radio's specific button functions.

7. Programming

The UV-9R Plus MK1 is programmable via CHIRP software. Mirkit Channel List firmware is available upon request to enhance versatility and range. A programming cable (sold separately) is required for this process.

Your browser does not support the video tag.

Video: A demonstration of the Mirkit Baofeng Radio UV-9R, showcasing its features and design.

MAINTENANCE

1. Cleaning

Wipe the radio with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners. Ensure all ports are sealed before cleaning if using a damp cloth.

2. Battery Care

To prolong battery life, avoid fully discharging the battery frequently. Charge the battery regularly, even if the radio is not in use for extended periods. Store the battery in a cool, dry place.

3. Water Resistance

While the radio is IP67 rated for water and dust resistance, ensure all port covers are securely closed before exposing the radio to water or dusty environments. Avoid prolonged submersion beyond specified limits.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Radio does not power on	Battery is low or not properly installed.	Charge the battery. Ensure the battery is securely attached.
No sound or low volume	Volume is too low or squelch is set too high.	Increase volume. Adjust squelch level in the menu.
Poor communication range	Antenna not properly attached or environmental interference.	Ensure antenna is securely attached. Move to an open area.
Cannot transmit	Incorrect frequency/channel or PTT button issue.	Verify frequency/channel. Ensure PTT button is fully pressed.

SPECIFICATIONS



Image: The radio with measurements, showing its approximate dimensions.

Specification	Value
Item Weight	7 ounces (0.2 Kilograms)
Package Dimensions	7.2 x 5.79 x 4.21 inches
Country of Origin	China
Item Model Number	UV 9R
Batteries	1 Lithium Ion batteries required (included)
Display Type	LED
Brand	MIRKIT
Number of Channels	128
Special Feature	Built-In Flashlight

Specification	Value
Frequency Range	VHF/UHF 144-148 MHz / 420-450 MHz
Talking Range Maximum	15 Mile
Tuner Technology	UHF, VHF
Voltage	240 Volts (Charger)
Water Resistance Level	Waterproof (IP67)

WARRANTY AND SUPPORT

For warranty information and technical support, please contact MIRKIT directly through their official website or the retailer where you purchased the product. Keep your proof of purchase for any warranty claims.

Contact Information:

- Visit the [MIRKIT Store on Amazon](#) for more information and support resources.

© 2024 MIRKIT. All rights reserved.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

<https://manuals.plus/asin/B082Q1VL5Y>

More documents and user manuals: **<https://manuals.plus/>**