

radtel UV-88

Iradio UV-88 Multi-Band Two-Way Radio User Manual

MODEL: UV-88

Brand: radtel

PRODUCT OVERVIEW

The Iradio UV-88 is a powerful and reliable multi-band two-way radio designed for extended range communication in various environments, including outdoor and emergency use. This dual-band handheld radio supports both VHF and UHF frequencies, providing clear audio transmission. It is equipped with features such as VOX, CTCSS/DCS, emergency alerts, and a built-in flashlight, making it adaptable for diverse situations.

Key Features

- **Powerful Long-Range Communication:** Designed for stable voice transmission in open areas and complex terrain.
- **Dual-Band VHF/UHF Ham Radio:** Supports a wide frequency range and 128 programmable channels for amateur use, emergency response, or daily communication.
- **Fast Type-C USB Charging:** Modern USB-C interface for quick and convenient charging.
- **Durable, Portable & Weather-Resistant:** Compact design with a tough exterior, built-in flashlight, and ergonomic build.
- **Easy to Use, Fully Featured:** Includes VOX hands-free function, dual-watch, channel scanning, and NOAA weather alerts.

WHAT'S IN THE BOX

- 1x Iradio UV-88 Main unit
- 1x 2400mAh Li-ion Battery
- 1x Dual band antenna
- 1x Belt Clip
- 1x Type C charging Cable
- 1x Power supply with USB port

- 1x MW Antenna
- 1x SW Antenna
- 1x English User Manual





Image: The Iradio UV-88 radio unit displayed with its various included accessories, such as the battery, antennas, belt clip, and charging cable.

SETUP

1. Charging the Battery

Before first use, fully charge the included 2400mAh Li-ion battery. Connect the Type-C charging cable to the radio's USB-C port and the other end to the provided power supply or a compatible USB power source. The charging indicator will show the charging status.



Image: The Iridio UV-88 radio with a Type-C charging cable inserted into its port, demonstrating the charging connection.

2. Attaching the Antenna and Belt Clip

Screw the dual-band antenna clockwise onto the antenna connector at the top of the radio until it is finger-tight. To attach the belt clip, align it with the grooves on the back of the radio and slide it down until it clicks into place. Ensure both are securely fastened before operation.

METAL MATERIAL
DUST-PROOF
CRUSH-RESISTANCE



UV-88

Image: The Iridium UV-88 radio shown with its dual-band antenna and belt clip properly attached, ready for use.

OPERATING INSTRUCTIONS

Basic Operation

To power on the radio, rotate the power/volume knob clockwise. Continue rotating to adjust the volume. To power off, rotate the knob counter-clockwise until it clicks. The display will show the current frequency or channel.

Channel Selection

The UV-88 supports 128 programmable channels. Use the up/down arrow keys on the keypad to navigate through channels. Alternatively, you can directly input a frequency in VFO (Variable Frequency Oscillator) mode using the numeric keypad.

ONE-CLICK MATCHING QUICK DECODING



UV-88

Image: A close-up of the Iridium UV-88's display screen, showing a frequency of 435.12500 MHz, indicating its operational mode.

VOX Function

The Voice Operated Exchange (VOX) function allows for hands-free transmission. When VOX is enabled, the radio will automatically transmit when it detects your voice, eliminating the need to press the PTT (Push-To-Talk) button. Refer to the full user manual for detailed VOX sensitivity settings.

NOAA Weather Alerts

The UV-88 includes NOAA weather alert capabilities. This feature allows the radio to receive critical weather alerts and forecasts from the National Oceanic and Atmospheric Administration. Consult the detailed manual for instructions on how to activate and monitor NOAA weather channels in your area.

MAINTENANCE

To ensure the longevity and optimal performance of your Iradio UV-88, follow these maintenance guidelines:

- **Cleaning:** Wipe the radio with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Battery Care:** Avoid fully discharging the battery frequently. Recharge the battery before it is completely depleted. If storing for long periods, charge the battery to about 50% and store in a cool, dry place.
- **Environmental Protection:** While the radio is designed to be durable and crush-resistant, it is not water-resistant. Avoid exposing it to excessive moisture or extreme temperatures.



Image: The Iradio UV-88 radio, emphasizing its robust metal construction and features designed for dust-proof and crush-resistant durability.

TROUBLESHOOTING

Common Issues and Solutions

- **No Power:**

Solution: Ensure the battery is properly inserted and fully charged. Check the power/volume knob is rotated clockwise to the 'on' position.

- **No Audio or Low Volume:**

Solution: Adjust the volume knob. Ensure the antenna is securely attached. Check if the squelch level is set too high.

- **Cannot Transmit or Receive:**

Solution: Verify the correct frequency or channel is selected. Ensure the antenna is properly connected. Check if the battery level is sufficient for transmission.

- **Poor Range or Intermittent Communication:**

Solution: Ensure there are no major obstructions (buildings, dense foliage) between radios. Check antenna connection. Move to a higher elevation if possible.

- **Radio Not Charging:**

Solution: Verify the Type-C cable and power adapter are working correctly. Ensure the cable is fully inserted into the radio's port.

SPECIFICATIONS

Feature	Detail
Model Number	UV-88
Item Weight	1.1 pounds
Product Dimensions	1.18 x 2.36 x 4.72 inches
Batteries Required	1 9V battery (included)
Manufacturer	Xiamen Radtel Electronics Co.,Ltd
Number of Channels	1024
Special Feature	TYPE C charging
Frequency Range	144-148Mhz/420-450Mhz
Talking Range Maximum	5 Kilometer
Tuner Technology	AM/FM/SSB
Voltage	7.4 Volts
Water Resistance Level	Not Water Resistant

WARRANTY AND SUPPORT

Warranty: The Iradio UV-88 comes with a 1-Year limited warranty provided by the manufacturer, Xiamen Radtel Electronics Co.,Ltd. This warranty covers defects in materials and workmanship under normal use.

For technical support, warranty claims, or further assistance, please visit the official [radtel Store on Amazon](#) or contact their customer service directly through the contact information provided with your purchase.

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