Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

radtel RT-900

Radtel RT-900 Bluetooth 8W Multi Band Ham Radio Handheld Walkie Talkie User Manual

Model: RT-900

Introduction

This manual provides comprehensive instructions for the operation and maintenance of your Radtel RT-900 Bluetooth 8W Multi Band Ham Radio Handheld Walkie Talkie. Please read this manual thoroughly before using the device to ensure proper functionality and safety.
The Radtel RT-900 is a versatile two-way radio designed for clear communication across multiple bands, featuring advanced noise reduction and flexible programming options.

Setup

Package Contents

Before proceeding, ensure all components are present:

- Radtel RT-900 Radio Unit
- Antenna

Attaching the Antenna

Carefully screw the provided antenna onto the antenna connector at the top of the radio until it is finger-tight. Do not overtighten.



Image: The Radtel RT-900 radio with its antenna attached, showing the overall device structure.



Image: A close-up of the Radtel Tri-Band Flex Antenna, highlighting its design and flexibility.

Charging the Battery

The RT-900 features Type-C fast charging. Connect the Type-C cable to the radio's charging port and the other end to a compatible USB power adapter or computer USB port. The charging indicator will show the charging status.



Image: The Radtel RT-900 radio being charged via its USB-C port, demonstrating the charging process.

Operating Instructions

Power On/Off

To power on the radio, rotate the volume knob clockwise until you hear a click. To power off, rotate it counter-clockwise until it clicks.

Display Overview

The large LCD display shows critical information such as channel number, channel frequency, and channel names. Multiple data fields are displayed simultaneously for easy navigation.



Image: The Radtel RT-900's LCD display showing channel information, including frequency and channel name.

Programming the Radio

The Radtel RT-900 offers flexible programming methods:

- **Mobile App:** Supports iOS and Android devices. Connect via Bluetooth to program channels and settings directly from your smartphone.
- **PC CPS Software:** Use the dedicated Computer Programming Software (CPS) for detailed configuration via a PC.
- **CHIRP Programming:** Compatible with CHIRP software for advanced users.



Image: A smartphone screen displaying the mobile application interface for programming the Radtel RT-900, showing various settings and channel details.

Noise Reduction

The RT-900 features advanced noise reduction to ensure clear communication even in noisy environments. This feature is automatically active to filter out background noise.

Aviation Band Reception

The RT-900 can receive communications from the aviation band (AM: 108-136MHz RX). To access this band, navigate to the appropriate frequency range using the radio's controls or programming software.

Frequency Coverage

The radio supports a broad frequency coverage:

- 136-174 MHz (VHF)
- 200-260 MHz

- 400-520 MHz (UHF)
- AM: 108-136MHz RX (Aviation Band)



Image: An infographic detailing the Radtel RT-900's frequency bands (VHF, UHF, Aviation RX) and key features like 2200mAh battery, 10W power, 256 channels, VOX, and Type-C fast charging.

Maintenance

- **Cleaning:** Use a soft, damp cloth to clean the radio's exterior. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** Store the radio in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** For optimal battery life, avoid fully discharging the battery frequently. Charge the battery regularly, even if the radio is not in use for extended periods.

Troubleshooting

Problem	Possible Cause	Solution
Radio does not power on	Low battery; Battery not properly installed	Charge the battery; Reinstall the battery correctly
Poor reception/transmission	Antenna loose or damaged; Out of range; Obstructions	Check antenna connection; Move closer to the other radio; Find a clear line of sight
Cannot program via Bluetooth app	Bluetooth not enabled on radio or phone; App not updated; Radio not in pairing mode	Ensure Bluetooth is on; Update app; Refer to app instructions for pairing mode

Specifications

Feature	Detail
Brand	radtel
Model Number	RT-900
Number of Channels	256
Special Feature	Noise Reduction
Frequency Range	136-174 MHz, 200-260 MHz, 400-520 MHz
Tuner Technology	VHF/UHF
Water Resistance Level	Not Water Resistant
Included Components	Radio, Antenna
Compatible Devices	Smartphone
Connectivity Protocol	Bluetooth
Color	Black
Manufacturer	Radtel
Date First Available	February 16, 2025

Warranty and Support

For warranty information and technical support, please refer to the official Radtel website or contact their customer service. Keep your purchase receipt as proof of purchase.
Return Policy: The product has a 30-day refund/replacement return policy from the date of purchase.
Manufacturer: Radtel
Seller: Radtel Direct

© 2025 Radtel. 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/B0DXD85YSY

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