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› BAOFENG 5RM Ham Radio User Manual

## BAOFENG 5RM

# BAOFENG 5RM Ham Radio User Manual

Model: 5RM

## INTRODUCTION

The BAOFENG 5RM Ham Radio is an advanced two-way radio designed for reliable communication across various frequency bands. This manual provides detailed instructions for setting up, operating, maintaining, and troubleshooting your device to ensure optimal performance.



Image: The BAOFENG 5RM Ham Radio shown with its included accessories, highlighting its compact design and comprehensive kit.

## WHAT'S IN THE BOX

Your BAOFENG 5RM package includes the following components:

- 2x BAOFENG 5RM Radios
- 2x 6.1" Antennas
- 2x 15.12" 771 Antennas
- 2x 2500mAh Batteries
- 2x Type-C Chargers with Cables
- 2x Earpieces with Microphones
- 2x Belts
- 2x Hand Straps
- 1x User Manual

## KEY FEATURES

The BAOFENG 5RM offers a range of features designed for enhanced communication and user convenience:

- **10W High Power Output:** Provides extended communication range.
- **Multi-Band Operation:** Covers VHF (2M), VHF2 (1.25M), UHF (70CM), FM, and NOAA weather receiver functions.
- **1.77-inch Color Screen:** Larger and clearer display for easy readability.
- **One-Key Frequency Copy:** Simplifies pairing and channel sharing.
- **USB-C Charging:** Convenient charging on the go with the 2500mAh battery.
- **999 Memory Channels:** Ample storage for your preferred frequencies.
- **NOAA Weather Function:** Stay informed with weather alerts.
- **Multiple Programming Ways:** Supports CHIRP, CPS software, and wireless programming via app.
- **Additional Functions:** Scrambling, password protection, stopwatch, DTMF, VOX, LED flashlight, squelch, battery save mode, repeater functions, CTCSS/DCS tones, scan, TOT, BCL, and alarm functions.

# Not Just Bigger More Features

1.77"

1.77-inch Screen



One Key  
Frequency Copy



Multi-Band  
(7-Band)



10 Watts



Aviation  
Frequency Band



Tri-Power  
L/M/H



Type C Charging



Channel 999



NOAA Weather



2500mAh  
Battery

Image: An overview of the BAOFENG 5RM's key features, including screen size, frequency copy, multi-band, 10W power, aviation band, tri-

power, Type-C charging, 999 channels, NOAA weather, and 2500mAh battery.

Your browser does not support the video tag.

Video: An official overview of the BAOFENG 5RM Ham Radio, showcasing its main features and capabilities.

## SETUP

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### 1. Battery Installation and Charging

1. Align the 2500mAh battery with the back of the radio, ensuring the contacts match.
2. Slide the battery upwards until it clicks securely into place.
3. To charge, connect the provided Type-C cable to the port on the battery or the radio itself.
4. Plug the other end of the cable into a compatible USB power source (e.g., wall adapter, car charger, power bank, computer).
5. A full charge typically takes about 3 hours via Type-C or 5-7 hours with a seat charger (if applicable).



Image: The 2500mAh battery for the BAOFENG 5RM, illustrating its Type-C charging capability and various charging methods.

### 2. Antenna Attachment

1. Gently screw the desired antenna (6.1" or 15.12" 771) onto the antenna connector at the top of the radio.
2. Ensure it is finger-tight to establish a secure connection.

## OPERATING INSTRUCTIONS

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### 1. Power On/Off

Rotate the power/volume knob clockwise to turn on the radio. Continue rotating to adjust the volume. Rotate counter-clockwise until it clicks to turn off.

### 2. Multi-Band Operation

The 5RM supports multiple frequency bands. Use the A/B button to switch between the upper (A) and lower (B) display frequencies. The radio can monitor both simultaneously.

# To touch the wider world

FM:65-108MHZ(RX)

AM:108-136MHZ(RX) **New**

VHF:136-174MHZ(RX&TX)

1.25M:220-260MHZ(RX&TX) **New**

UHF:400-480MHZ(RX/TX)

480-520MHZ(RX)

Police:350-390MHZ(RX) **New**



**Multi-Band:** This walkie talkie has a wide frequency range, meeting the needs of different environments and achieving the best reception effect

Image: The BAOFENG 5RM displaying various frequency bands it supports, including FM, AM, VHF, 1.25M, UHF, and Police bands.

### 3. Frequency Copy (One-Key Match)

This feature allows for quick pairing with other radios without manual frequency input or PC programming.

1. Hold down the '['-']' button to activate COPY mode.
2. Press '#' to choose the desired band for copying.
3. Press the 'Menu' button to save the channel details.
4. (NOTICE: Hold down '#' to enter normal SCAN mode.)

# Copy Frequency



Image: Visual representation of the one-key frequency copy function on the BAOFENG 5RM, showing how it simplifies channel matching.

## 4. Programming the Radio

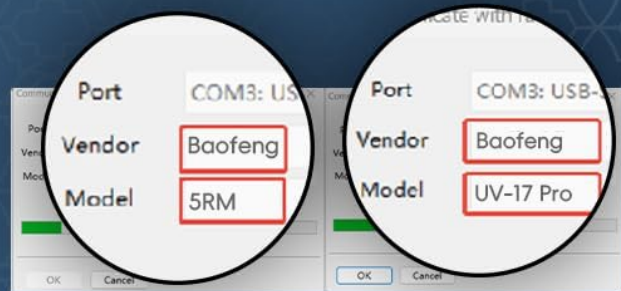
The BAOFENG 5RM can be programmed using several methods:

- **CHIRP Software:** Compatible with CHIRP (UV-17Pro setting). Ensure your CHIRP software is updated.
- **CPS Software:** Download from [walkietalkiesoftware.com](http://walkietalkiesoftware.com) (select 5RM/UV26).
- **Wireless Programmer (ODMaster App/Web):** Supports wireless programming via a dedicated app or web interface. Choose 5RM (AR-5RM) in the app.

# Multi Programming Way

## Supports CHIRP

Both the 5RM and UV-17 Pro models can program 5RM ham radio on CHIRP. Please keep CHIRP updated.



## Supports CPS

Download Here:  
<https://walkietalkiesoftware.com>  
->software->5RM Ham/UV26  
Account: BusHound@gmail.com  
PW: 123456



## Supports Wireless Programmer



ODmaster APP/Web



Image: Illustration of the various programming methods supported by the BAOFENG 5RM, including CHIRP, CPS software, and wireless programming via app.

## 5. NOAA Weather Function

The radio supports NOAA weather receiver function to provide timely weather alerts. Refer to the on-screen display for weather channel information.

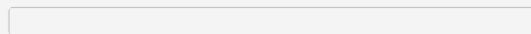


Image: The BAOFENG 5RM displaying the NOAA weather function, indicating its ability to receive weather alerts.

## MAINTENANCE

- Keep the radio clean by wiping it with a soft, damp cloth. Avoid harsh chemicals.
- Ensure the Type-C charging port is free of dust and debris.
- Store the radio in a cool, dry place when not in use.
- Avoid exposing the radio to extreme temperatures or direct sunlight for prolonged periods.

- Do not attempt to disassemble the radio; this will void the warranty.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Radio does not power on.	Low or dead battery; improperly installed battery.	Charge the battery fully. Ensure the battery is correctly installed.
Cannot transmit or receive.	Incorrect frequency/channel; antenna not connected; low power setting.	Verify frequency/channel settings. Ensure antenna is securely attached. Check power output setting (L/M/H).
Poor audio quality.	Weak signal; incorrect squelch level; damaged earpiece/mic.	Move closer to the other radio. Adjust squelch level. Test with a different earpiece or without it.
Programming issues with CHIRP.	Outdated CHIRP version; incorrect model selection.	Update CHIRP software. Select 'UV-17Pro' or '5RM(AR-5RM)' as the model.

## SPECIFICATIONS

- **Model:** 5RM
- **Brand:** BAOFENG
- **Item Weight:** 2.53 pounds
- **Package Dimensions:** 8.78 x 7.95 x 4.21 inches
- **Batteries:** 2 Lithium Polymer batteries required (included)
- **Number of Channels:** 999
- **Special Feature:** 10W power, USB C charging, 1.77inch colour screen
- **Frequency Range:**
  - TX: 136-174 & 200-260 & 400-480MHz
  - RX: FM 76-108 MHz; AM 108-136MHz; VHF 136-174MHz; 220-260MHz; UHF 350-390MHz, 400-520MHz
- **Talking Range Maximum:** 10 Kilometers
- **Tuner Technology:** VHF/1.25M/UHF
- **Water Resistance Level:** Water Resistant
- **Manufacturer:** BAOFENG
- **Color:** Black
- **First Available Date:** March 2, 2024

## WARRANTY AND SUPPORT

BAOFENG offers a 90-day quality guarantee for this product. If you encounter any issues or have questions, please contact the seller directly through your order details on Amazon.

To contact support:

1. Go to 'Orders' on your Amazon account.
2. Select your order for the BAOFENG 5RM.
3. Click 'Get help' or 'other'.
4. Send a message to the 'seller' with your question.

For programming software and additional resources, refer to the links provided in the 'Operating Instructions' section or visit the official BAOFENG website.

