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BAOFENG AR 152

BAOFENG AR-152 10W Ham Radio User Manual

Model: AR 152

Introduction

This manual provides comprehensive instructions for the safe and effective operation of your BAOFENG AR-152 10W Ham Radio. Please read this manual thoroughly before using the device to ensure proper functionality and to prevent damage.

Safety Information

This device complies with part 15 of the FCC Rules. Operation is subject to the condition that this device does not cause harmful interference. The FCC ID for this device is **2AJGM-AR152**.
Legal Disclaimer: This device is 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.

Package Contents

Verify that all items listed below are included in your package:

- 2 portable radios
- 4 batteries
- 2 adapters
- 2 standard antennas
- 2 18.89" Tactical Antennas
- 1 programming cable
- 2 lanyards
- 2 user manuals



Image: Contents of the BAOFENG AR-152 package, showing two radios, four batteries, two standard antennas, two tactical antennas, a programming cable, and two adapters.

Setup

1. Battery Installation

1. Align the battery pack with the grooves on the back of the radio.
2. Slide the battery pack upwards until it clicks securely into place.
3. To remove, press the release latch (if present) and slide the battery downwards.

2. Antenna Attachment

The AR-152 is compatible with SMA-female antennas. Gently screw the antenna clockwise onto the connector at the top of the radio until it is finger-tight. Do not overtighten.



Image: Detail of the radio's top, highlighting the SMA-female antenna port for secure attachment.

3. Charging the Battery

The AR-152 battery (12000mAh Li-ion) can be charged using three methods:

- **Wall Charger:** Use the provided wall adapter.
- **Car Charger:** (Optional, sold separately) Connect to your vehicle's 12V outlet.
- **USB Charger:** (Optional, sold separately) Connect to a USB power source.

The battery features a 2.5mm charging port for direct charging. Ensure the radio is off during charging.



Image: Illustration of the three available charging methods for the BAOFENG AR-152 radio.

Operating Instructions

1. Power On/Off

Rotate the top knob clockwise to power on the radio. Rotate counter-clockwise until it clicks to power off.

2. Channel Selection

The radio supports up to 128 channels. Use the keypad to directly input channel numbers or the up/down buttons to navigate through programmed channels.

3. Power Output Adjustment

The AR-152 offers High, Mid, and Low power output settings (up to 10W). This can typically be adjusted via the radio's menu or a dedicated button, depending on programming.



Image: The radio's display indicating the selectable power output levels: High, Mid, and Low.

4. Programming the Radio

To program channels and settings, use the included programming cable and compatible software (e.g., CHIRP). The programming cable connects to the side port of the radio. Ensure you have the correct drivers installed for your operating system (Mac and Windows systems are supported).



Image: The BAOFENG AR-152 radio connected to a computer with the programming cable, illustrating the programming process.

5. Using Tactical Antennas

The included 18.89" tactical antennas can enhance communication distance. Attach them as you would the standard antenna for improved range, especially in open areas.



Image: A BAOFENG AR-152 radio equipped with a tactical foldable antenna, demonstrating its use for extended communication range.

Maintenance

1. Battery Care

The 12000mAh Li-ion battery provides extended standby time. To maximize battery life, avoid fully discharging the battery frequently and store the radio in a cool, dry place when not in use for prolonged periods.



Image: Detailed view of the 12000mAh Li-ion battery, emphasizing its large capacity for long daily usage and standby time.

2. Cleaning

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

3. Environmental Considerations

The radio's shell is made of PC material, offering high strength and resistance to drops and dust. However, it is **not water resistant**. Avoid exposing the device to water or high humidity.

Troubleshooting

- **No Power:** Ensure the battery is fully charged and correctly installed. Check the power knob.
- **Cannot Transmit/Receive:** Verify the antenna is securely attached. Check channel frequency and power settings. Ensure you are within range of other radios.
- **Poor Audio Quality:** Check antenna connection. Ensure volume is adjusted correctly. Move to an area with less

interference.

- **Programming Issues:** Ensure the programming cable is correctly connected and drivers are installed. Use the recommended programming software.

Specifications



Image: Physical dimensions of the BAOFENG AR-152 radio, including its height with and without the standard antenna.

Brand	BAOFENG
Model Number	AR 152
Item Weight	5.06 pounds
Package Dimensions	11.3 x 8.23 x 5.08 inches
Number of Channels	128

Frequency Range	144-148 MHz, 430-450 MHz
Talking Range Maximum	5 Kilometers
Voltage	3.7 Volts
Special Features	Battery Saver Mode, Emergency Alarm, Keypad Lock, Long Range, Rechargeable
Water Resistance Level	Not Water Resistant
FCC ID	2AJGM-AR152

Support

For technical guidance and after-sales service, please refer to the contact information provided with your purchase or visit the official BAOFENG website. A programming cable is included to facilitate firmware updates and custom channel configurations.

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