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BAOFENG DM32

BAOFENG DM32 DMR Radio User Manual

Model: DM32

1. Introduction

Thank you for choosing the BAOFENG DM32 DMR Radio. This high-performance handheld radio is designed for reliable communication in various environments, featuring 10W high power output, dual-band coverage, advanced encryption, and GPS capabilities. This manual provides essential information for the proper setup, operation, and maintenance of your device.

2. Safety Information

Please read and understand all safety precautions before using the radio. Failure to do so may result in injury or damage to the device.

- Do not operate the radio in explosive atmospheres (e.g., flammable gases, dust particles, metallic powders).
- Do not disassemble or modify the radio. Repairs should only be performed by authorized personnel.
- Use only BAOFENG approved batteries and chargers.
- Avoid exposing the radio to extreme temperatures, direct sunlight, or excessive moisture.
- Keep the radio and accessories out of reach of children.
- Maintain a safe distance from medical devices such as pacemakers.

3. Package Contents

Verify that all items are present in your package:

- BAOFENG DM32 DMR Radio
- Antenna
- Battery
- Charger
- Gooseneck Antenna
- User Manual



Image: BAOFENG DM32 DMR Radio, standard antenna, gooseneck antenna, battery, USB-C charging base, power adapter, and radio holster.

4. Product Overview

Familiarize yourself with the components of your BAOFENG DM32 radio.



Image: Front, side, and top views of the BAOFENG DM32 radio, highlighting the display, keypad, control knobs, and ports.

4.1 Key Features

- **10W High Power Output:** Ensures stable communication over long distances.
- **Dual-Band (VHF/UHF):** Supports 144-148MHz/430-440MHz TX frequencies.
- **DMR AES256 Encryption:** Provides secure communication for sensitive data.
- **GPS/BeiDou APRS:** Auto-reporting for real-time location sharing.
- **Dual-Channel Monitoring:** Simultaneously monitors VHF and UHF frequencies.
- **Smart SMS Function:** Supports 128-character SMS for cross-brand communication.
- **Type-C Fast Charging:** Convenient charging via USB-C port.
- **Analog/DMR Hybrid Mode:** Seamlessly switches between analog and digital modes.

5. Setup

5.1 Battery and Antenna Installation

1. Align the battery with the grooves on the back of the radio and slide it into place until it clicks.
2. Screw the antenna clockwise onto the antenna connector on top of the radio until it is secure.

5.2 Charging the Battery

Before first use, fully charge the battery. The DM32 supports convenient USB-C charging.

1. Connect the USB-C cable to the radio's charging port or the charging base.
2. Connect the other end of the USB-C cable to a power source (e.g., wall adapter, computer, power bank, car charger).
3. The charging indicator will show the charging status. Once fully charged, disconnect the radio.



Image: The BAOFENG DM32 radio being charged via USB-C from various sources including a computer, wall plug, power bank, and car charger.

6. Operating Instructions

6.1 Power On/Off and Volume Control

- To power on, rotate the power/volume knob clockwise until you hear a click.
- To power off, rotate the power/volume knob counter-clockwise until you hear a click.
- Adjust the volume by rotating the same knob.



Image: Illustration highlighting the loud and clear audio output of the BAOFENG DM32 radio's speaker.

6.2 Mode Selection (Analog/DMR Hybrid)

The DM32 supports both analog and digital (DMR) communication modes.



Image: The BAOFENG DM32 radio screen showing the option to select between Analog and Digital channel types.

Navigate through the menu to select the desired mode based on your communication needs. This allows for cross-platform compatibility with various radio systems.

6.3 Channel/Frequency Mode

The radio supports both channel mode (pre-programmed channels) and frequency mode (direct frequency input).



Image: The BAOFENG DM32 radio displaying the channel type selection menu, allowing users to choose between Analog and Digital modes.

Refer to the on-screen menu for switching between these modes and managing your communication settings.

6.4 Transmission Power Adjustment

The DM32 offers 10W, 5W, and 1W power output options to conserve battery or extend range as needed.



Image: The BAOFENG DM32 radio screen showing options to select High Power (10W), Low Power (5W), or Middle Power (1W) for transmission.

Access the TX Power setting in the menu to adjust the transmission power based on your operational requirements.

6.5 Dual Frequency (U/V) Operation

The radio supports dual display and dual standby, allowing you to monitor two different frequencies simultaneously.



Image: The BAOFENG DM32 radio displaying its dual-frequency capabilities, including AM (Aviation frequency band reception) and FM radio.

This feature is ideal for users needing to monitor different bands or channels concurrently.

6.6 GPS/BeiDou APRS Auto Positioning

The integrated GPS/BeiDou APRS functionality allows for automatic reporting of your real-time coordinates, useful for outdoor activities and emergency situations.

6.7 Smart SMS Function

Utilize the 128-character SMS feature for text-based communication, which supports cross-brand interoperability.

7. Maintenance

Proper maintenance ensures the longevity and optimal performance of your radio.

- **Cleaning:** Use a soft, damp cloth to clean the radio's surface. Do not use harsh chemicals or abrasive cleaners.

- **Battery Care:** Store the battery in a cool, dry place when not in use. Avoid fully discharging the battery for extended periods.
- **Antenna:** Ensure the antenna is securely attached. Do not bend or force the antenna.
- **Storage:** If storing the radio for a long period, remove the battery.

8. Troubleshooting

If you encounter issues with your BAOFENG DM32 radio, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Radio does not power on	Battery is low or not installed correctly.	Charge the battery. Reinstall the battery securely.
Cannot transmit or receive	Incorrect frequency/channel. Antenna not connected.	Verify frequency/channel settings. Ensure antenna is securely attached.
Poor audio quality	Low signal strength. Volume too low.	Move closer to the other radio. Adjust volume. Check antenna connection.
GPS not acquiring signal	Obstructed view of sky. GPS function disabled.	Move to an open area. Ensure GPS is enabled in settings.

If the problem persists, contact BAOFENG customer support.

9. Specifications

Feature	Detail
Brand	BAOFENG
Model	DM32
Color	1Pack Black+Gooseneck Antenna+Radio Holster
Number of Channels	4000
Special Features	10W High Power, Analog/DMR Hybrid Mode, Dual Band, Smart SMS Function, USB-C Fast Charging
Talking Range Maximum	10 Kilometer
Tuner Technology	UHF/VHF
Water Resistance Level	Not Water Resistant
UPC	755745261215
Dimensions (Height x Width x Depth)	6.26" x 2.28" x 1.5"
Weight	13.58 oz



Image: Diagram showing the height (6.26"), width (2.28"), depth (1.5"), and weight (13.58oz) of the BAOFENG DM32 radio.

10. Warranty and Support

The BAOFENG DM32 DMR Radio comes with a**1-year warranty** from the date of purchase.
For technical support, warranty claims, or further assistance, please contact BAOFENG customer service through their official website or the retailer where you purchased the product.

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

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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.

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