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Model: GM-15PRO

1. INTRODUCTION

The BAOFENG GM-15 Pro is a high-performance GMRS (General Mobile Radio Service) handheld two-way radio designed for reliable long-range communication. This device features NOAA weather reception, GMRS repeater capability, and convenient USB-C charging. It is an ideal tool for outdoor enthusiasts, emergency preparedness, and group communication.

2. WHAT'S IN THE BOX

- BAOFENG GM-15 Pro Two-Way Radio
- 1500mAh Rechargeable Battery
- US Charger (AC Adapter)
- USB-C Charger Cable
- AR-771 GMRS Antenna (High Gain)
- Belt Clip
- Hand Strap
- Earpiece
- User Manual

3. PRODUCT OVERVIEW

The BAOFENG GM-15 Pro features a robust design with an LCD display and intuitive keypad for easy operation. Key components include a power/volume switch, PTT (Push-to-Talk) key, and dedicated function buttons.



Figure 1: BAOFENG GM-15 Pro Parts Diagram. This image shows the front, side, and back views of the radio with labels for the antenna, power/volume switch, FM/SOS key, PTT key, Lamp/Monitor key, speaker, microphone, LCD display, and keypad. Dimensions are also indicated.

The radio's display can show both channel name and frequency simultaneously for clear identification during use.



Figure 2: Display Sync Feature. The radio's LCD screen clearly displays both the channel name (e.g., CH-1) and the operating frequency (e.g., 462.67500).

4. SETUP

1. **Battery Installation:** Align the 1500mAh battery with the back of the radio and slide it into place until it clicks securely.
2. **Antenna Attachment:** Screw the AR-771 GMRS antenna clockwise onto the antenna connector at the top of the radio until it is finger-tight. Ensure a secure connection for optimal performance.
3. **Initial Charging:** Before first use, fully charge the battery. Connect the USB-C charging cable to the battery's USB-C port or place the radio in the charging dock.
4. **Belt Clip Installation:** The belt clip can be attached to the back of the radio using the provided screws.

5. BASIC OPERATION

- **Power On/Off:** Rotate the power/volume knob clockwise to turn the radio on. Rotate counter-clockwise to turn

it off.

- **Volume Adjustment:** Rotate the power/volume knob to adjust the audio level.
- **Channel Selection:** Use the UP/DOWN arrow keys on the keypad to navigate through available GMRS channels.
- **Transmitting:** Press and hold the PTT (Push-to-Talk) button on the side of the radio to transmit. Release the button to listen.
- **Display Mode (VFO/MR):** Press the VFO/MR button to switch between Frequency Mode (VFO) and Channel Mode (MR).

6. ADVANCED FEATURES

6.1 NOAA Weather Alerts

The GM-15 Pro is equipped to receive NOAA Weather Alerts, providing timely emergency warnings to help you prepare in advance for severe weather conditions.



Figure 3: NOAA Weather Alerts. The radio can receive emergency weather warnings, indicated by various weather icons on the

display.

6.2 GMRS Repeater Capability

The radio supports GMRS repeater channels, allowing for extended communication range. It features 24 customizable repeater channels where you can program different CTCSS/DCS tones.

GMRS Repeater Channels						
Enable to program the same frequency but different CTCSS/DCS						
Channel						
CHL	RX Freq	TX Freq	Name	Rx QT/DQT	Tx QT/DQT	W/N
22	462.72500	462.72500	CH-22	None	None	Wide
23	462.55000	467.55000	RPT-1	None	None	Wide
24	462.57500	467.57500	RPT-2	None	None	Wide
25	462.60000	467.60000	RPT-3	None	None	Wide
26	462.62500	467.62500	RPT-4	None	None	Wide
27	462.65000	467.65000	RPT-5	None	None	Wide
28	462.67500	467.67500	RPT-6	None	None	Wide
29	462.70000	467.70000	RPT-7	None	None	Wide
30	462.72500	467.72500	RPT-8	None	None	Wide
31	462.55000	467.55000	DIY-1	None	None	Wide
32	462.57500	467.57500	DIY-2	None	None	Wide
33	462.60000	467.60000	DIY-3	None	None	Wide
34	462.62500	467.62500	DIY-4	None	None	Wide
35	462.65000	467.65000	DIY-5	None	None	Wide
36	462.67500	467.67500	DIY-6	None	None	Wide
37	462.70000	467.70000	DIY-7	None	None	Wide
38	462.72500	467.72500	DIY-8	None	None	Wide

Figure 4: Customizable Repeater Channels. The radio allows programming of repeater channels with specific receive and transmit frequencies, names, and CTCSS/DCS codes.

6.3 Scanning Function

The GM-15 Pro includes a scanning feature to monitor frequencies. This allows you to find active channels within the supported UHF/VHF/GMRS bands.



Figure 5: Scanning Feature. The radio can scan frequencies to detect active transmissions.

6.4 Flashlight

A built-in flashlight is located at the top of the radio for convenience in low-light conditions.



Figure 6: Built-in Flashlight. The radio features a flashlight at the top for illumination.

6.5 Programming

The BAOFENG GM-15 Pro can be programmed via its keypad or through software. For advanced programming and customization of channels, software-based programming is recommended. The radio supports programming via a USB cable connected to a computer.

Note: Some users have reported that this model may not be compatible with 'Chirp' software. Please refer to the official BAOFENG programming tools or 'Odmaster' app for best results.

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Video 1: BAOFENG GM-15 PRO GMR Radio Long Range Walkie Talkie. This video provides a brief overview of the radio's features and capabilities, including its long-range communication.

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Video 2: How to program the GM-15PRO GMRS Radio. This video demonstrates the steps involved in programming the GM-15 Pro radio.

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Video 3: BAOFENG GM-15 PRO GMR Radio Rechargeable Two Way Radios. This video highlights the rechargeable features and general use of the GM-15 Pro radio.

7. CHARGING

The GM-15 Pro offers versatile charging options:

- **USB-C Direct Charging:** The 1500mAh battery features a built-in USB-C port, allowing direct charging using the provided USB-C cable from various power sources like a car charger, PC, power bank, or wall socket.
- **Charging Dock:** The radio can also be charged by placing it in the included desktop charging dock, which connects to the US AC adapter.

TYPE-C FAST CHARGING

Save time and space



Car



PC



Power Bank



Socket



Figure 7: USB-C Fast Charging. The image illustrates the flexibility of charging the radio directly via USB-C from a car, PC, power bank, or wall outlet.

8. ANTENNAS

The BAOFENG GM-15 Pro comes with an AR-771 GMRS High Gain Antenna. This antenna is designed to increase communication distance and improve signal clarity. The antenna is flexible and can be bent freely.

AR-771 GMRS High Gain Antenna

A bend freely AR-771 soft antenna

To increase **30%** the communication distance,
make your conversation smoother



Figure 8: AR-771 GMRS High Gain Antenna. This image shows the radio with its flexible high-gain antenna, designed to enhance communication range.

9. SPECIFICATIONS

Feature	Detail
Model Number	GM-15PRO
Item Weight	1.06 pounds
Product Dimensions	1.4 x 5.59 x 10.6 inches
Display Type	LCD
Radio Bands Supported	UHF, VHF, GMRS
Power Source	Battery Powered

Feature	Detail
Voltage	7.4 Volts
Special Feature	Long Range, NOAA Weather Receiver & Scan, GMRS Repeater Capable, USB-C Charging
Manufacturer	BAOFENG

10. MAINTENANCE

- **Cleaning:** Use a soft, damp cloth to clean the radio's exterior. Avoid harsh chemicals or abrasive cleaners.
- **Battery Care:** Store the battery in a cool, dry place. Avoid extreme temperatures. Do not short-circuit the battery terminals.
- **Antenna Care:** Ensure the antenna is securely attached. Avoid bending or stressing the antenna excessively.
- **Storage:** When not in use for extended periods, remove the battery and store the radio in a dry, dust-free environment.

11. TROUBLESHOOTING

- **No Power:** Ensure the battery is fully charged and correctly installed. Check the power/volume knob is turned on.
- **Poor Reception/Transmission:** Verify the antenna is securely attached. Ensure you are within range of other radios or repeaters. Check for obstructions in the line of sight.
- **No Audio:** Adjust the volume knob. Check the earpiece connection if in use.
- **Programming Issues:** Refer to the programming section of this manual or consult official BAOFENG programming resources.

12. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please contact BAOFENG customer service directly or visit their official website. Keep your purchase receipt as proof of purchase for warranty claims.

FCC Licensing: Operation of GMRS radios requires an FCC license. Please ensure you obtain the necessary license before operating this device to comply with federal regulations.

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

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