Radioddity GM-30

Radioddity GM-30 GMRS Handheld Radio Instruction Manual

Model: GM-30 | Brand: Radioddity

1. INTRODUCTION

The Radioddity GM-30 is a General Mobile Radio Service (GMRS) handheld radio designed for reliable two-way communication. It features a robust set of functionalities including multiple channels, scanning capabilities, and NOAA weather alerts, making it suitable for various outdoor and professional applications. This manual provides essential information for the proper setup, operation, and maintenance of your GM-30 radio.

2. SETUP

2.1 Package Contents

The Radioddity GM-30 package includes the following components:

- 1 x GM-30 radio unit
- 1 x 1500mAh battery
- 1 x 2200mAh battery
- 1 x Speaker microphone
- 1 x Programming cable
- 1 x Original antenna
- 1 x Earpiece
- 1 x Belt clip
- 1 x Wrist strap
- 1 x USB-C power cable with adapter

Image: The Radioddity GM-30 GMRS Handheld Radio shown with all included accessories, including the radio unit, two batteries, speaker mic, programming cable, antenna, earpiece, belt clip, wrist strap, and USB-C charging components.

2.2 Battery Installation and Charging

To install the battery, align the battery pack with the back of the radio and slide it into place until it clicks securely. The GM-30 supports USB Type-C charging directly on the battery pack or via the radio unit. Use the provided UL-certified adapter and USB-C cable for safe charging.

Dual Batteries, Power Your Day

*1500mAh + 2200mAh batteries

Radioddity Li-ion Battery
Model:BL-13UV
7.4V 1500mAh 11.1Wh
⚠WARNING:
•Do not disassemble.
•Do not dispose of in fire.
•Do not change or charge battery in hazardous location.
•Do not short-circuit the terminals.
FC CE 🗑 ♻
⚠CAUTION:USE SPECIFIED CHARGER TO CHARGE BATTERY PACK.RECYCLE THE REOLACED BATTERY PACK
Sain3 LLC
36 Berkley Drive, Newark DE 19702, United States

Radioddity Li-ion Battery
Model:BL-13UV
7.4V 2200mAh 11.1Wh
⚠WARNING:
•Do not disassemble.
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Laptop   Wall Charger   Power Bank   Car Charger

Image: Two lithium-ion batteries (1500mAh and 2200mAh) provided with the Radioddity GM-30 radio.

Image: The Radioddity GM-30 radio unit connected via its USB Type-C charging port.

2.3 Antenna and Accessories Attachment

Screw the antenna clockwise onto the connector at the top of the radio until it is finger-tight. Attach the belt clip to the rear of the radio using the provided screws. The speaker microphone and earpiece connect to the side port of the radio.
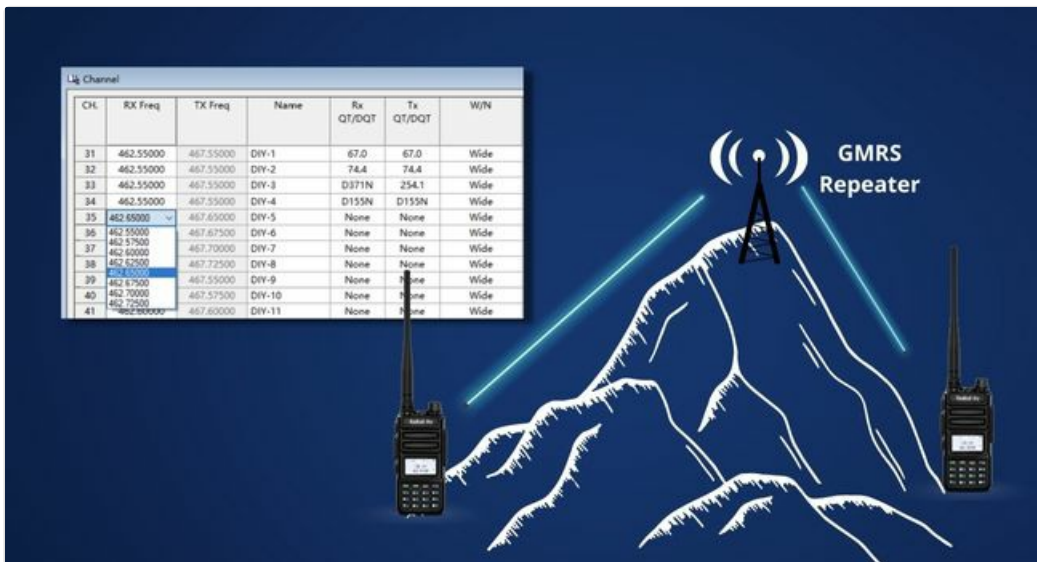

Image: A Radioddity GM-30 radio with a speaker microphone connected, highlighting its K-plug compatibility.

3. Basic Operation

3.1 Power On/Off and Volume

Rotate the top knob clockwise to power on the radio. Continue rotating to adjust the volume. Rotate counter-clockwise until a click is heard to power off the radio.

3.2 Channel Selection

The GM-30 features 30 default channels (22 GMRS, 8 repeaters) and 24 additional GMRS repeater channels. Use the up/down arrow keys on the keypad to navigate through channels in channel mode. The display sync feature shows channel name, number, and frequency.

Image: The Radioddity GM-30 radio display showing synchronized information including channel name, channel number, and frequency.

3.3 Transmitting and Receiving

To transmit, press and hold the Push-To-Talk (PTT) button on the side of the radio. Speak clearly into the microphone. Release the PTT button to receive. Ensure you are on the same channel as the person you wish to communicate with.

Video: This video demonstrates the range capabilities of the Radioddity GM-30 GMRS radio in comparison to another radio model,

4. ADVANCED FEATURES

4.1 Dual-Band Scanning & NOAA Weather

The GM-30 supports UHF & VHF monitoring in channel (CH) and VFO modes. It also includes a NOAA weather receiver and scanner for real-time weather alerts. Activate scanning via the menu or designated function buttons.

Image: The Radioddity GM-30 radio display showing the NOAA weather channel, indicating its weather alert capabilities.

4.2 FM Radio and Flashlight

The radio includes an FM radio function for entertainment. A built-in flashlight is available for illumination in low-light conditions or for signaling purposes. The flashlight can be activated via a dedicated button on the radio.

4.3 VOX, Squelch, and TOT

The GM-30 supports Voice Operated Exchange (VOX) for hands-free transmission, Squelch to suppress background noise, and Time-Out Timer (TOT) to prevent accidental continuous transmission.

5. PROGRAMMING

The Radioddity GM-30 can be programmed via PC using Chirp-compatible software or directly through the keypad. The programming cable is included for PC connectivity.

Image: The Radioddity GM-30 radio connected to a laptop, illustrating its PC programming capability with Chirp software.

24 CUSTOMIZABLE
GMRS REPEATER CHANNELS

Enable to program the same frequency but different CTCSS/DCS

CH.	RX Freq	TX Freq	Name	Rx QT/DQT	Tx QT/DQT	W/N
31	462.55000	467.55000	DIY-1	67.0	67.0	Wide
32	462.55000	467.55000	DIY-2	74.4	74.4	Wide
33	462.55000	467.55000	DIY-3	D371N	254.1	Wide
34	462.55000	467.55000	DIY-4	D155N	D155N	Wide
35	462.65000	467.65000	DIY-5	None	None	Wide
36	462.55000	467.67500	DIY-6	None	None	Wide
37	462.57500 / 462.60000	467.70000	DIY-7	None	None	Wide
38	462.62500	467.72500	DIY-8	None	None	Wide
39	462.65000 / 462.67500	467.55000	DIY-9	None	None	Wide
40	462.70000	467.57500	DIY-10	None	None	Wide
41	462.72500 / 462.60000	467.60000	DIY-11	None	None	Wide

GMRS Repeater

Image: A screenshot of the programming software interface, showing options for customizing GMRS repeater channels with different CTCSS/DCS codes.

Video: This video provides instructions on how to set up DIY repeater channels for the Radioddity GM-30 GMRS radio using CPS software, demonstrating advanced programming capabilities.

6. MAINTENANCE

6.1 Battery Care

Always use the UL-certified charger and USB-C cable provided to ensure safe and reliable charging. Avoid overcharging and exposing batteries to extreme temperatures. Store batteries in a cool, dry place when not in use.

6.2 Cleaning

Clean the radio's exterior with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners. Ensure all ports are closed when cleaning to prevent moisture ingress.

7. TROUBLESHOOTING

If you encounter issues with your Radioddity GM-30, refer to the following common troubleshooting steps:

- **No Power:** Ensure the battery is fully charged and correctly installed. Check the power knob.
- **No Reception/Transmission:** Verify that you are on the correct channel and frequency. Check antenna connection. Ensure the squelch level is not set too high.
- **Poor Audio Quality:** Check volume levels. Ensure the microphone is not obstructed.
- **Charging Issues:** Verify the USB-C cable and adapter are securely connected. Ensure the power source is active.

For further assistance, contact Radioddity customer support.

8. SPECIFICATIONS

Feature	Detail
Item Weight	1.76 pounds
Package Dimensions	7.95 x 4.72 x 4.29 inches
Item Model Number	GM 30
Batteries	2 Lithium Ion batteries required (included)
Display Type	LCD
Frequency Range	TX: 462.5625-467.7125MHz, RX: 65-108MHz, 136-174MHz, 400-470MHz
Talking Range Maximum	5 Miles
Number of Channels	250
Voltage	7.2 Volts
Water Resistance Level	Water Resistant

9. WARRANTY AND SUPPORT

9.1 Warranty Information

The Radioddity GM-30 GMRS Handheld Radio comes with an 18-month warranty from the date of purchase. This warranty covers manufacturing defects and ensures the product meets its specified

performance standards. Please retain your proof of purchase for warranty claims.

9.2 Customer Support

For technical support, troubleshooting, or warranty inquiries, please visit the official Radioddity website or contact their customer service team. Additional tutorials and resources may be available online to assist with common questions and advanced programming.

Related Documents - GM-30

	How to Connect Radioddity GM-30 Pro with the App A guide on connecting the Radioddity GM-30 Pro walkie-talkie to its companion mobile application via Bluetooth for programming and settings customization.
Radioddity **GM-30 PRO** **User Manual**	**Radioddity GM-30 PRO User Manual: Features, Operation, and Safety** Comprehensive user manual for the Radioddity GM-30 PRO handheld transceiver, detailing its features, operation, battery management, safety guidelines, and technical specifications for optimal use.
GM-30 PRO **User Manual**	**GM-30 PRO User Manual - Radioddity** Comprehensive user manual for the Radioddity GM-30 PRO dual-band handheld transceiver, covering setup, operation, features, and safety guidelines.
GM-30 PRO **User Manual**	**GM-30 PRO User Manual - Radio Operation and Safety** Comprehensive user manual for the GM-30 PRO two-way radio, covering setup, operation, battery care, and safety guidelines. Learn about features like dual-band scanning, NOAA weather alerts, and PC programmability.
Radioddity X1 **FRS USER MANUAL** 	**Radioddity X1 FRS User Manual - Features, Operation, and Settings** Comprehensive user manual for the Radioddity X1 FRS radio, covering appearance, display functions, general operation, menu settings, hidden features, and technical tables for frequencies and codes.
	Radioddity RD-5R DMR Two Way Radio User Manual Comprehensive user manual for the Radioddity RD-5R DMR Two Way Radio, covering features, operation, menu navigation, programmable keys, call functions, SMS, scanning, and CPS software usage.