

RA85

RA85 black handheld GMRS Two Way Radio

Features:

- Frequency Range: GMRS
- Dual Band, Dual Display, Dual Standby
- High Power, middle power, low power switching to meet the different talking distance, save power
- Up to 60 memory channels for programming frequency and other various data
- Multiple display modes such as channel number, frequency, channel frequency, channel name, etc.
- CTCSS/DCS, DTMF signaling reject unnecessary calls from other stations
- The tail tone is eliminated to avoid the noise from the speaker after the call is over
- VOX sound activated, no need to press the PTT button to talk
- Emergency alarm, ANI identification and other functions through DTMF
- DTMF, CTCSS (60.0 -259.9 HZ), DCS signaling codec function
- 8-step frequency selection (2.5K, 5.0K, 6.25K, 10.0K, 12.5K, 20.0K, 25.0K, 50.0K)
- Automatic power saving function to extend battery life
- SOS emergency alert function
- Digital FM radio (receiving 65-108MHz)
- Menu item keyboard number direct selection function, receive frequency can be manually input

Description

- Frequency measurement function, View the frequency of other devices at any time
- 1.6-inch screen,Flashlight lighting function,FM, NOAA
- USB charging function, you can use the USB charging cable to directly charge the two way radio.



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General

Frequency range	GMRS
Memory channels	60
Frequency step	12.5kHz
Input voltage	7.4 VDC
Battery(standard configuration)	1800mAH(Li-Ion)
Battery life	About 14 Hours
(5-5-90,high power transmission)	
Power Consumption in standby	≤65mA
Consumption in reception	≤450 mA
Consumption in transmission	≤1.8 A @high power, 850 mA @ low power
Frequency stability	±2.5ppm
Operating temperature	-20°C to +60°C
Antenna impedance	50Ω
Dimensions (With battery, but without antenna)	121×61×33mm
Weight (Including antenna and battery)	223g

Transmitter

Transmit output power	5W/0.5W
Modulation	11K0F3E@12.5KHz
Spurious emission	-36dBm<1GHz, -30dBm>1GHz
FM signal-to-noise ratio	40dB @12.5KHz
Audio distortion	≤5%
Modulation limit	±2.5 KHz@12.5 KHz
Adjacent channel power	60dB @ 12.5KHz
Audio response (300-3000Hz)	+1~3dB

Receiver

Receiving sensitivity	0.25μV (12dB SINAD)
Adjacent channel selectivity	≥55dB@12.5KHz
Intermodulation immunity	≥55dB@12.5KHz
Conducted spurious emissions	≤-57dB @12.5KHz
FM signal-to-noise ratio	≥40dB @12.5KHz
Audio output power	1W @16ohms
Audio distortion	≤5%
Audio response (300-3000Hz)	+1 ~ -3dB

Package includes:

- 1 x RA85 Two Way Radio
- 1 x Battery
- 1 x Manual
- 1 x USB charger



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