



BTECH GMRS-50V2

50W MOBILE GMRS TWO-WAY RADIO

UPGRADED GMRS POWER

It may look like the GMRS-50X1, but the GMRS-50V2 is packed full of updates that give it that high-end motor that you need from a mobile radio.

The BTECH GMRS-50V2 is the best GMRS base station radio available. The GMRS-50V2 is a 50 Watt GMRS mobile radio compatible with all brands of FRS and GMRS radios, as well as GMRS repeaters. It comes preloaded with 30 modifiable GMRS channels, and has 256 fully customizable channels.

Quad Watch functionality allows the user to monitor four channels simultaneously, so the GMRS-50V2 operates as multiple radios in one. With a channel selected as the primary channel, simultaneously watch up to 3 other frequencies or channels. You can simplify the radio to only watch one or two channels as well.



FEATURES AND FUNCTIONS

- 256 Fully Customizable Channels
- Built-in FM/VHF/UHF/NOAA Receivers
- Quad Watch
- VOX Hands-free
- RJ-45 and K1 Accessory Support
- Quick-add channels
- NOAA Weather Channels



TECHNICAL SPECIFICATIONS

GENERAL

Frequency Range	65-108 MHz(Rx) 136-174 MHz (V) 400-520 MHz (U) GMRS Channels (Rx/Tx) 001-007, 015-030 GMRS Channels (Rx Only) 008-014
Memory Channels	256 Channels
Frequency Step	25K/5.0K/6.25K/10.0K/12.5K/25.0K
Squelch Setup	CARRIER/CTS/DCS/5Tone/2TONE/DTMF
Antenna Impedance	50 Ohm
Operating Voltage	13.8V DC \pm 15% / 20A Peak GMRS-50V2
Frequency Stability	\pm 2.5ppm
Operating Temp.	-20°C to +60°C / -5°F to +140°F

DIMENSIONS

Dimensions	5.7 (W) x 1.85(H) x 7.5 (D) in
Weight	2.2 lb

TRANSMITTER

	WIDE BAND	NARROW BAND
Power Output	50W/20W/5W - GMRS-50V2	
Modulation	16K Φ F3E	11K Φ F3E
Channel Power	\geq 70dB	\geq 60dB
Signal to Noise Ratio	\geq 40dB	\geq 36dB
Parasitic Harmonic	\geq 60dB	\geq 60dB
Audio Response	+1 to -3dB(.3-3KHz)	+1 to -3dB(.3-2.55KHz)
Audio Distortion	\leq 5%	

RECEIVER

	WIDE BAND	NARROW BAND
Sensitivity	\leq 0.25 μ V	\leq 0.35 μ V
Channel Choice	\geq 70dB	\geq 60dB
Intermodulation	\leq 65dB	\leq 60dB
Spurious Rejection	\geq 70dB	\geq 70dB
Audio Response	+1 to -3dB(.3-3KHz)	+1 to -3dB(.3-2.55KHz)
Hum & Noise	\geq 45dB	\geq 40dB
Audio Distortion	\leq 5%	
Audio Power Output	\geq 2W@10%	

COMPATIBLE ACCESSORIES



PC04 Programming Cable



Nagoya UT-72G



Nagoya NMO-200C



Mobile and Amp DC Power Cable



Mobile Speaker Mic



Nagoya GPK-01



RPS-30M AC-DC Power Converter



RPS-30PRO AC-DC Power Converter



Nagoya RB-100N



Nagoya RB-50



RB-700N