

UPGRADED GMRS POWER

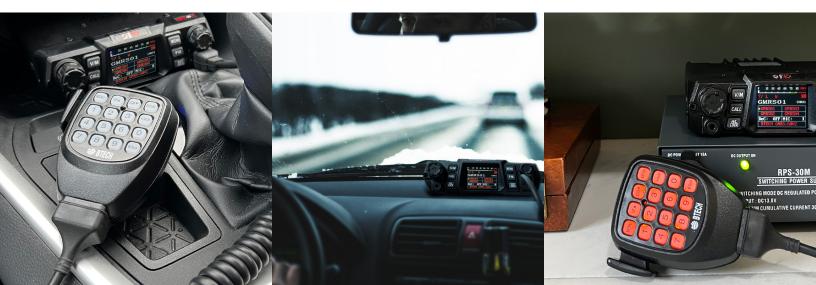
It may look like the GMRS-50X1, but the GMRS-50V2 is packed full of updates that give it that high-end motor that you need from a mobile radio.

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.



- 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 ±15% / 20A Peak GMRS-50V2			
Frequency Stability	±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	16KΦF3E	11K 0 F3E		
Channel Power	≥70dB	≥60dB		
Signal to Noise Ratio	≥40dB	≥36dB		
Parasitic Harmonic	≥60dB	≥60dB		
Audio Response	+1 to -3dB(.3-3KHz)	+1 to -3dB(.3-2.55KHz)		
Audio Distortion	≤5%			

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

