



# BTECH GMRS-PRO

NEXT GENERATION POWER  
IN A GMRS TWO WAY RADIO



## FEATURE PACKED TWO WAY RADIO

The GMRS-PRO is a premium GMRS radio, designed for those that need to get the most from their GMRS radio. The GMRS-PRO is backward compatible with all other GMRS and FRS radios.

If two or more users have a GMRS-PRO radio, several new options beyond just push-to-talk can be used. GMRS-PRO users can communicate with text messages, send GPS locations, request GPS locations, use SOS alerts, and more.

The GMRS-PRO is feature packed with bluetooth, GPS, on-board compass and more. It also includes a NOAA receiver and FM radio. The radio has the ability to easily scan and check for activity. The GMRS-PRO offers a fully IP67 water proof design for full protection from any elements.

### FEATURES AND FUNCTIONS

- Bluetooth App Programmable
- Six Channel Banks
- Text and Location Sharing
- Onboard Compass
- Offline Maps and Location History
- Firmware Upgradeable
- GPS and Bluetooth
- IP67 Waterproof



## TECHNICAL SPECIFICATIONS

### GENERAL

Frequency Range	87-108MHz (FM Radio Only) 136-174MHz (RX Only) 400-520MHz (RX ONLY) GMRS Chnannel (RX/TX) Memory Channel:30
Channels	6 Groups / 30 Channels (180 total)
Antenna Impedance	50 ohm
Operating Voltage	7.4V
Frequency Stability	±2.5ppm
Operating Temp.	-20°C ~ +60°C

### DIMENSIONS

Dimensions	58 (W) X 125 (H) X 35 (D)mm
Weight	Radio Body 150g / Battery 120g

### TRANSMITTER

	WIDE BAND	NARROW BAND
Power Output	5W	
Modulation	16K0F3E	11K0F3E
Adjacent Channel Power	≥70dB	≥60dB
FM Noise	≥45dB	≥43dB
Spurious and Harmonic	≥60dB	≥60dB
Audio Response	±1~-3db(0.3~3khz)	±1~-3db(0.3~2.55khz)
Modulation Distortion	≤3%	

### RECEIVER

	WIDE BAND	NARROW BAND
Sensitivity (12dB SINAD)	≤0.20μV	≤0.22μV
Intermodulation	≥65dB	≥60dB
Adjacent Channel Selectivity	≥70dB	≥65dB
False Signal Response	≤70dB	≤70dB
Audio Response	±1~-3db(0.3~3khz)	±1~-3db(0.32.55khz)
Signal to Noise Ratio	≥45dB	≥40dB
Modulation Distortion	≤3%	
Audio Power Output	≤2W	

## COMPATIBLE ACCESSORIES



**GMRS-PRO K1 Adaptor Cable**



**BP-26 2600mAh Battery**



**GMRS-PRO Belt Clip**