



# BTECH GMRS-V2

## THE MOST POWERFUL GMRS TWO WAY RADIO



### GMRS POWER AND VERSATILITY

The GMRS-V2 has received a major chipset revision from our previous groundbreaking GMRS-V1. The GMRS-V2 has 200 completely programmable channels that you can arrange, modify, and use as: GMRS, NOAA, or Scanner channels. You can quickly add or remove multiple GMRS channels to any location, using our quick and easy on-board menus. The GMRS-V2 includes a BL-8 USB-C charging battery.

The GMRS-V2 has the maximum allowed power output of 5W. The GMRS-V2 uses a standard SMA female antenna, allowing for use with vehicle antennas such as the Nagoya UT-72G for GMRS use.

The GMRS-V2 has one built-in receiver that can simultaneously monitor two channels (semi duplex). The radio chassis has two push-to-talk buttons, the upper PTT transmits on the upper displayed channel; while the lower PTT transmits on the lower displayed channel.

#### FEATURES AND FUNCTIONS

- GMRS Transceiver & UHF/VHF Scanner
- High-Capacity Lithium-Ion battery
- High power (5W), Low Power (0.5W)
- Dual watch and Dual PTT
- Built in CTCSS/DCS tones
- PC programmable
- LED Flashlight
- VOX
- IP54 Weatherproof resistant casing
- SYNC Display: Display both channel name and frequency simultaneously
- BL-8 USB-C Charging Battery



GENERAL SPECIFICATIONS				
FREQUENCY				
	FCC Part 15B (RX Only)			FCC Part 95E (TX/RX)
Range (MHz)	88-108 FM	136-174 VHF	400-520 UHF	462/467GMRS
Stability	2.5 ppm			
Step (kHz)	2.5K/5.0K/6.25K/10.0K/12.5K/20.0k/25.0K/50.0K			
MEMORY				
Memory Channels	200 Channels (000-199)			
POWER				
Power Supply		7.4V		
Consumption	≤ 75mA (standby)	380mA (reception)	≤ 1.4A (transmission)	
Battery Life	18hrs (normal usage)			
Operating Temp.	-20°C to +60°C			
Antenna Impedance	50 Ohm			
DIMENSIONS				
Dimensions (mm)	58 x110 x 32			
Weight (g)	214			
TRANSMITTER				
RF Power L/H	0.5/5W			
Modulation	FM Analog			
Emission class	15K1F3E (20 kHz wideband)	11K4F3E/8K48F3E (12.5/10 kHz narrowband)		
Max deviation	≤± 5.0 kHz (wideband)	≤± 2.5 kHz (narrowband)		
Spurious Emissions	< -60dB			
RECEIVER				
Sensitivity	0.2μV (at 12dB SINAD)			
Intermodulation	60dB			
Audio Output	1000mW (1W)			
Adjacent Channel Selectivity	65/60dB			
ACCESSORIES				
Connector	Kenwood K1			
Antenna	SMA Female			
Battery Series	BL-8			

## COMPATIBLE ACCESSORIES

**BL-8AAA** - AAA Battery Pack

**BL-8L** - High Capacity Battery

**BL-8 Battery Eliminator** - 12V DC Direct Power Cable

**QHM22D** - Dual PTT Speaker Mic

**QHM07** - Surveillance Earpiece Kit

**PC03** - PC Interface Cable

**10V USB Smart Charger** - USB Dock Charging Cable

**Nagoya NA-701G and NA-771G** - Flexible GMRS Whip Antennas




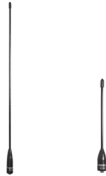




**Nagoya UT-72G** - Vehicle Magnetic Mount GMRS Antenna

**CH-8-6** - 6 Gang Bank Charger

**KPG-22 3.5MM Adaptor** - Converts accessory jack to 3.5MM audio receptacle

**APRS-K1 Adaptor** - Converts Accessory jack to TRRS Output

**BL-8** - USB-C Charging Compatible

			
BL-8AAA	BL-8L	BL-8 Battery Eliminator	QHM22D
			
QHM07	PC03	10V USB Smart Charger	Nagoya NA-701G/NA-771G
			
Nagoya UT-72G	CH-8-6	KPG-22 3.5MM Adaptor	APRS-K1 Adaptor
			
BL-8 USB-C			