

Thank you and congratulations on purchasing this high-performance superheterodyne GMRS Two-Way Radio & Scanner.

The **WOUXUN KG-916 GMRS** is built upon the same proven design and quality manufacturing as other **WOUXUN** GMRS radios. It has been designed to comply with FCC GMRS specifications & regulations to provide professional-grade personal business, safety, security, recreational, EmComm, and SHTF communications & scanning.

Visit BetterSafeRadio.com/916GMRS for more information.

ATTENTION

Please read this entire Quick-Start Guide as it contains important safety and compliance information for the proper handling and operation of your new GMRS radio.

COMPLIANCE

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with PART 15B of the FCC Rules.

Operation is subject to the following two conditions:

- 1) This device may not cause harmful interference, and
- 2) This device must accept any interference received, including interference that may cause undesired operation.

WARNING: MODIFICATION OF THIS DEVICE TO RECEIVE CELLULAR RADIOTELEPHONE SERVICE SIGNALS IS PROHIBITED UNDER FCC RULES AND FEDERAL LAW.

This device meets the requirements of **FCC PART 15.121(b)** for scanning receivers in the following frequency ranges (in MHz): 400–480

FCC Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 2.5 cm between the radiator and your body. The antenna used for this device must not be co-located or operating in conjunction with any other antenna or transmitter.

CAUTION: Do NOT transmit without an antenna attached, with a damaged antenna, while touching the antenna, around explosives, or while refueling a vehicle. Operate only with batteries & chargers designed for this radio.

— Main Features

400 Memory Channels • Analog Superheterodyne UHF FM GMRS Pre-Programmed for GMRS + SHTF • 2 Power Levels • Roger Beep Simplex & Repeater Capable • Channel & VFO/Frequency Scanning FPP • Priority Scanning • 3 Scan Modes • Wide & Narrow Bandwidth Full DTMF Keypad • Repeater Reverse & Talk-Around • CTCSS Search 155 Split CTCSS/DCS PL Tones/Codes • 1-Click Display Modes Backlight Timer • Manual & Auto Keypad/PTT Lock • Stiff Volume Knob 4 Programmable Function Keys • 2.5 kHz Tuning Steps • Flashlight Stopwatch • Battery Saver • Time-Out Timer w/Alert • Voice Announce 6-Character Alpha Channel Names • Key Beeps • 10 Squelch Levels Squelch Monitor • Squelch Tail Eliminator • 3 Speaker Muting Modes Battery Voltage Meter • 4.75" GMRS-Tuned Antenna • Part 95E Certified Emergency RESET (Standard 30-Channel GMRS Configuration)

Note the following features in the KG-916 GMRS which have been designed to comply with FCC GMRS regulations and best practices:

- **Shift Direction:** GMRS repeaters always use a "+" positive offset.
- **Offset:** GMRS repeaters always use a +5 MHz offset. (programmable via software or by [MENU_27 MEM-CH] copy)
- **Alarm:** Disabled (**TOP** red key is for Flashlight & Backlight instead).
- **Roger Beep:** Not available on the repeater input frequencies.
- **Power Levels:** Restricted on some frequencies per FCC. Ch. 1–7 (**L/H**) | Ch. 8–14 (**L** only) | Ch. 15–30 (**L/H**) **L = 0.5 Watts (ERP)** | **H = 4+ Watts (ERP)**
- **Modulation Bandwidth:** Restricted on some frequencies per FCC. Ch. 1–7 (**W** or **N**) | Ch. 8–14 (**N** only) | Ch. 15–30 (**W** or **N**) **W (20 kHz Mod., 25 kHz Ch.)** | **N (12.5 kHz Mod. & Ch.)**

Note: Menu can be changed to **W** on Ch. 8-14, but will only **TX** in **N**.

— Hidden Functions

- **Power-On with ▲:** Shows the radio's firmware version.



KG-916 GMRS Two-Way Radio Transceiver & Scanner

FCC PART 95E Certified
FCC ID: WVTWOUXUN21

FCC PART 95 Warning

This device operates on GMRS (General Mobile Radio Service) frequencies, which require an FCC (Federal Communications Commission) license. You must be licensed prior to transmitting on these frequencies. Serious penalties could result for unlicensed use of GMRS frequencies in violation of FCC rules, as stipulated in the Communications Act's Sections 501 and 502 (amended). You will be issued a call sign by the FCC, which should be used for station identification when operating the radio on GMRS frequencies. You should also cooperate by engaging in permissible transmissions only, avoiding channel interference with other GMRS users, and being prudent with the length of your transmission time. To obtain a license or ask questions about the license application, contact the FCC at 1-888-CALL-FCC or go to the FCC's website: <https://www.fcc.gov> and request form 605.



Station ID

Your GMRS station call sign must be transmitted using voice in the English language, or with International Morse Code telegraphy using an audible tone: (a) Following a single transmission or a series of transmissions; and (b) After 15 minutes and at least once every 15 minutes thereafter during a series of transmissions lasting more than 15 minutes.

— Default Channel Programming Chart

Performing the **RESET ALL** function [**MENU 50 RESET | ALL**] will erase all memories and restore the factory channels below. (can be custom prog.)

CH #	CH Name	RX Freq.	TX Freq.	TX CTCSS	TX PWR	BW W/N	Scan
001	GM 1C	462.56250	462.56250	141.3	H	W	ON
002	GM 2S	462.58750	462.58750	210.7	H	W	ON
003	GM 3E	462.61250	462.61250	141.3	H	W	ON
004	GM 4	462.63750	462.63750	141.3	H	W	ON
005	GM 5	462.66250	462.66250	141.3	H	W	ON
006	GM 6	462.68750	462.68750	141.3	H	W	ON
007	GM 7	462.71250	462.71250	141.3	H	W	ON
008	GM 8	467.56250	467.56250	141.3	L	N	ON
009	GM 9S	467.58750	467.58750	210.7	L	N	ON
010	GM 10	467.61250	467.61250	141.3	L	N	ON
011	GM 11	467.63750	467.63750	141.3	L	N	ON
012	GM 12	467.66250	467.66250	141.3	L	N	ON
013	GM 13	467.68750	467.68750	141.3	L	N	ON
014	GM 14	467.71250	467.71250	141.3	L	N	ON
015	GM 15C	462.55000	462.55000	141.3	H	W	OFF
016	GM 16S	462.57500	462.57500	210.7	H	W	OFF
017	GM 17E	462.60000	462.60000	141.3	H	W	OFF
018	GM 18	462.62500	462.62500	141.3	H	W	OFF
019	GM 19	462.65000	462.65000	141.3	H	W	OFF
020	GM 20T	462.67500	462.67500	141.3	H	W	OFF
021	GM 21	462.70000	462.70000	141.3	H	W	OFF
022	GM 22	462.72500	462.72500	141.3	H	W	OFF
023	GMR15	462.55000	467.55000	141.3	H	W	ON
024	GMR16S	462.57500	467.57500	141.3	H	W	ON
025	GMR17	462.60000	467.60000	141.3	H	W	ON
026	GMR18	462.62500	467.62500	141.3	H	W	ON
027	GMR19	462.65000	467.65000	141.3	H	W	ON
028	GMR20T	462.67500	467.67500	141.3	H	W	ON
029	GMR21	462.70000	467.70000	141.3	H	W	ON
030	GMR22	462.72500	467.72500	141.3	H	W	ON

C = CALL **S** = Safety/EARS **E** = EMER/Prepper **T** = Travel **R** = Repeater

— Basic Operation

- **Key Presses:** The **TOP**, **PF1**, **PF2** & **PF3** side-keys and several front panel keypad keys allow short and long presses (see below) to access primary and secondary functions (such as ***-SCAN** for the **Reverse/Scan** functions — see the **PF / Programmable Function Keys & Keypad Shortcuts** sections to the right).

A quick momentary press or “**Short-Press**” (SP) activates the primary key function. A “**Long-Press**” (LP) involves holding down a key for about 2 seconds to activate the secondary key function. The **PF2 Monitor** function is momentary and can be held down. The Key & PTT **LOCK** Function requires about 3 seconds.

- **Function Menu:** Press the **MENU** key to enter the Function Menu. Use the **▲▼** or **1-9** keys to select a function. Press **MENU** again to Edit (or activate) the selected function. Use the **▲▼** or **1-9** keys to select a setting or enter a value, then press **MENU** again to commit any changes. Press **EXIT** to exit the Function Menu. You can press **EXIT** at any time to abort the current Menu operation without writing any changes and return to normal operation.
- **Display Modes:** Short-Press **PF3** (or **MENU** then **PF2** if **PF3** has been user re-programmed) to cycle through all 4 Display Modes:
 - **NAME** (default): Displays the stored Alpha-6 Name for the current memory channel.
 - **FREQ-VFO** (Variable Frequency Oscillator): For direct frequency tuning/input, scanning frequencies, or programming new channels. Acts like a traditional radio frequency tuner.
 - **CHFREQ:** Displays the frequency stored for the current memory channel, with the channel # to the right (in small text).
 - **CH:** Displays the Number for the current memory channel.

TIP: You can hold down the **▲▼** keys to continuously scroll through channels, frequencies, or menu options (and reduce keypad wear).

— Basic Operation (continued)

- **Receiving (RX):** Turn the radio on by rotating the **On/Off/Volume Knob** clockwise. Use the **▲▼** or **1-9** keys to select the desired channel. Adjust the **Volume Knob** as desired.
 - You can set **RX DCS** codes or **CTCSS** tones (sometimes referred to as “PL Tones” or “Privacy/Quiet Tones”) with **[MENU 09_RX-DCS]** or **[MENU 10_RX-CTC]** to mute the receiver unless a signal contains the desired code/tone.
 - You can set the **SQUELCH** with **[MENU 14_SQL | 0-9]** to mute the speaker for background noise or signals below the set level. A squelch level of 5 is usually a good starting point.
- **Transmitting (TX):** Choose a channel or frequency using the **▲▼** or **1-9** keys. Long-Press **PF2** to confirm the channel is not in use.

Hold the radio upright a few inches from your mouth with the display facing you or at a slight angle.

Press & hold the **PTT** key, pause for about one second, then speak at a normal, consistent volume. Release the **PTT** key to stop transmitting. The radio will immediately return to receiving.

- You can set **TX DCS** codes or **CTCSS** tones with **[MENU 11_TX-DCS]** or **[MENU 12_TX-CTC]** to transmit these sub-audible signals to other stations or to access repeaters.
- You can transmit a **ROGER BEEP** (tone) at the beginning or end (or both) of your transmission with **[MENU 15_ROGER]**. The EOT (End Of TX) setting is most commonly used so other stations know when your transmission is “OVER”.
- You can set the **BUSY CHANNEL LOCKOUT** with **[MENU 18_BCL]** to inhibit accidentally transmitting when there’s an active signal detected, when RX DCS or CTCSS is set.

— Radio Controls & Indicators

- Mic/Speaker Audio & Programming Jacks
- **On/Off/Volume Knob**
- **RX Green Signal & TX Red Transmit LED Indicator**
- **TOP PF Key** (SP: Backlight On | LP: Flashlight On/Off)
- **Flashlight LED “Lamp”** (behind **TOP** key)
- **SMA-Male Antenna Port** (SMA-F Antenna)

— PF / Programmable Function Keys

Default Side-Key assignments:

- **PF1 SP: TX Power** (High/Low)
- **PF1 LP: Talk-Around/Direct** (On/Off)
- **PTT momentary: TX** (Transmit)
- **PF2 SP: Scan** (Start/Stop)
- **PF2 LP: Monitor** (Open Squelch - mom.)
- **PF3 SP: 1-Click Display Modes** (NAME/FREQ-VFO/CHFREQ/CH)
- **PF3 LP: Battery Voltage** (DC Volts)

— Keypad Shortcuts

- **MENU:** Access Radio Functions/Settings | Press again to **Edit/Save** Parameter | Stopwatch Pause/Resume (when active)
- **MENU** then **PF2:** Alt. for Display Modes
- **▲▼ SP/LP: Next/Prev.** Channel/Function/Select/**Scan** Direction
- **EXIT SP:** Exit Menu or **Scan** Mode.
- **0-9: FREQ-VFO/Chan Entry (3 digits) | Menu Function Shortcuts**
- ***-SCAN SP: Repeater Reverse** | LP: Start **Scan** Mode
- **#-LOCK SP: SECOND** (Stopwatch Start/Exit) | LP: **LOCK** (On/Off)

Note: A SP on all keys (except **▲▼**) will exit **Scan** Mode on previous channel. A quick tap on **PTT** will exit **Scan** Mode on current channel.



— LCD Display Data & Icons

Top	DCS / CTC	RX DCS or CTCSS Enabled (or TX during transmit)
	V	VOX (Voice Operated Transmit) Enabled
	S	Battery Saver Enabled
	W / N	Wide or Narrow Modulation Bandwidth
	- / +	Negative or Positive Repeater TX Offset Direction
		Keypad or Keypad + PTT Lock
		Battery Charge Level (100% shown)
Center	GMR20T 028	Channel Name + Channel # (NAME Display Mode)
	462.67500	Frequency (FREQ-VFO Display Mode, in MHz)
	462.67500 028	Frequency + Channel # (CHFREQ Display Mode)
	CH-028	Memory Channel # (CH Display Mode)
	7.4V	Battery Voltage Level (in DC Volts)
	BCL	Busy Channel / TX Inhibit when BCL Enabled
	LOCKED / UNLOCK	LOCK Mode or Unlock Prompt
	00.00.00	SECOND (Stopwatch) Time (in HH. MM. SS)
	[FUNCTION MENU]	Various MENU Functions or Settings/Values
Bottom	SCAN	SCAN Mode Enabled
	DT	SP-MUTE (Speaker Mute) Feature DTMF Enabled
	H / L	High or Low TX Power
		RX (Signal) S-Meter or TX Power (during transmit)

TIP: You can use free **WOUXUN** Customer Programming Software to change the “BSR GMRS” power-on display message to your own Call Sign, Unit # or Group Name! (8 alpha-numeric characters max.)

— Basic Operation (continued)

- **Scanning:** The **KG-916 GMRS** offers scanning of all 400 memory channels with three available **Scan Review Modes** set via [MENU 19_SC-REV | CO/TO/SE].
 - **CO Carrier Scan Mode:** Scans until a signal is received, pauses until the signal ceases, then resumes scanning if no signal returns after 5 seconds.
 - **TO Timer Scan Mode:** Scans until a signal is received, pauses for 5 seconds to preview the signal, then resumes scanning.
 - **SE Signal Scan Mode:** Scans until a signal strong enough to break squelch is received, then exits the **Scan Mode**, remaining on the current channel or frequency.
- To start scanning channels or frequencies, Short-Press **PF2** (or Long-Press the ***-SCAN** key if **PF2** has been user re-programmed).
- To exit **Scan Mode**, press **EXIT** or any other key to return to the previous channel or current frequency, or briefly tap the **PTT** key to stop on the current channel or frequency.
- If you encounter an unwanted signal while scanning in the **TO** or **CO Scan Modes**, you can press the **▲▼** keys to immediately advance/resume scanning in either direction.
- You can Add or Delete a channel from being included in the **Scan Mode** via [MENU 34_SCN-ADD | ADD/DEL]

TIP: When the [MENU 39_SECOND] Stopwatch Function is set to **OFF**, the # key Short-Press will toggle the 1-Click Display Modes, freeing up **PF3 Short-Press** for a different Function.

— Simplex vs. Repeater Operation

There are two main types of two-way radio communications you may have heard of, Simplex & Repeaters. The GMRS band includes 14 simplex-only channels (1–14), and 8 channels (15–22) which can be used for both simplex and repeater operation. On the **KG-916 GMRS**, memory channels 23–30 are the repeater-enabled channels for GMRS 15-22, and indicated with an “**R**” in the display.

Simplex, sometimes referred to as “**Talk-Around**” or “**Direct**,” involves communicating directly with another GMRS station on a single frequency, which limits your potential distance due to the mostly line-of-sight nature of the UHF frequencies that GMRS utilizes.

If you hear stations on GMRS channels 15-22 but they can’t seem to hear you, they may be operating through a repeater, especially if you hear a silent “tail” after each transmission, which is often followed by a “courtesy tone” (beep).

Repeaters are automated transceivers, usually located on higher ground and with full legal output power, that receive on an “input” frequency, and transmit on an “output” frequency. When the **KG-916 GMRS** is tuned to a repeater memory channel (23–30), it receives on the repeater’s “output” and transmits on the repeater’s “input,” via the Offset Frequency and Direction Menu Functions (which are always + 5 MHz for GMRS). The repeater literally “repeats” your weaker signal (in real-time) to a much wider area, extending your effective operating range from just a few to often 35 miles, or even further.

Nearly all repeaters require that you turn on a **TX-DCS** or **TX-CTC** code/tone (in the **Function Menu**) in order to “access” (operate through) the repeater. See the **Transmitting (TX)** section on the other page for more details.

Repeaters are typically owned and operated by individuals or radio clubs, and sometimes associated with a city/county CERT or other emergency service radio organization. Many repeaters are considered “**OPEN**” for use by any licensed GMRS user, whereas some are “**CLOSED**” and require permission or a membership prior to use.

TIP: Search for local repeaters and request permission at myGMRS.com.

- **Adding New or Copying Existing Memory Channels:** You can add new simplex GMRS TX/RX channels, add RX-Only Scanner channels, or copy existing simplex or repeater channels with the keypad, as desired.

• New Simplex or Scanner Channels:

- Switch to the **FREQ-VFO** Display Mode (see above).
- Use the **▲▼** or **1-9** keys to select/enter desired frequency.
- Set any other desired parameters in the Function Menu, such as CTCSS
- Write the frequency to a channel using [MENU 27_MEM-CH | 001~400]. New/unused channels will display an “**N**”. (See **Basic Operation – Function Menu** instructions.)

• Copy Existing Simplex/Scanner/Repeater Channels:

- Switch to the **NAME, CHFREQ** or **CH** Display Mode.
- Use the **▲▼** or **1-9** keys to select/enter desired channel (ex. Repeaters R15-R22 or other saved memory channel).
- Write the channel to a new channel using [MENU 27_MEM-CH]. New/unused channels will display an “**N**”.
- Switch to **NAME, CHFREQ** or **CH** Display Mode and use the **Function Menu** to set any desired parameters, such as **TXPOW, W-N, RX-DCS/CTC, TX-DCS/CTC, BCL, CH-NAME, or SCAN-ADD**, etc., to customize the new channel.
- While setting a **Channel Name** with [MENU 26_CH-NAME], use the **▲▼** keys to select a character, **0-9** keys to enter numbers, **PF2** to move left, and **PF3** to move right. When done, press **MENU** to write the new name, or **EXIT** to abort.

Note: Not all Menu Functions can be set in all Display Modes. Example: [MENU 34_SCN-ADD] is not available in **FREQ-VFO** Mode.

— GMRS Best Practice

While GMRS (General Mobile Radio Service) is intended more for transactional communications as part of the PRS (Personal Radio Service), it’s quickly becoming an active hobby for many individuals, preppers, and families. It can even be used for personal business operations, provided each individual or family is licensed (a single license covers your entire extended family with the same call sign).

TIP: Check out this [Easy Guide To GMRS Licensing at THE NOTARUBICON](#).

Speech on GMRS is meant to be courteous, “family friendly,” usually informal, and in “plain English,” although only your call sign needs to be conveyed in the English language. It’s not necessary to use Ham “Alpha, Bravo, Charlie” phonetics, although some groups may do so for official or emergency operations.

— Common Etiquette & Operating Tips

- Accessing a repeater without talking or using your call sign (“kerchunking”) is frowned upon (and will annoy repeater owners).
- Don’t talk too quietly or yell into your radio (while transmitting).
- Pause for a 1/2 second before speaking after pressing the PTT (1-sec or so on repeaters), so the beginning of your speech isn’t cut off.
- Leave a little space between transmissions (don’t “quick-key”) in case there’s ever any emergency traffic or someone else needs to make a quick call. Share the frequency - Nobody owns any GMRS channel.
- It’s okay to operate Simplex on the repeater channels, but it’s best to find a different unused channel if you hear any repeater traffic.
- Don’t whistle, play sound effects or music, or otherwise intentionally disrupt the communications of others (“jamming” ruins the service).

— Programming via Computer

You can program all channel data and radio menu settings on your **KG-916 GMRS** via computer with the free **WOUXUN** Customer Programming Software (CPS) and the Wouxun “Red” USB Programming Cable & driver software, available at BetterSafeRadio.com/916GMRS.

— Function Menu Options & Descriptions 01–16

01	STEP Tuning Step	2.5K 5K 6.25K 8.33K 10K 12.5K 25K 50K 100K Tuning step for FREQ-VFO Display Mode in kHz.
02	TXPOW Transmit Power	LOW HIGH (0.5 Watts 4+ Watts) RF output power level for TX (transmit).
03	SAVE Battery Saver	ON OFF Receiver duty-cycling to save battery life.
04	VOX Voice-Operated Transmit	OFF 1~9 (1 is highest sensitivity) Sensitivity for automatic TX based on microphone voice level.
05	W-N Modulation Bandwidth	WIDE NARROW (16 kHz 11 kHz) RX/TX modulation bandwidth for 25k / 12.5k channels.
06	ABR Auto Backlight Timer	OFF 1S~30S (in seconds) Duration LCD backlight remains on after any activity.
07	BEEP Key Beep	ON OFF Audible keypad & function key confirmation tone.
08	TOT Time-Out Timer	OFF 15S~900S (in seconds) Timer for automatic TX shutoff.
09	RX-DCS Digital-Coded Squelch	OFF D023N/I-D754N/I (Press <i>PF2</i> to toggle DCS polarity) RX (receive) DCS "DPL" decoding for speaker muting.
10	RX-CTC Cont. Tone-Coded Squelch	OFF 67.0Hz~251.4Hz (or non-standard values via keypad) RX CTCSS "PL/Quiet Tone" decoding for speaker muting.
11	TX-DCS Digital-Coded Squelch	OFF D023N/I-D754N/I (Press <i>PF2</i> to toggle DCS polarity) TX DCS "DPL" encoding during TX.
12	TX-CTC Cont. Tone-Coded Squelch	OFF 67.0Hz~251.4Hz (or non-standard values via keypad) TX CTCSS "PL/Quiet Tone" encoding during transmit.
13	VOX-DLY VOX Transmit Delay	OFF 1S~5S (in seconds) Duration TX continues after microphone voice stops.
14	SQL Squelch	0~9 (0 = OFF/OPEN) Signal strength threshold for squelch speaker muting.
15	ROGER Roger Beep	OFF BOT EOT BOTH (B = Beginning, E = End Of TX) Courtesy "OVER" tones during TX.
16	TOA Time-Out Timer Alarm	OFF 1S~10S (in seconds) Alarm warning tone time before TOT expires.

— Function Menu Options & Descriptions 17–32

17	VOICE Voice Announce/Prompt	OFF CHINESE ENGLISH Language for voice announcements/prompts.
18	BCL Busy Channel Lockout	OFF ON TX inhibit when active signal detected.
19	SC-REV Scan Review	CO TO SE (Carrier Timer Signal) Signal review behavior while scanning.
20	SP-MUTE Speaker Muting	QT QT*DT QT+DT (Quiet Tone QT or ANI QT & ANI) Require Quiet Tone and/or ANI-ID to unmute speaker.
21	DTMF-ST Touch-Tones & Side-Tones	OFF DT-ST ANI-ST DT+ANI (DTMF ANI-ID Both) Enable hearing DTMF keypad and/or ANI-ID tones during TX.
22	PTT-ID Transmit Unit ID #	OFF BOT EOT BOTH (B = Beginning, E = End) Send your ANI-ID (Unit #) during TX with PTT (Push-To-Talk).
23	ID-EDIT Unit Identification	0~9 (ANI-ID up to 6 digits, usually 3-digit min. of 101 used) Automatic Number Identification (Unit #) for Selective Calling.
24	ID-DLY Identification TX Delay	100MS~3000MS (in milliseconds) Delay before PTT-ID (ANI-ID) is sent after TX starts.
25	RING Incoming Select Call Ringer	OFF 1S~10S (in seconds) Duration of audible ringing before voice, when RX ANI-ID.
26	CH-NAME Channel Alpha-6 Name	0~9, A~Z, _ = + * - (up to 6 char., <i>PF2</i> =left, <i>PF3</i> =right) Memory Channel Name (numbers, letters, symbols & spaces).
27	MEM-CH Save Memory Channel	001~400 (3 digits with leading zeros, "N" indicates unused) Write current settings to used or unused memory channel.
28	DEL-CH Delete Memory Channel	001~400 (3 digits with leading zeros, "N" indicates unused) Erase selected used or unused memory channel.
29	PRI-CH Priority Channel	001~400 (3 digits with leading zeros, "N" indicates unused) Select used or unused memory channel as Priority Channel.
30	PRI-SCN Priority Channel Scan	ON OFF Enable Priority Scanning (of Priority Channel).
31	S-TONE Single-Tone TX "Tone-Burst"	1000H 1450H 1750H 12100H (in Hz) Frequency of Single-Tone TX (for repeater access, rare).
32	SC-QT Save Coded Quiet Tone	R-CT T-CT RT-CT (RX-CTC TX-CTC Both) Location to save found CTCSS tone after SCN-CD search.

— Function Menu Options & Descriptions 33–48

33	PONMSG Power-On Message	MSG DCV Custom Message or Battery DC Volts during radio power-up.
34	SCN-ADD Scan Add	ADD DEL Enable or Disable scanning of current channel.
35	SCN-CD Scan CTCSS/DCS	67.0Hz~251.4Hz (Press <i>PF2</i> to toggle between tones/codes) Automatic or manual scan for CTCSS/DCS on active signals.
36	AU-LOCK Auto-Lock	OFF 10S, 20S, 30S, 40S, 50S, 60S (in seconds) Timer before enabling LOCK mode after last activity.
37	LOCK-M Lock Mode	KEY KEY+PTT Keypad (and PF side-keys) or same plus PTT (for RX-only).
38	CALL-ID Select Call ID	1~20 Select Calling ID (Group) to TX (if CALL enabled on a PF key).
39	SECOND Stopwatch	ON OFF Enable Stopwatch feature on # key.
40	PF1S Prog. Function Key 1 Short	OFF SCAN B-LIGH VOX TXPOW CALL TALK-A LAMP SECOND CH-MDF DC-VLT
41	PF1L Prog. Function Key 1 Long	(same) SCAN : Scan Mode ON OFF B-LIGH : LCD Backlight WAKE VOX : VOX Operation ON OFF
42	PF2S Prog. Function Key 2 Short	(same) TXPOW : TX Power Level TOGGLE CALL : Select Calling TX
43	PF3S Prog. Function Key 3 Short	(same) TALK-A : Talk-Around Mode ON OFF LAMP : Flashlight ON OFF
44	PF3L Prog. Function Key 3 Long	(same) SECOND : Stopwatch ON OFF CH-MDF : Display Modes CYCLE DC-VLT : Battery Voltage Level
45	TOP Top "Red" Prog. Func. Key	OFF LAMP B-LIGH
46	RPT-RCT Repeater Receipt	ON OFF (OFF = Mute squelch tail) Disable speaker muting of squelch/repeater tail.
47	DC-VLT Battery DC Volts	SHOW HIDE Press MENU to show (for 10 sec.) or hide battery voltage.
48	QT-SW Quiet Tone Scan Switch	ON OFF (ON uses CTC/DCS stored in each channel) Enable CTCSS/DCS speaker muting while scanning.

— Function Menu Options & Descriptions 49–50

49	CH-MDF Channel/FREQ Display Mode	NAME FREQ CHFREQ CH (FREQ = VFO Mode) See LCD Display Data & Icons section.
50	RESET	VFO ALL (Menu Functions Menu & Memories – BEWARE!) ALL restores radio to 30-channel GMRS configuration.

— Technical & Safety Considerations

- Avoid operating the radio (never transmit) while your radio is in the charger, as this can damage the radio, battery or charger.
- Remove battery from the radio if storing for more than 1 month.
- Store the battery at about 60% charge for the longest shelf life.
- Don't submerge or intentionally soak radio with any liquid (or gel).
- If accidentally submerged, turn radio off, dry outside with paper towel, remove battery, shake any water out, dry again, set aside for several days (with good airflow) before attempting to turn on.

Visit BetterSafeRadio.com/916GMRS for more information or support, to download a printable PDF version of this manual or the original pre-programmed GMRS SHTF Channel Chart, to download the free **WOUXUN** Customer Programming Software and USB Programming Cable software drivers, to purchase a host of useful accessories such as a high-gain GMRS-tuned *Smiley Antenna* to extend your talk range, or to post a gear review & provide constructive feedback, which is encouraged.

When the SHTF, BetterSafeRadio than Sorry!™