

Thank you and congratulations for purchasing the most advanced GMRS Two-Way Radio & Scanner ever made.

The **WOUXUN KG-UV9GX**, an upgrade to the famous KG-UV9G PRO, is built upon the trusted performance, proven design, and quality manufacturing of the KG-UV9D(Plus) & KG-UV9P amateur radios. It has been modified to comply with FCC GMRS specs & regulations to deliver professional grade personal business, recreational, EmComm, and SHTF comms & scanning.

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 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): 76–108 / 108–136 136–180 / 219–250 / 350–400 / 400–512 / 700–824 / 849–869 / 894–960

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

NEW: 3 Dark Color Display Modes • Priority Channel Quick-Jump 1.25m “220 HAM Band” RX • Roger Beep • Bright Flashlight • Stiff Knobs
999 Memory Channels • Analog TDR Superheterodyne UHF FM GMRS • FPP Pre-Programmed for GMRS + SHTF • 3 Power Levels • Dual-PTT • DTMF Keypad Simplex & Repeater Capable • Wide 7-Band Receive with AM AIR Band • VOX Broadcast FM Radio w/20 Memories • 3 Scan Modes • 10 Scan Groups • BCL Dual Simultaneous Channel & VFO/Frequency Scanning • Scan-Advance Priority Scan • Single & Dual-Watch Modes • Wide & Narrow Bandwidth Repeater Reverse & Talk-Around • CTCSS/DCS Search/Scanning • Stopwatch 155 Split CTCSS/DCS PL Tones/Codes • Sub-Receiver Muting • Dual Indicator LEDs 3 Programmable Function Side-Keys • Manual & Auto Key/PTT Lock • Key Beeps 2.5 kHz Tuning Steps • Backlight Timer • ANI PTT-ID • Time-Out-Timer w/Alert Voice Announce • 8-Character Alpha Names • 10 Squelch Levels • Battery Saver Squelch Monitor • Squelch Tail Eliminator • 3 Speaker Muting Modes Battery Voltage Meter • 8” GMRS-Tuned Antenna • Part 95E & 15B Certified Emergency RESET (Standard 30-Channel GMRS Configuration)

— Feature Modifications

The following features available in the original KG-UV9D(Plus) & KG-UV9P amateur radios, which the KG-UV9GX is based on, have been removed, modified or improved to comply with FCC GMRS regulations and best practices.

- **Cross-Band Repeater:** Removed; Not allowed on GMRS.
- **– Shift Direction:** GMRS repeaters are positive offset only.
- **+ Shift Direction:** Allowed only on GMRS repeater pairs (via software).
- **Roger Beep:** Active on all channels except for Repeater inputs.
- **Power Levels:** Restricted on some frequencies per FCC.
Ch. 1–7 (L/M/H) | Ch. 8–14 (L only) | Ch. 15–30 (L/M/H)
L = 0.5 Watts (ERP) | M = 2 Watts (ERP) | H = 5+ 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.)
- **Scanning Advance:** When scanning in TO/CO Scan Modes, you can rotate the **Channel Knob** in either direction to immediately advance/ resume scanning when encountering any unwanted signals.
See **Scanning** section for more details.



KG-UV9GX GMRS Two-Way Radio Transceiver & Scanner

FCC PART 95E Certified
FCC ID: WVTWOUXUN19

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

The following factory/default channels are restored after performing a **RESET ALL** function [MENU 61_RESET | ALL]. (custom SHTF prog. avail.)

CH #	CH Name	RX Freq.	TX Freq.	TX CTCSS	TX PWR	BW W/N	Scan
001	GMRS 01C	462.56250	462.56250	141.3	M	W	ON
002	GMRS 02S	462.58750	462.58750	210.7	M	W	ON
003	GMRS 03E	462.61250	462.61250	141.3	M	W	ON
004	GMRS 04	462.63750	462.63750	141.3	M	W	ON
005	GMRS 05	462.66250	462.66250	141.3	M	W	ON
006	GMRS 06	462.68750	462.68750	141.3	M	W	ON
007	GMRS 07	462.71250	462.71250	141.3	M	W	ON
008	GMRS 08	467.56250	467.56250	141.3	L	N	ON
009	GMRS 09	467.58750	467.58750	141.3	L	N	ON
010	GMRS 10	467.61250	467.61250	141.3	L	N	ON
011	GMRS 11	467.63750	467.63750	141.3	L	N	ON
012	GMRS 12	467.66250	467.66250	141.3	L	N	ON
013	GMRS 13	467.68750	467.68750	141.3	L	N	ON
014	GMRS 14	467.71250	467.71250	141.3	L	N	ON
015	GMRS 15C	462.55000	462.55000	141.3	H	W	OFF
016	GMRS 16S	462.57500	462.57500	210.7	H	W	OFF
017	GMRS 17E	462.60000	462.60000	141.3	H	W	OFF
018	GMRS 18	462.62500	462.62500	141.3	H	W	OFF
019	GMRS 19	462.65000	462.65000	141.3	H	W	OFF
020	GMRS 20T	462.67500	462.67500	141.3	H	W	OFF
021	GMRS 21	462.70000	462.70000	141.3	H	W	OFF
022	GMRS 22	462.72500	462.72500	141.3	H	W	OFF
023	GMRSr15	462.55000	467.55000	141.3	H	W	ON
024	GMRSr16S	462.57500	467.57500	210.7	H	W	ON
025	GMRSr17	462.60000	467.60000	141.3	H	W	ON
026	GMRSr18	462.62500	467.62500	141.3	H	W	ON
027	GMRSr19	462.65000	467.65000	141.3	H	W	ON
028	GMRSr20T	462.67500	467.67500	141.3	H	W	ON
029	GMRSr21	462.70000	467.70000	141.3	H	W	ON
030	GMRSr22	462.72500	467.72500	141.3	H	W	ON

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

— New “X” (Extra) Features

- **Priority Channel Quick-Jump:** *LP BAND* to instantly switch to your Priority Channel (set with [MENU 32_PRI-CH | 001-999]) on the A receiver, even while scanning. The function will halt whatever is happening on the A receiver (except while in the Function MENU), leaving the FM Radio and B receiver scanning alone. This is handy for setting a favorite “home repeater or channel,” emergency EmComm or Travel Channel (default), NOAA WX, or local Public Safety channel.
- **Dark Display Modes:** Use [MENU 62_SCN-MD] to set 1 of 4 color screen modes with 3 new “dark” backgrounds:
 - **Classic:** Traditional Blue Text on Blue-White background.
 - **Covert:** Dark Red on Black background for minimal exposure.
 - **Day 1:** Bright Yellow on Black background for highest contrast.
 - **Day 2:** Blue-White on Black background for high contrast.

Note: You can reduce the backlight level [MENU 27_ABR-LV | 01-05] for minimal display light output (most useful for the Covert setting).

TIP: You can use free **WOUXUN** Customer Programming Software to change the “BetterSafeRadio” Personal Message to your own Call Sign, Unit # or Group Name! (16 alpha-numeric characters max.)

— Programming via Computer

You can program all channel data and radio menu settings on your **KG-UV9GX** via computer with the free **WOUXUN** Customer Programming Software (CPS) and the Wouxun “Red” USB Programming Cable & driver software, available at BetterSafeRadio.com/UV9GX.

For more editing features, the RT Systems Advanced Programming Software & USB Cable Kit, available at the link above, can also be used (except for new Dark Display Modes, which can be set from radio’s **MENU**).

TIP: Avoid operating radio (and never TX) while in charger, to avoid damage.

— Basic Operation

- **Key Presses:** The **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.
- **Function Menu:** Press the **MENU** key to enter the Function Menu. Use the **Channel Knob**, **▲▼** or **1-9** keys to select a function. Press **MENU** again to Edit the selected function. Use the same controls to select or enter a value, then press **MENU** again to write any changes. Press **EXIT** to exit the function Menu. You can press **EXIT** any time to abort the current Menu operation without saving changes for the currently selected function.
- **Display Modes:** Long-Press **TDR|V/M** to cycle through all 4 Display Modes:
 - **NAME** (default): Displays the stored Alpha-8 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 “digital” radio tuner.
 - **CH:** Displays the Number for the current memory channel.
 - **CHFREQ:** Displays the frequency stored for the current memory channel, with the channel # to the right (in small text).

TIP: You can hold down the **▲▼** keys or use the **Channel Knob** to quickly scroll through channels, frequencies, or **MENU** functions/values.

TIP: You can use the **EXIT** key as a backspace key while entering a frequency in the **FREQ-VFO** Display Mode.

— Radio Controls & Indicators

- Speaker/Mic Audio & Programming Jacks
- **On/Off/Volume** Knob
- **RX** Green Signal & **TX** Red Transmit LED Indicators
- **Channel Knob** (bi-directional; no stops)
- **Flashlight LED** “LAMP”
- SMA-Female **Antenna Connector**

— PF / Programmable Function Keys

Default Side-Key assignments:

- **PF1 LP:** Sub-Rec. PTT (Transmit - mom.)
- **PTT LP:** MAIN TX (Transmit - mom.)
- **PF2 SP:** FM Radio (On/Off)
- **PF2 LP:** Flashlight/Torch (On/Off)
- **PF3 SP:** Monitor (Open/Close Squelch)
- **PF3 LP:** Stopwatch
(LP: Start/SP: Stop/SP: Off-Reset)

— Keypad Shortcuts

- **BAND SP:** Toggle Active **MAIN** Receiver
| **LP:** Priority Channel Quick-Jump
- **TDR|V/M** Display Modes
SP: Single/True Dual Receive
LP: **FREQ-VFO/CH/CHFREQ/NAME**
- **MENU:** Access Radio Functions/Settings
| Press again to **Edit**, then again to **Save**
- **EXIT:** Exit Menu or Cancel Scanning
- **1-9:** Freq/Chan Entry | **FM Radio** Memories
| *Menu Function Shortcuts*
- ***-SCAN SP:** Repeater Reverse | *LP:* Start Scan Mode
- **#-LOCK SP:** IN FRQ/SAVE/CALL (FM Radio) | *LP:* **LOCK**
- **▲▼ SP/LP:** Next/Prev. Channel/Function/Value/Scan Direction
- **RPT SP:** Change Band (in VFO) | *LP:* Talk-Around/Direct



— LCD Display Data & Icons

Row 1	TKA	Talk-Around (Simplex) Active
	VOX	Voice Operated Transmit Enabled
	S	Battery Saver Enabled
	LOCK	LOCK Mode Enabled (Keypad, Ch Knob, PTT, ALL)
	Battery Charge Level (100% shown)	
Row 2	C	Priority Scanning On (flashes after recent signal)
	FM or “MSG”	FM Radio On or Muted/Freq. or Personal Message
A/B Rec.		Receiver On or Muted
Top	QT DT	RX CTCSS or DCS Enabled (or TX during transmit)
	T	DTMF Encoding/Decoding Enabled
	W N	Wide or Narrow Modulation Bandwidth
	+ -	Positive or Negative Repeater TX Offset Direction
	R	Repeater Reverse Enabled (Swaps RX/TX Freqs)
	★	Priority Channel
	Most Recently Received Call (signal or select call)	
	MAIN	Currently Selected MAIN Receiver/Transmitter
A/B Rec.	GMRSr20T 028	Channel Name + Channel # (NAME Display Mode)
Center	462.67500	Frequency (FREQ-VFO Display Mode, in MHz)
	CH-028 028	Memory Channel # + Channel # (CH Display Mode)
	462.67500 028	Frequency + Channel # (CHFREQ Display Mode)
	7. 40V	Battery Voltage Level (DC Volts) MENU VOLTAGE
	BCL	Busy Channel / TX Inhibit when BCL Enabled
	FRQ OVER	TX frequency is blank or outside of avail. TX range
	00. 00. 00	SECOND (Stopwatch) Time (in HH. MM. SS)
	[FUNCTION MENU]	Various MENU Functions or Settings/Values
A/B Rec.	H M L	High, Middle or Low TX Power
Bottom	RX (Signal) S-Meter or TX Power (during transmit)	
	AM	Amplitude Modulation Enabled (FM when off)

— Basic Operation (continued)

- **Receiving (RX):** Turn the radio on by rotating the **On/Off/Volume Knob** clockwise. Use the **Channel Knob**, **▲▼** or **1-9** keys to select the desired channel. Adjust the **Volume Knob** as desired.
 - **Main:** Toggle the active **MAIN** receiver with the **BAND** key.
 - **Single/True Dual Receive:** Toggle **Single** or **True Dual Receive** Modes with the **TDR|V/M** key.
 - **Sub-Receiver Muting:** You can choose if you want audio on the Sub-Receiver (opposite of **MAIN**) muted (while in **TDR** mode) when a signal is received (even while scanning), or when you transmit on the **MAIN** receiver, or both. Use **[MENU 60_S-MUTE | ALL, OFF, RX-MUTE, TX-MUTE, R/T-MUTE]** to toggle.
 - You can set **RX CTCSS** codes or **DCS** tones (sometimes referred to as “PL Tones” or “Privacy/Quiet Tones”) with **[MENU 16_Rx-CTC]** or **[MENU 18_Rx-DCS]** to mute the receiver unless a signal contains the desired code/tone.
 - You can set the **SQUELCH** with **[MENU 08_SQL-LE | 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.

Note: The top A Receiver can tune/scan all 7 bands available. The B Receiver covers only the normal dual-band range (136–174.9975 & 400–512.9975 MHz).

- **Transmitting (TX):** Choose the desired channel or frequency. **SP PF3** to confirm the channel is not in use, then again to mute.

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.

• Transmitting (continued):

- You can set **TX CTCSS** codes or **DCS** tones with **[MENU 17_Tx-CTC]** or **[MENU 19_Tx-DCS]** 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 of your transmission (or both) 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.
- **FM Radio:** The Commercial **FM Radio** feature tunes from 76 to 108 MHz in 100 kHz steps. It offers an **IN FRQ** VFO Mode with **SE** Scanning, Memory **SAVE**, and Memory **CALL** functions with 20 dedicated memories. When operating the **FM Radio**, the **MAIN** & Sub-Receiver (if in **TDR** Mode) will be “watching” for active signals and will mute the **FM Radio** and play the **MAIN** or Sub-Receiver audio instead. When the signal ceases, the **KG-UV9GX** will resume playing the current **FM Radio** station.
 - Enter the **FM Radio** feature with **SP PF2**. Do the same to exit.
 - Toggle between **IN FRQ/SAVE/CALL** modes with **SP #-LOCK**.
 - Press the ***-SCAN** key to scan for an active **FM Radio** station.
 - Use the **1-9** keys or **Channel Knob** to enter/select a frequency or memory channel in **IN FRQ/CALL** modes, then press the **MENU** key to commit to the selection.

- **Scanning:** The **KG-UV9GX** offers single or dual receiver scanning of all 999 memory channels with three available **Scan Review** Modes set via **[MENU 20_SC-REV | TO/CO/SE]**.
 - **TO Timer Scan** Mode: Scans until a signal is received, pauses for 5 seconds to preview the signal, then resumes scanning.
 - **CO Carrier Scan** Mode: Scans until a signal (carrier) is received, pauses until the signal ceases, then resumes scanning if no signal detected for 3 seconds.
 - **SE Search Scan** Mode: Scans (searches) until the first signal strong enough to break squelch is received, then exits the **Scan** Mode, remaining on the current channel or frequency.
 - You can select the **Scan Group** assigned to each receiver independently. Use **SP BAND** to select the desired **MAIN** receiver, then set with **[MENU 49_SCN-GP | 01-10]**.
 - To start scanning channels or frequencies on the current **MAIN** receiver, use **LP *-SCAN** key, or assign “SCN” to a PF key.
 - To start scanning on the other receiver, press the **BAND** key to switch the **MAIN** receiver, then **LP *-SCAN** key. Use **[MENU 60]** to control Sub-Receiver Muting and **BAND** key to select primary (**MAIN**) receiver.
 - To exit **Scan** Mode on the current channel, switch to the desired **MAIN** receiver with **SP BAND** key, then press any other key (other than **▲▼** and **BAND**), such as **0-9**, **EXIT** or ***-SCAN**.
 - If you encounter an unwanted signal while scanning in the **TO** or **CO** Scan Modes, use the **Channel Knob** or **▲▼** keys to advance/resume scanning in either direction.
- **Priority Scan:** When “ON” **[MENU 33_PRI-SCN]**, checks Priority Channel **[MENU 32_PRI-CH]** for signal every 1–2 seconds on **MAIN** receiver.

Note: Because there are two receivers, **Priority Scan** is not active while the normal **Scan** Mode is active. Set one receiver to your **Priority Channel** while scanning on the other receiver to never miss **Priority Channel** activity.

TIP: Remove battery from radio if storing for more than 1 month, with 60% chg.

- **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 **Channel Knob**, **▲▼** or **1-9** keys to select/enter desired frequency.
 - Set any other desired parameters in the Function Menu.
 - Write the frequency to a channel using **[MENU 30_MEM-CH | 001-999]**. New/unused channels will display in alternate color. (See **Basic Operation – Function Menu** instructions.)
 - **Copy Existing Simplex/Scanner/Repeater Channels:**
 - Switch to the **CH**, **CHFREQ** or **NAME** Display Mode.
 - Use the **Channel Knob**, **▲▼** 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 30_MEM-CH]**. New/unused channels will display in alternate color. Repeater settings will be retained, including the Offset Freq & Direction.
 - Switch to **CH**, **CHFREQ** or **NAME** Display Mode and use the **Function Menu** to set any desired parameters, such as **W/N**, **TXP**, **BCL**, **Rx-CTC/DCS**, **Tx-CTC/DCS**, **CH-NAME**, or **SCAN-ADD**, etc., to customize the new channel.
 - While setting a **Channel Name** with **[MENU 29_CH-NAME]**, use the **Channel Knob**, **▲▼** or **1-9** keys to select/enter a character/number, **#-LOCK** to accept and move forward, and **EXIT** to move back. When done, press **MENU** to write the new name, or **LP EXIT** to abort without writing.

Note: Not all Menu Functions can be set in all Display Modes.
Example: **[MENU 48_SCN-ADD]** is not available in **FREQ-VFO** Mode.

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

TIP: Don't submerge or intentionally soak radio with any liquid (or gel).

— Function Menu Options & Descriptions 01–17

01	ABR:s Auto Backlight Timer	OFF 1S–30S ALWAYS ON (in seconds) Duration LCD backlight remains on after any activity.
02	SAVE Battery Power Saver	OFF 1–4 (1=2:4, 2=2:6, 3=2:8, 4=3:9 – in 100mS) Receiver duty-cycling to save battery life. 4 cust. in software.
03	STEP Tuning Step	2.5K 5K 6.25K 8 10K 12.5K 20K 25K 30K 50K 100K Tuning step for FREQ-VFO Display Mode in kHz.
04	W/N Modulation Bandwidth	WIDE NARR (16 kHz 11 kHz) RX/TX modulation bandwidth for 25k / 12.5k channels.
05	TXP Transmit Power	LOW MIDDLE HIGH (0.5 Watts 2 Watts 5+ Watts) RF output power level (ERP) for TX (transmit).
06	SFT-D TX Shift Direction	Disabled for GMRS compliance. (always + Dir. on GMRS) Write existing repeater to new memory channel to clone.
07	VOX Voice-Operated Transmit	OFF 01–10 (01 is highest sensitivity) Sensitivity for automatic TX based on microphone voice level.
08	SQL-LE Squelch	0–09 (0 = OFF/OPEN) Signal strength threshold for squelch speaker muting.
09	ROGER Roger Beep	OFF BOT EOT BOTH (B = Beginning, E = End Of TX) Courtesy “OVER” tone during TX. Restricted on RPT inputs.
10	TOT:s Time-Out Timer	15S–180S (in 15 second increments) Timer for automatic TX shutoff to protect transmitter.
11	TOA:s Time-Out Timer Alarm	OFF 01S–10S (in seconds) LED warning flashing time before TOT expires.
12	VOICE-SW Voice Announce/Prompt	OFF ON Voice announcements/prompts.
13	BEEP Key Beep	ON OFF Audible keypad & function key confirmation tone.
14	MENULANGE Menu Language	Disabled. Always set to ENGLISH.
15	BCL Busy Channel Lockout	OFF ON TX inhibit when active signal detected on channel/freq.
16	Rx-CTC Cont. Tone-Coded Squelch	OFF 67.0Hz–254.1Hz (or non-standard values via keypad) RX CTCSS “PL/Quiet Tone” decoding for speaker muting.
17	Tx-CTC Cont. Tone-Coded Squelch	OFF 67.0Hz–254.1Hz (or non-standard values via keypad) TX CTCSS “PL/Quiet Tone” encoding during transmit.

— Function Menu Options & Descriptions 34–53

34	AUTOLOCK Auto-Lock	OFF ON Enables LOCK mode after 15 seconds of no activity.
35	LOCKMODE Lock Mode	KEY-LK KEY+PG KEY+PTT ALL Keypad + PF keys, or + Ch. Knob, or + PTT (RX-only), or all.
36	S-TONE Single-Tone TX “Tone-Burst”	1000H 1450H 1750H 12100H (in Hz, press PF3 while TX) Frequency of Single-Tone TX (for repeater access).
37	VOX-DLY:s VOX Transmit Delay	OFF 01S–05S (in seconds) Duration TX continues after microphone audio/voice stops.
38	SC-QT Save Coded Quiet Tone	R-QT T-QT R&T-QT (RX-CTC/DCS TX Both) Where found CTC/DCS tone is saved after SCN-CD search.
39	APO-TMR Auto-Power-Off Timer	OFF 15M–150M (in 15 minute increment) Timer for auto power off if no keypad or channel knob use.
40	PONMSG Power-On Message	BATTY BITMAP (BITMAP only active if factory image set) Battery DC Volts or custom image during radio power-up.
41	BLCDSW Backlight LCD Switch	OFF ON Dims LCD backlight instead of turning off completely.
42	BLEDSW Backlight LED Switch	OFF ON Flashes status LED when LCD is off to indicate radio is on.
--	MENU 43–47	Settings for Cross-Band Repeater not used on GMRS radio.
48	SCN-ADD Scan Add Channel	OFF ON Disable or enable scanning of currently selected channel.
49	SCN-GP Scan Group	01:name – 10:name ALL (Scan Groups set via software) Set active Scan Group, or all channels, for each receiver.
50	SCN-MODE Scan Range Mode	ALL Cur Region Lmt Frq (Limit Freqs. set via software) Limit FREQ-VFO scanning to all, current band, or limit freqs.
51	SCN-CD Scan CTCSS/DCS	CTCSS DCS (Use Ch. Knob or ▲▼ to change scan dir.) Scan for CTCSS or DCS tone/code on active signals.
52	CALL ID Select Call ID	01:name – 20:name (Call ID Group Names set via software) Select Calling ID (Group) to TX (if CALL enabled on a PF key).
53	AUTO-AM Auto-AM Receiver Mode	OFF ON (Activates AM Mode when AM signal detected) Disable or enable automatic AM Mode detection switch.

— Function Menu Options & Descriptions 18–33

18	Rx-DCS Digital-Coded Squelch	OFF D023N/I-D754N/I (Press # to toggle DCS polarity) RX (receive) DCS “DPL” decoding for speaker muting.
19	Tx-DCS Digital-Coded Squelch	OFF D023N/I-D754N/I (Press # to toggle DCS polarity) TX DCS “DPL” encoding during transmit.
20	SC-REV Scan Review	TO CO SE (Timer Carrier Search) Signal detection/monitor behavior while scanning.
21	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.
22	DTMF-ST DTMF & ANI Side-Tones	OFF DT-ST ANI-ST DT+ANI (DTMF ANI-ID Both) Enable hearing DTMF keypad and/or ANI-ID tones during TX.
23	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).
24	ID-EDIT Unit Identification	0–9 (ANI-ID up to 6 digits, 3-digit min., use keypad to enter) Automatic Number Identification (Unit #) for Selective Calling.
25	ID-DLY:ms Identification TX Delay	100MS–3000MS (in milliseconds) Delay before ANI-ID is sent after TX starts, with PTT-ID.
26	RING:s Incoming Select Call Ringer	OFF 01S–10S (in seconds) Duration of audible ringer before voice, when RX ANI-ID.
27	ABR-LV Automatic Backlight Level	01–05 (05 is highest brightness) Brightness for automatic LCD backlight.
28	OFFSET TX Offset Frequency	0–999.99750 (in MHz, Only 005.00000 MHz used on GMRS) TX + offset freq. when operating repeater. (FREQ-VFO only)
29	CH-NAME Channel Alpha-8 Name	! " # \$ % & ' () * + , - . / 0-9 : ; < = > ? @ A-Z [\] ^ _ ` a-z { } ~ Enter up to 8 char., #-LOCK =right, EXIT =left, LP EXIT =exit
30	MEM-CH Save Memory Channel	001–999 (3 digits, MENU =write, EXIT =cancel) Write current settings to any used/unused memory channel.
31	DEL-CH Delete Memory Channel	001–999 (3 digits, MENU =erase, EXIT =cancel) Erase any used memory channel.
32	PRI-CH Priority Channel	001–999 (3 digits, MENU =set, EXIT =cancel) Set any used memory channel as the Priority Channel.
33	PRI-SCN Priority Channel Scan	ON OFF Enable Priority Scanning (of the Priority Channel in standby).

— Function Menu Options & Descriptions 54–62

54	AM-SW AM Receive Mode Switch	OFF ON (OFF = Normal FM Mode RX) Disable or enable AM Mode RX on current memory channel.
55	PF1-DEF SP Prog. Function Key 1 Short	OFF CALLID R-ALARM SOS SF-TX SCN SECOND LAMP (<i>italic</i> is default)
56	PF2-DEF LP Prog. Function Key 2 Long	OFF SCN SECOND LAMP K-LAMP
57	PF3-DEF LP Prog. Function Key 3 Long	(same options as PF1) SECOND (default)
58	VOLTAGE Battery DC Volts	SHOW HIDE Press MENU to show (for 12 sec.) or hide battery voltage.
59	QT-SW Quiet Tone Scan Switch	OFF ON (ON uses CTC/DCS stored in each channel) Enable CTCSS/DCS speaker muting while scanning.
60	S-MUTE Sub-Receiver Mute Mode	OFF RX-MUTE TX-MUTE R/T-MUTE Mute alternate receiver during RX, TX, or both, on MAIN rec.
61	RESET Name	VFO ALL (Menu Functions Menu & Memories – BEWARE!) ALL restores radio to 30+ channel GMRS/NOAA config.
62	SCN-MD Color Screen Mode	Classic Covert Day 1 Day 2 Set color Screen Modes. Radio will power-cycle on change.

Visit [BetterSafeRadio.com/UV9GX](https://www.bettersaferadio.com/uv9gx) for more information or support, to download a printable PDF version of this manual or the original pre-programmed GMRS SHTF Channel Chart, the original KG-UV9P manual (for advanced features), or 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 operating range, or to post a gear review & provide constructive feedback, which are always welcome and appreciated.

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