

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

The **WOUXUN KG-UV9G** 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 manual addendum as it contains important safety and compliance information for the proper handling and operation of your new GMRS radio. The information in this addendum supersedes and highlights differences between the enclosed original KG-UV9P manual and this new **KG-UV9G** model.

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 / 230–250 / 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.

— Feature Differences —

The following features available in the original KG-UV9P have been removed or modified 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. (programmable via software only)
- **ROGER Beep, ALARM & SOS:** Disabled for GMRS best practice.
- **Power Levels:** Restricted on some frequencies per FCC. Ch. 1–7 (**L/M**) | Ch. 8–14 (**L** only) | Ch. 15–30 (**L/M/H**)
L = 0.5 Watts | **M = 5 Watts (ERP)** | **H = 5.5 Watts (ERP)** chs. 15–30
- **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.)**

— Feature Additions & Improvements —

The following features have been added or improved upon from the original KG-UV9P.

- **Scanning Advance:** When scanning in **TO** or **CO** Scan Modes [**MENU 28_SC-REV**], you can now rotate the **Channel Knob** in either direction to immediately advance/resume scanning when you've encountered an unwanted signal. See the **Scanning** section on the reverse side for more details.

— Basic Operation —

- **Key Presses:** The **PF2** & **PF3** side-keys and several front panel keypad keys allow short and long presses to access primary & secondary functions (such as ***-SCAN** for the **REV/SCAN** functions — see the **Programmable Function Keys** section on the reverse).
- A **"long-press"** involves holding down a key for about 1–2 seconds to activate the alternate key function, rather than a quick momentary **"short-press"** for the primary key function.



KG-UV9G PRO 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 Intl. 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. You may also use Unit #s and Names.

— 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	ON
016	GMRS 16S	462.57500	462.57500	210.7	H	W	ON
017	GMRS 17E	462.60000	462.60000	141.3	H	W	ON
018	GMRS 18	462.62500	462.62500	141.3	H	W	ON
019	GMRS 19	462.65000	462.65000	141.3	H	W	ON
020	GMRS 20T	462.67500	462.67500	141.3	H	W	ON
021	GMRS 21	462.70000	462.70000	141.3	H	W	ON
022	GMRS 22	462.72500	462.72500	141.3	H	W	ON
023	GMRSr15	462.55000	467.55000	141.3	H	W	OFF
024	GMRSr16S	462.57500	467.57500	210.7	H	W	OFF
025	GMRSr17	462.60000	467.60000	141.3	H	W	OFF
026	GMRSr18	462.62500	467.62500	141.3	H	W	OFF
027	GMRSr19	462.65000	467.65000	141.3	H	W	OFF
028	GMRSr20T	462.67500	467.67500	141.3	H	W	OFF
029	GMRSr21	462.70000	467.70000	141.3	H	W	OFF
030	GMRSr22	462.72500	467.72500	141.3	H	W	OFF

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

— Basic Operation (cont.) —

- **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 procedure to select or enter a value, then press **MENU** again to write any changes. Press **MENU** or **EXIT** to exit the function Menu. You can press **EXIT** any time to abort the current Menu operation without saving the change.
- **Receiving:** Turn the radio on by rotating the **On/Off/Volume Knob** clockwise. Use the **Channel Knob** or ▲▼ keys to select the desired channel. Adjust the **Volume** as needed.
 - **Main:** Toggle the active **MAIN** receiver with the **BAND** key.
 - **Single/Dual Receive:** Toggle Single or Dual Receive Mode with the **TDR-V/M** (True Dual Receive) key.
 - **Sub-Band Muting:** You can choose if you want audio on the **Sub-Band** Receiver muted (in **TDR** Dual mode) when a signal is received (even while scanning), 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.
- **Transmitting:** Choose a channel or frequency using the **Channel Knob**, ▲▼ or 1~9 keys. Short-press **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. Press & hold the **PTT** key and speak at a normal, consistent volume. Release the **PTT** key to stop transmitting.

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.

- **Scanning:** The **KG-UV9G GMRS** radio offers single or dual receiver scanning with 3 different Scan Modes.
 - **SE Scan Mode:** Scans until a signal strong enough to break squelch is received, then exits scanning, remaining on the current channel or frequency.
 - **TO Scan Mode:** Scans until a signal is received, pauses for 5 seconds to preview the signal, then resumes scanning.
 - **CO Scan Mode:** Scans until a signal is received, pauses until the signal ceases, then resumes scanning if no signal returns after 3 seconds.
 - You can select the **Scan Group** assigned to each receiver independently. Use the **BAND** key 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** band, long-press the ***-SCAN** key.
 - To start scanning on the other receiver, press the **BAND** key to make it the **MAIN** receiver, then long-press the ***-SCAN** key. Use [MENU 60] to control **Sub-Band** Muting and the **BAND** key to select the primary (**MAIN**) scanning receiver.
 - To stop scanning, switch to the desired receiver using the **BAND** key, then press any other key (other than the **BAND** key, such as **EXIT** or ***-SCAN** again).
 - If you encounter an unwanted signal while scanning in the **TO** or **CO** Scan Modes, you can rotate the **Channel Knob** in either direction to immediately advance/resume scanning.

TIP: You can use the free programming software to change the “BetterSafeRadio” display message to your own Call Sign! (16 chars.)

— Radio Controls & Indicators —

- **On/Off/Volume Knob**
- **RX Green Signal & TX Red Transmit LED Indicators**
- **Channel Knob** (bi-directional; no stops)
- **Flashlight/Torch LED**
- **SMA-Female Antenna Connector**

— PF / Programmable Function Keys —

Default Side-Key assignments:

- **PF1 momentary:** **Sub-Band** Receiver TX (Transmit)
- **PTT momentary:** **MAIN** Receiver TX (Transmit)
- **PF2 short-press:** **Broadcast FM Radio** (On/Off)
- **PF2 long-press:** **Flashlight/Torch** (On/Off)
- **PF3 short-press:** **Monitor** (Open/Close Squelch)
- **PF3 long-press:** **Stopwatch** (Start/Stop/Off-Reset)

— Keypad Shortcuts —

- **1~9:** Freq/Chan Entry | FM Radio Mem. | Menu Function Shortcuts
- **BAND:** Toggle Active **MAIN** Receiver
- **TDR-V/M short-press:** **Single/Dual** Receive Mode
- **TDR-V/M long-press:** **VFO-FREQ/CH-#/FREQ/CH-NAME** Modes
- **MENU:** Access Radio Functions | **Edit/Save** Menu Function
- **EXIT:** Exit Menu or Cancel Scanning
- ***-SCAN short-press:** **REV** | long-press: **SCAN**
- **#-LOCK short-press:** **FRQ/Save/Call** (FM Radio) | long-press: **LOCK**
- **▲▼:** **Next/Prev.** Channel/Function/Value
- **RPT:** short-press: **VHF/UHF** (in VFO) | long-press: **Talk-Around/Direct**



- **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-Band** receivers will be “watching” for active signals (if in **TDR** Dual Receive Mode) and will mute the **FM Radio** and play the **MAIN** or **Sub-Band** audio instead. When the signal ceases, the **KG-UV9G** will resume playing the current **FM Radio** station.
 - Enter the **FM Radio** feature with a **PF2 short-press**. Short-press again to exit the **FM Radio** feature.
 - Toggle between **IN FRQ/Save/Call** modes with a **#-LOCK short-press**.
 - 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.
- **Adding New Channels:** You can add new simplex GMRS Tx/Rx or other Scanner Rx-Only channels to your **KG-UV9G** with the keypad, as desired (add repeater channels via software only).
 - Enter the **VFO/FREQ** Mode (see **Keypad Shortcuts** above).
 - Use the **Channel Knob**, ▲▼ or 1~9 keys to select or enter the desired Rx frequency.
 - Write the frequency as a new channel using [MENU 30_MEM-CH | 001~999]. Unused memory channels will display in red. Press **MENU** to commit writing to memory, or **EXIT** to abort.
 - Switch to Channel 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**, **SCAN-ADD** & **SCAN-GP**, etc.