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.
- **Cross-Link 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.
**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)

- **PF2 momentary**
  - MAIN Receiver TX (Transmit)

- **PF2 short-press**
  - Broadcast FM Radio (On/Off)

- **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
  - ▲▼: Next/Prev. Channel/Function/Value

**FM Radio**: The Commercial FM Radio feature tunes from 76 to 108 MHz in 100 kHz steps. It offers an IN FREQ 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 FREQ/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 FREQ/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.