

Thank you and congratulations for purchasing this updated, advanced HAM Two-Way Radio & SHTF Scanner.

The **WOUXUN KG-UV9PX**, a new entry in the famous KG-UV9-Series, is built upon the trusted performance, proven design, and quality manufacturing of the KG-UV9D(Plus) & KG-UV9P amateur radios. It has been updated to deliver improved commercial grade personal hobby, EmComm, and SHTF communications & scanning.

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.

FCC Regulatory Conformance

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates and can radiate radio frequency energy. If not installed and used in accordance with the instructions, it may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. Verification of harmful interference by this equipment to radio or television reception can be determined by turning it off and then on. The user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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 Band” RX • Scan Advance • Bright Flashlight • Stiff Knobs
999 Memory Channels • Analog TDR Superhetrodyne Dual-Band FM • FPP Pre-Programmed for HAM + SHTF • 3 Power Levels • Dual-PTT • DTMF Keypad Simplex & Repeater Capable • Cross-Band Repeater • 7-Band RX w/AM AIR Band Broadcast FM Radio w/20 Memories • 3 Scan Modes • 10 Scan Groups • BCL Dual Simultaneous Channel & VFO/Frequency Scanning • Duplex Operation Priority Scan • Single & Dual-Watch Modes • Wide & Narrow BW • VOX 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” HAM-Tuned Antenna • FCC Part 15B Certified Emergency RESET (Default 29-Channel HAM + NOAA Configuration)

— Feature Additions & Improvements

The following features have been added, modified or improved upon over the original KG-UV9D (Plus) & KG-UV9P amateur radios, which the KG-UV9PX is based on.

- **Power Levels:** Low = 2 Watts | Mid = 5 Watts | High = 8+ Watts
- **Scanning Advance:** For the first time in the 9-Series amateur radio line, if you encounter an unwanted signal while scanning in **TO/CO** Scan Modes, you can use the **Channel Knob** or **▲▼** keys in either direction to immediately advance/resume scanning. See **Scanning** section for details.
- **Bright Flashlight:** The KG-UV9PX has a new, brighter LED flashlight with a tighter, more usable beam.
- **Stiff Knobs:** The channel and volume knobs now have additional washers that provide more resistance, to help avoid accidental changes.
- **Pre-Programed for HAM + SHTF:** The KG-UV9PX now comes pre-programmed with 850+ channels, including HAM FM Calls, many HAM simplex freqs., a host of general and SHTF receive-only channels such as NOAA Weather stations, GMRS/FRS, MURS, MMS (Marine), AIR (Aviation), AAR (Railroads), and various federal emergency and agency frequencies.
- **Usable Menu RESET ALL:** The radio now defaults to 29 usable channels after a Menu RESET ALL. See the **Default Channel Programming Chart**.



KG-UV9PX HAM Two-Way Radio Transceiver & Scanner

FCC PART 15B Certified / 97 Compliant
FCC ID: WVTWOUXUN23

FCC PART 97 Warning

This device operates on ARS (Amateur 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 ARS 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 ARS frequencies. You should also cooperate by engaging in permissible transmissions only, avoiding channel interference with other ARS 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 amateur radio 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 10 minutes and at least once every 10 minutes thereafter during a series of transmissions lasting more than 10 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	2m CALL	146.52000	146.52000	100.0	H	W	ON
002	70cmCALL	446.00000	462.58750	100.0	H	W	ON
003	220 CALL	223.50000		100.0		W	ON
004	H3 C2.50	902.50000		100.0		W	ON
005	H3 C6.50	906.50000		100.0		W	ON
006	H3 C7.50	927.50000		100.0		W	ON
021	H2 P6.42	146.42000	146.42000	100.0	H	W	ON
022	H2 S6.49	146.49000	146.49000	100.0	H	W	ON
023	H2 S6.53	146.53500	146.53500	100.0	H	W	ON
024	H2 W6.55	146.55000	146.55000	151.4	H	W	ON
025	H2 T6.56	146.56500	146.56500	151.4	H	W	ON
026	H2 S7.42	146.42000	146.42000	100.0	H	W	ON
041	H4 S1.10	441.10000	441.10000	100.0	H	W	ON
042	H4 P6.03	446.03000	446.03000	100.0	H	W	ON
043	H4 S6.10	446.10000	446.10000	100.0	H	W	ON
044	H4 S6.50	446.50000	446.50000	100.0	H	W	ON
061	ISS Dx	145.80000	144.49000			W	ON
062	ISS Rpt	145.80000	437.80000			W	OFF
981	NOAA WX1	162.55000				W	OFF
982	NOAA WX2	162.40000				W	OFF
983	NOAA WX3	162.47500				W	OFF
984	NOAA WX4	162.42500				W	OFF
985	NOAA WX5	162.45000				W	OFF
986	NOAA WX6	162.50000				W	OFF
987	NOAA WX7	162.52500				W	OFF
988	NOAA WX8	161.65000				W	OFF
989	NOAA WX9	161.77500				W	OFF
991	MMS 16EM	156.80000				W	OFF
992	AIR EM (AM)	121.50000				W	OFF

H3 = 23cm HAM **H2** = 2m HAM **H4** = 70cm HAM **C** = CALL **P** = Prepper
S = Simplex **W** = WeatherChasers **T** = T-Hunt **ISS** = Intl. Space Station
NOAA = Natl. Weather Service **MMS** = Maritime Marine **AIR** = Aviation

— 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 CALL 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, EmComm Unit # or Amateur Radio Club name! (16 alpha-numeric characters max.)

— Programming via Computer

You can program all channel data and radio menu settings on your **KG-UV9PX** via computer with the free **WOUXUN** Customer Programming Software (CPS) and the Wouxun “Red” USB Programming Cable & driver software, available at BetterSafeRadio.com/UV9PX.

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).
- **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 or to abort the current Menu operation without saving changes for the currently selected function, or wait for the **MENU** to time-out (about 12 sec.).
- **Display Modes:** Long-Press **TDR|V/M** to cycle through all 4 Display Modes:

- **NAME** (default): Displays the stored Alpha-8 Name (if any) 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 (simplex)



— LCD Display Data & Icons

Row 1	 or TKA	Cross-Band Repeater or Talk-Around (Simplex)
	VOX	Voice Operated Transmit Enabled
		Battery Saver Enabled
		LOCK Mode Enabled (Keypad, Ch Knob, PTT, ALL)
		Battery Charge Level (100% shown)
Row 2		Priority Scanning On (flashes after recent signal)
	FM  or MSG	FM Radio On or Muted/Freq. or Personal Message
A/B Rec.	 or 	Receiver On or Muted
Top	QT or DT	RX CTCSS or DCS Enabled (or TX during transmit)
		DTMF Encoding/Decoding Enabled
	W or N	Wide or Narrow Modulation Bandwidth
	+ or -	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)
		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 or M or 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 tone/code.
 - 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 Monitor** to confirm 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” (not often used on Ham bands and typically avoided on repeaters).
- You can set the **BUSY CHANNEL LOCKOUT** with **[MENU 18_BCL]** to inhibit accidentally transmitting when there’s an active signal detected (useful when RX DCS or CTCSS is set).
- See orig. KG-UV9P manual PDF for Cross-Band Repeater use.
- **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-UV9PX** will resume playing the current **FM Radio** station, until the feature is turned off.
 - 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 the entry/selection.

- **Scanning:** The **KG-UV9PX** 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 open the squelch is received, then exits the **Scan** Mode, remaining on the current channel or frequency.
- You can select the active **Scan Group** (defined in CPS) 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 optionally 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**.
- **Scan Advance:** 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 a signal every 1–2 seconds on the **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 or copy existing simplex or repeater TX/RX channels with the keypad, or add RX-Only Scanner channels (outside of the Ham bands), as desired.
 - **New Simplex, Repeater 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/Repeater/Scanner Channels:**
 - Switch to the **CH, CHFREQ** or **NAME** Display Mode.
 - Use the **Channel Knob**, **▲▼** or **1-9** keys to select/enter desired channel to copy.
 - Write the channel to a new memory 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**, **SFT-D**, **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 and **SFT-D** & **OFFSET** are only available in **FREQ-VFO** Mode.

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 (2 Watts 5 Watts 8+ Watts) RF output power level for TX (transmit).
06	SFT-D TX Shift Direction	OFF + – (only in FREQ-VFO Mode) TX frequency offset direction for repeater operation.
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. Not typical on repeaters.
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	See KG-UV9P manual PDF for Cross-Band Repeater use.
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, Ex. 000.60000 MHz used on 2 meters) TX offset freq. for repeater operation. (only FREQ-VFO Mode)
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 <i>(italic is default)</i>	CALLID: TX Group ID Call R-ALARM: TX Remote Siren SOS: Local Emergency Siren SF-TX: Alternate Rec. PTT SCN: Toggle Scan Mode SECOND: Toggle Stopwatch LAMP: Toggle Flashlight SDF-DIR: Toggle Offset Dir. K-LAMP: Toggle Backlight
56	PF2-DEF LP Prog. Function Key 2 Long	OFF SCN SECOND LAMP SDF-DIR K-LAMP	
57	PF3-DEF LP Prog. Function Key 3 Long	OFF CALLID R-ALARM SOS SF-TX SCN SECOND LAMP	
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 29-channel HAM/NOAA configuration.	
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/UV9PX** for more information or support, to download a printable PDF version of this manual or the original pre-programmed HAM 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 HAM-tuned *Smiley Antenna* to extend your operating range, or to post a gear review & provide constructive feedback, which are always welcome and appreciated.

When the SHTF, BetterSafeRadio than Sorry![™]