Wouxun KG-UV9PX HAM Two-Way Radio Transceiver and Scanner User Manual

Contents

Wouxun KG-UV9PX HAM Two-Way Radio Transceiver and Scanner

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.

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.

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 Superheterodyne 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-programed 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.

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 **P**6.42	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 **W**6.55	146.55000	146.55000	151.4	H	W	ON
025	H2 **T**6.56	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 **P**6.03	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

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

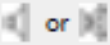
You can program all channel data and radio menu settings on your KG-UV9PX via computer with the free WOUXUN Customer Programming Software (CPS) and the Wouxun “Red” USB Programming Cable & driver software, available at BetterSafeRadio.com/UV9PX. For more editing features, the RT Systems Advanced Programming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

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.
- **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.

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.
- 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** | **1**S–**30**S | **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	**2.5**K | **5**K | **6.25**K | **8** | **10**K | **12.5**K | **20**K | **25**K | **30**K | **50**K | **100**K 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 pow er 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	**15**S–**180**S (in 15 second increments) Timer for automatic TX shutoff to protect transmitter.
11	**TOA:s** Time-Out Timer Alarm	**OFF** | **01**S–**10**S (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**.**0**Hz–**254**.**1**Hz (or non-standard values via keypad) RX CTC SS "PL/Quiet Tone" decoding for speaker muting.
17	**Tx–CTC** Cont. Tone-Coded Squelch	**OFF** | **67**.**0**Hz–**254**.**1**Hz (or non-standard values via keypad) TX CTC SS "PL/Quiet Tone" encoding during transmit.

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 "D PL" 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) Automati c Number Identification (Unit #) for Selective Calling.
25	**ID–DLY:ms** Identification TX Delay	**100**MS–**3000**MS (in milliseconds) Delay before ANI-ID is sent after TX starts, with PTT-ID.

26	**RING:s** Incoming Select Call Ringer	**OFF** | **01**S–**10**S (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 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** | **01**S–**05**S (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** | **15**M–**150**M (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 54–62

<table>
<tr><td>54</td><td>AM-SW
AM Receive Mode Switch</td><td colspan="2">OFF | ON (OFF = Normal FM Mode RX)
Disable or enable AM Mode RX on current memory channel.</td></tr>
<tr><td>55</td><td>PF1–DEF SP
Prog. Function Key 1 Short</td><td>OFF | CALLID | R–ALARM S OS | SF–TX
(italic is default)</td><td rowspan="2">CALLID: TX Group ID Call R–ALAR M: TX Remote Siren SOS: Local Em ergency Siren SF–TX: Alternate Rec. PTT SCN: Toggle Scan Mode SECO ND: Toggle Stopwatch</td></tr>
<tr><td>56</td><td>PF2–DEF LP
Prog. Function Key 2 Long</td><td>OFF | SCN | SECOND LAMP | SDF–DIR K–LAMP</td></tr>
<tr><td>57</td><td>PF3–DEF LP
Prog. Function Key 3 Long</td><td>OFF | CALLID | R–ALARM S OS | SF–TX | SCN SECOND | LAMP</td><td>LAMP: Toggle Flashlight
SDF–DIR: Toggle Offset Dir. K–LAM P: Toggle Backlight</td></tr>
<tr><td>58</td><td>VOLTAGE
Battery DC Volts</td><td colspan="2">SHOW | HIDE
Press MENU to show (for 12 sec.) or hide battery voltage.</td></tr>
</table>

59	**QT–SW** Quiet Tone Scan Switch	**OFF** | **ON** (ON uses CTC/DCS stored in each channel) Enable CTCS S/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** r estores 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.

Documents / Resources

	Wouxun KG-UV9PX HAM Two-Way Radio Transceiver and Scanner [pdf] User Manual KG-UV9PX HAM Two-Way Radio Transceiver and Scanner, KG-UV9PX HAM, Two-Way Radio T ransceiver and Scanner, Radio Transceiver and Scanner, Transceiver and Scanner, Scanner

References

- Wouxun KG-UV9PX HAM Two-Way Radio & SHTF Scanner - BSR
- Wouxun KG-UV9GX GMRS Two-Way Radio & SHTF Scanner - BSR
- Federal Communications Commission | The United States of America