QUANSHENG UV-K5 · QUICK REFERENCE

F-key shortcuts: F (#), let go, then

F,1 band	F,6 power L/M/H
F,2 A/B line	F,7 VOX
F,3 VFO / channel	F,8 reverse
F,4 freq meter	F,9 call channel
F,5 NOAA weather	F,0 FM radio
F,* find a signal's CTCSS/DCS tone	

Other keys

MENU	settings, confirm (hold: last item)
EXIT	back out (hold: main screen)
Up/Down	step channels or frequency
* hold	start or stop scanning
# hold	lock or unlock the keypad
Side keys	2 keys, short + long press each, set in CHIRP

Menu names that matter

SQL	squelch level
TXP	power: L / M / H
SFT-D	offset direction: + / - / off
OFFSET	0.600 (2 m) or 5.000 (70 cm)
T-CTCS	tone sent on transmit
TDR	dual watch: CHAN_A/B, shows DW
WX	cross-band. NOT weather (F,5)
S-ADD1/2	put a channel in scan list 1/2
S-LIST	which list a scan uses
MDF	show name, frequency or ch no.
SCR	scrambler: keep it OFF
PONMSG	power-on message

Program it with CHIRP

1. Radio ON first, then a K1 cable, home (FTDI, CP2102 or CH340; not fake Prolific)
2. Download From Radio: Quansheng / UV-K5 ("experimental driver" warning: Yes)
3. Save it: backup + calibration data
4. File > Import my CSV (see below)
5. Imported channels are in no scan list: set Scanlists 1/2 in each one's props
6. Upload To Radio

Boot message: Settings > Logo string 1/2 (12 chars), Power on display: Welcome Info

Firmware (mine: V1, patched 2.01.26)

Version	CHIRP Settings: Firmware Version. 2.01.x = V1, 1.0x = V2
Spectrum	UVMOD app: flashlight button
Bootloader	hold PTT while turning it on (flashlight on, screen dark)
Hidden menu	PTT + side key 1 at power-on. F-LOCK should read FCC. Leave the TX unlocks alone.

Never flash V1 firmware onto a V2 or V3.

Calling and weather

146.520 2 m national simplex calling
446.000 70 cm national simplex calling
162.400 NOAA weather, WWG75 on Haleakalā (WX2; covers Maui, Moloka‘i, Lāna‘i)

KH6COM machines (most of ch 10-31) have emergency backup power.

My Maui County channels

Ch	Name	Output	Shift	Tone
1	2M CALL	146.520	simp	-
2	70CM CALL	446.000	simp	-
3-9	WX1-WX7	162.400-162.550	RX only	
10	KAANAP 2M	146.900	-0.6	136.5
11	KAANAP 70	442.350	+5.0	136.5
12	KAPALUA	442.000	+5.0	110.9
13	NAPILI	444.800	+5.0	88.5
14	KAHAKULOA	442.400	+5.0	136.5
15	HAL 146.94	146.940	-0.6	110.9
16	HAL 147.08	147.080	+0.6	107.2
17	HAL 442.10	442.100	+5.0	136.5
18	HAL 444.22	444.225	+5.0	110.9
19	WAILUKU 2M	146.760	-0.6	100.0
20	KAHULUI	147.180	+0.6	136.5
21	WAILUKU443	443.025	+5.0	103.5
22	WAILUKU CM	443.225	+5.0	110.9
23	PUKALANI	147.140	+0.6	88.5
24	KAHUA	442.275	+5.0	136.5
25	WAILEA	442.050	+5.0	136.5
26	KEANAE	146.900	-0.6	110.9
27	HANA	442.300	+5.0	110.9
28	LANAI	442.225	+5.0	110.9
29	PUU NANA	442.300	+5.0	136.5
30	KUALAPUU	145.370	-0.6	110.9
31	HALAWA	442.125	+5.0	110.9

Full statewide list: the CSV in the guide.

On the air

Listen first. Key up, wait a beat, then talk.
Say your callsign every 10 minutes and at the end. First call: "N0CALL listening."
Radio a few inches from your mouth, normal voice.

The rules (US)

Listening: anyone, anything.
Transmit on 2 m / 70 cm: ham license.
  Technician: 35 questions, 26 to pass.
Never transmit on FRS, GMRS or MURS: the K5's FCC record covers receive only.
No encryption: keep SCR off.

When something's wrong

Repeater silent	check SFT-D, OFFSET, T-CTCS
Scan skips all	no scan list: S-ADD1/2
Odd TX/RX split	WX (cross-band) is on
CHIRP read-only	it doesn't know the firmware
CHIRP no answer	radio on before the cable, plug pushed fully in