



QUANSHENG UV-K5 Spectrum Instruction Manual

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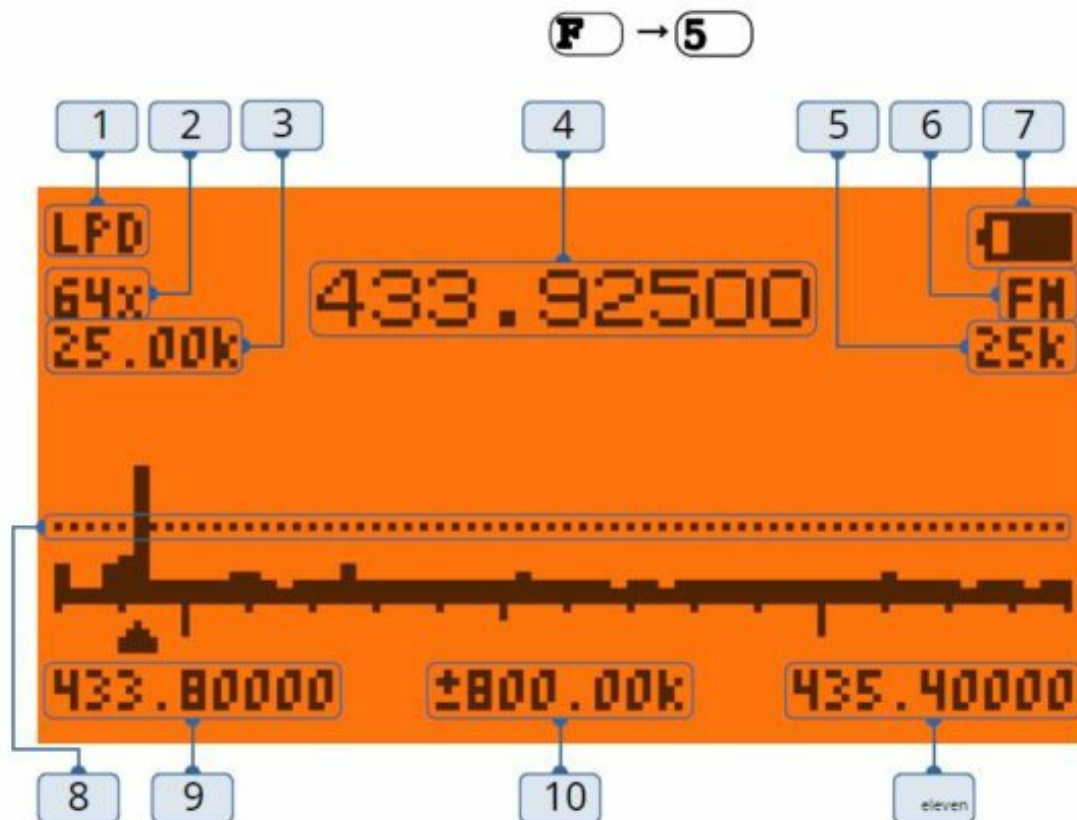
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QUANSHENG UV-K5 Spectrum Instruction Manual

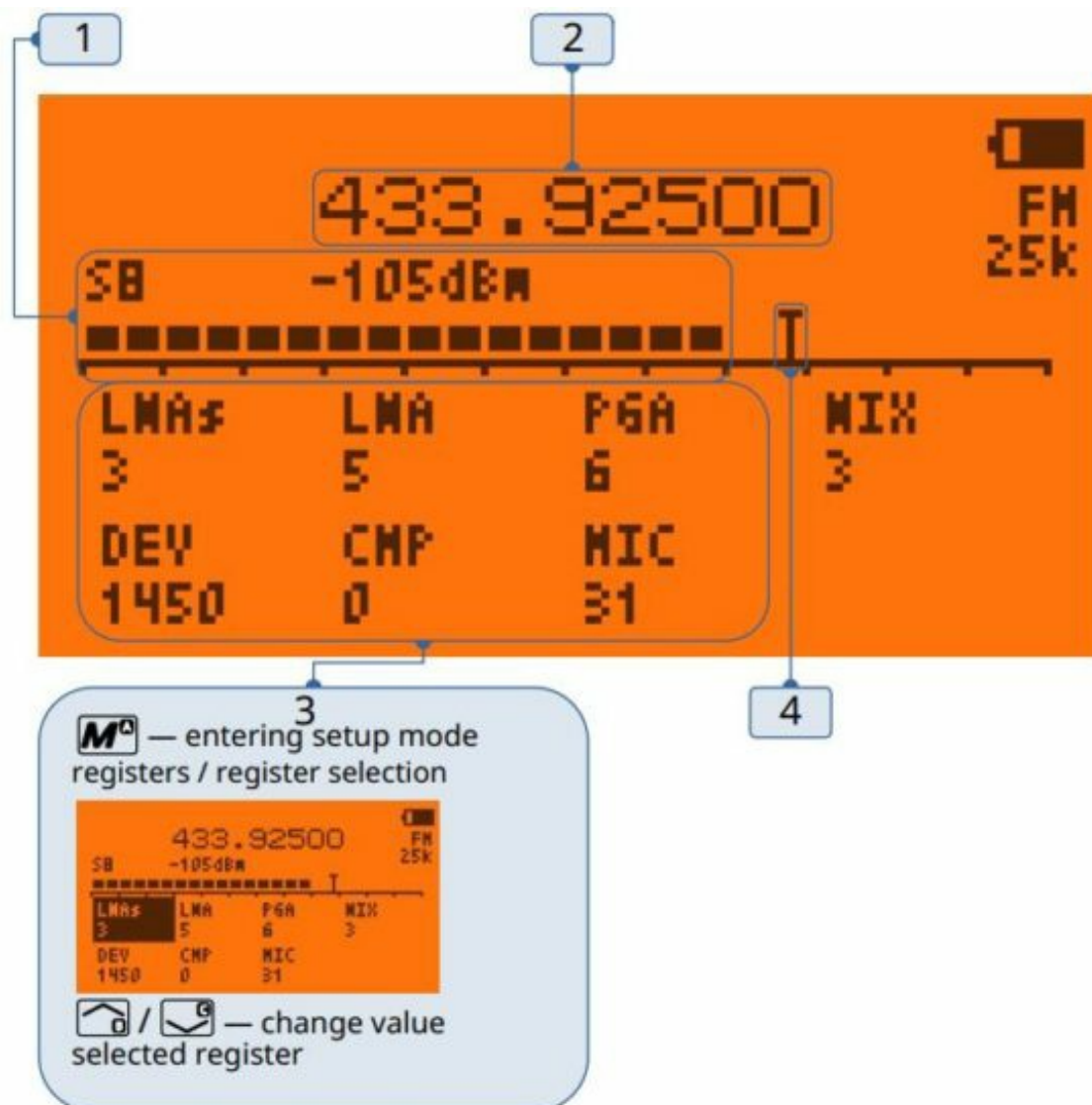


Main spectrum mode



1. Switching preset (frequencypl ana) - 3 / 9
2. Number of scanning steps - 4
3. Scan step - / 1 7
4. Current reception frequency
5. Receiver bandwidth - 6
6. Type of modulation AM/FM/USB - 0
7. Battery indicator
8. Noise suppressor level (hereinafter referred to as SNR) - * / F
9. Starting frequency of the scanning range - B / C
10. Spectrum frequency adjustment step 2 / 8
11. Final frequency of scanning range

Frequency capture mode / transmission



1. C-meter scale

2. Current reception frequency. (Perestroika - **↑** / **↓**)

3. Register setting mode - , back - **M**

EXIT

4. Silk level - / ***** **F**

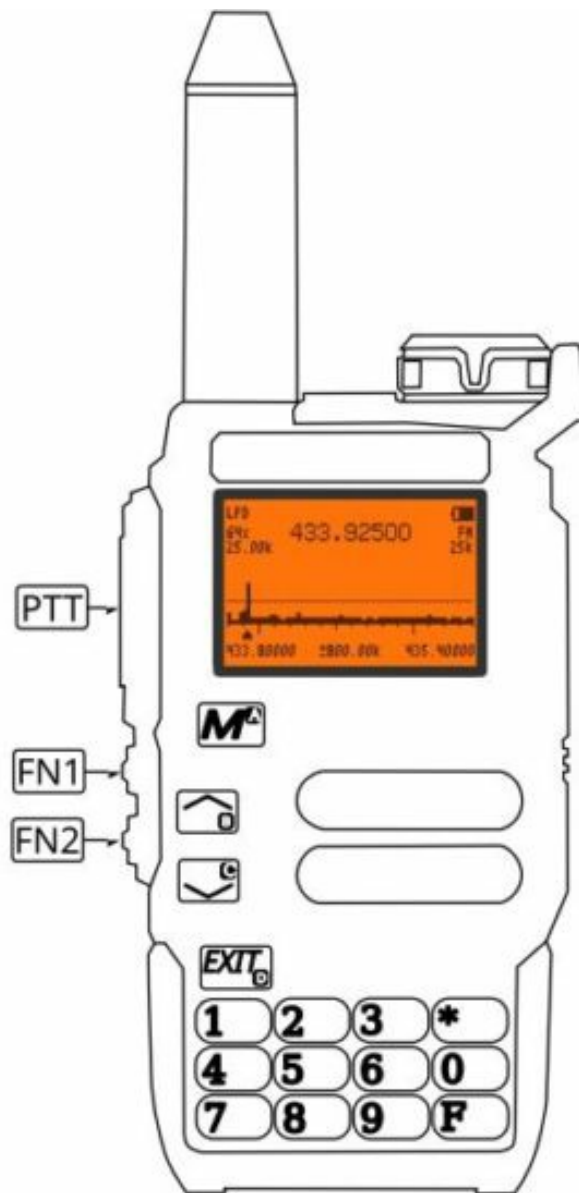
Purpose of the buttons

Button	Mode	Purpose
	Frequency capture	Selecting a register for editing
 	Basic mode	Spectrum frequency tuning
	Frequency capture	Frequency tuning
	Editing registers	Changing a register value
	All modes	Cancel / back
	Basic mode	Entering frequency capture mode
	Capture mode frequencies	Turning on "TX" transmission
	Basic mode	Excluding the current frequency from scanning
	Capture mode frequencies	Disable/enable Silk
	All modes	Disable/enable backlight
 	Basic mode	Scan step size

 	Basic mode	Spectrum tuning frequency step
 	Basic mode	Switching presets
 	All modes	Adjusting the noise level
	Basic mode	Number of scanning steps 16/32/64/128
	All modes	Direct frequency input. Entering a point 
	All modes	Bandwidth
	All modes	Modulation type AM/FM/USB

Description of registers

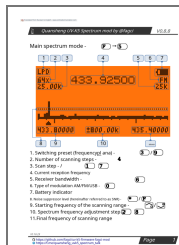
Register	Description
LNA _s	LNA is rough 3=0dB; 2=-11dB; 1=-16dB; 0=-19dB.
LNA	LNA thin 7=0dB; 6=-2dB; 5=-4dB; 4=-6dB; 3=-9dB; 2=-14dB; 1=-19dB; 0=-24dB
P.G.A.	Amplifier with programmable gain 7=0dB; 6=-3dB; 5=-6dB; 4=-9dB; 3=-15dB; 2=-21dB; 1=-27dB; 0=-33dB
MIX	Mixer Gain 3=0dB; 2=-3dB; 1=-6dB; 0=-8dB
DEV	Deviation width during transmission 0=min; 4095=max Default=1450
CMP	Compander function 1=on; 0=off
MIC	Microphone sensitivity 0=min; 31=max; 0.5dB/step



<https://github.com/fagci/uv-k5-firmware-fagci-mod>
https://t.me/quansheng_uv-k5_spectrum_talk

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UV-K5, UV-K5 Spectrum, Spectrum

References

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- [GitHub - fagci/uv-k5-firmware-fagci-mod: OSFW based on https://github.com/DualTachyon/uv-k5-firmware](#)
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