

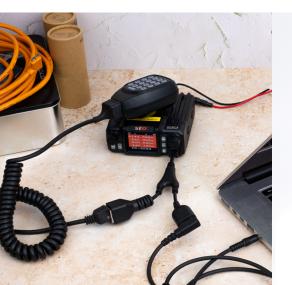
UV-25X4 (Second Generation) 25W Mobile Two Way Radio

The UV-25X4 is very much the same radio, our users have come to enjoy, with several new functionality improvements. The UV-25X4 has seen several performance improvements and tweaks in its second generation release.

The UV-25X4 has new menus and operations that allow audio I/O from its RJ45 microphone port. This allows the UV-25X4 to be installed for custom applications, where users want more control on where the speaker and mic audio is routed to.

The UV-25X4 (Second Generation) includes VOX support. VOX allows for handsfree use with your favorite audio accessories or the included handheld microphone. Contraction of the image of

- RJ-45 and K1 Accessory Support
- Quick-add channels
- Customizable LCD Display Screen







TECHNICAL SPECIFICATIONS					
GENERAL					
Frequency Range	144-148 (Tx), 222-225 (Tx), 420-450 (Tx), 136-174 (Rx), 400-520 (Rx)				
Memory Channels	200 Channels				
Frequency Step	2.5K/5.0K/6.25K/10.0K/12.5K/25.0K				
Squelch Setup	CARRIER/CTS/DCS/5Tone/2TONE/DTMF				
Antenna Impedance	50 Ohm				
Supply Voltage	13.8V DC ±15% / 7A Peak				
Frequency Stability	±2.5ppm				
Operating Temp.	-20°C to +60°C / -5°F to +140°F				
DIMENSIONS					
Dimensions	4 (W) x 1.85(H) x 5 (D) in				
Weight	1 lb				
TRANSMITTER					

	WIDE BAND	NARROW BAND	
Power Output	25W/10W		
Modulation	16K0F3E 11K0F3E		
Channel Power	≥70dB	≥60dB	
Signal to Noise Ratio	≥40dB ≥36dB		
Parasitic Harmonic	≥60dB ≥60dB		
Audio Response	+1 to -3dB(.3-3KHz)	to -3dB(.3-3KHz) +1 to -3dB(.3-2.55KHz)	
Audio Distortion	≤5%		

	WIDE BAND	NARROW BAND	
Sensitivity	≤0.25µV	≤0.35µV	
Channel Choice	≥70dB	≥60dB	
Intermodulation	≥65dB	≥60dB	
Spurious Rejection	≥70dB	≥70dB	
Audio Response	+1 to -3dB(.3-3KHz)	+1 to -3dB(.3-2.55KHz)	
Hum & Noise	≥45dB	≥40dB	
Audio Distortion	≤5%		
Audio Power Output	≥2W@10%		

COMPATIBLE ACCESSORIES

RPS-30M AC-DC Power Converter	RPS-30PRO AC-DC Power Converter	Mobile and Amp DC Cigarette Cable	Mobile and Amp DC Power Cable
BTECH Mobile Speaker Mic	RJ45 to K1 Splitter Cable	PC04 Programming Cable	Nagoya NMO-200C
Kagoya RB-100N	Nagoya RB-50	Nagoya RB-700N	Nagoya GPK-01
Nagoya TB-320A	Nagoya UT-72		