

BTECH UV-25X2

SECOND GEN. MOBILE TWO-WAY RADIO

UV-25X2 (Second Generation) 25W Mobile Two Way Radio

The UV-25X2 is a reliable and powerful mobile two-way radio with new functionality improvements. The second generation release of the UV-25X2 has seen several performance improvements and tweaks, making it an excellent choice for communication needs.

The UV-25X2 has new menus and operations that allow audio I/O from its RJ45 microphone port. This allows the UV-25X2 to be installed for custom applications, where users want more control on where the speaker and mic audio is routed to.

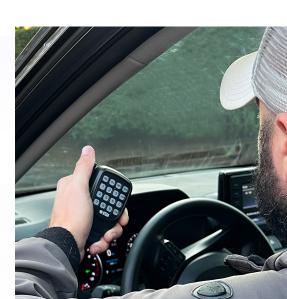
The X-Series Mobiles use our Multi-Color LCD display screen. You can adjust the complete display colors to be exactly as you want it. Beyond the display, you can fully customize your channels to display their alpha-numeric names or frequency settings.



- Built-in FM/VHF/UHF/NOAA Receivers
- Quad Watch
- VOX Hands-free
- RJ-45 and K1 Accessory Support
- Quick-add channels
- Customizable LCD Display Screen







TECHNICAL SPECIFICATIONS GENERAL

144-148 (Tx) 420-450 (Tx) 136-174 (Rx), 400-520 (Rx)
200 Channels
2.5K/5.0K/6.25K/10.0K/12.5K/25.0K
CARRIER/CTS/DCS/5Tone/2TONE/DTMF
50 Ohm
13.8V DC ±15% / 7A Peak
±2.5ppm
-20°C to +60°C / -5°F to +140°F

DIMENSIONS

Dimensions $4 \text{ (W)} \times 1.85 \text{(H)} \times 5 \text{ (D)} \text{ in}$ Weight 1 lb

TRANSMITTER WIDE BAND NARROW BAND Power Output 25W/10W Modulation 16KΦF3E 11K0F3E Channel Power ≥70dB ≥60dB Signal to Noise Ratio ≥40dB ≥36dB Parasitic Harmonic ≥60dB ≥60dB Audio Response +1 to -3dB(.3-3KHz) +1 to -3dB(.3-2.55KHz) Audio Distortion ≤5%

RECEIVER		
	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

