



BTECH UV-5X3

TRI-BAND RADIO

ADDING 220MHZ (1.25M) WAS JUST THE START

Don't let the appearance fool you. The BTECH UV-5X3 is the only radio in the series with new firmware features and menu updates, while maintaining the same classic design to allow full backward accessory capability

An exciting, new feature on the UV-5X3 takes full advantage of the LCD's dual line display. In the past the dual display allowed you to monitor two different frequencies at once.

You can program your UV-5X3 exactly how you want it. There are 128 programmable memory channels. You can add or remove channels from scanning list using the free computer software. You can give channels alphanumeric names, using a computer. The radio has 2 power levels (5 watt maximum), allowing you to choose how far you can communicate. You can set VFO limits using the CHIRP software. You can easily program from a PC to set-up the radio to operate exactly as needed.

FEATURES AND FUNCTIONS

- Tri-band Frequency Range
- Display Sync
- DTMF Remote Decode
- Incoming ANI Display
- On-the-Go Selectable Frequency Range Scanning
- Full Backward Accessory Compatibility with ALL UV-5R and BF-F8HP accessories



TECHNICAL SPECIFICATIONS

GENERAL

Range (MHz)	65-108 (Rx only) 144-148 MHz (Rx/Tx) 222-225 MHz (Rx/Tx) 420-450 MHz (Rx/Tx)
Memory Channels	128
Frequency Step	2.5K/5.0K/6.25K/10.0K/12.5K/20.0K/25.0K/50.0K
Antenna Impedence	50 Ohm

POWER

Supply Voltage	7.4V
Frequency Stability	2.5ppm
Operating Temp.	-20°C ~ +60°C
Consumption	≤75mA (standby) 380mA (reception) ≤1.4A (transmission)
Mode of Operation	Simplex or semi-duplex
Duty Cycle	03/ 03/ 54 min. (Rx/Tx/Standby)

DIMENSIONS

Dimensions	58 x 110 x 32 mm
Weight	214 g

TRANSMITTER

	WIDE BAND	NARROW BAND
Power Output (W)	5 (VHF high) 4 (1.25M high) 4 (UHF high) 1 (VHF low) 1 (1.25M low) 1 (UHF low)	
Modulation	FM	
Emission Class	16K#F3E	11K#F3E
Maximum Deviation	±5.0 KHz	±2.5 KHz
Spurious Emissions	<-60dB	

RECEIVER

Sensitivity (12dB SINAD)	≤0.2μV
Intermodulation	60dB
Audio Power Output	1000mW
Adjacent Channel Selectivity	65dB/60dB

ACCESSORIES

Connector	Kenwood K1
Antenna	SMA Female
Battery	BL-5

COMPATIBLE ACCESSORIES



V85 OEM Antenna



HS03 OEM Earpiece Kit



UV-5R Series OEM Belt Clip



Single PTT OEM Earpiece Kit



CH-5 Charger Kit



BL-5L 3800mAh Battery



BL-5 AA Battery Pack



BL-5 2100mAh Battery



BL-5 1500mAh Battery



BL-5 Battery Eliminator



BT1013 USB Direct Battery Charger Cable



CH-5-6 Gang Charger



USB to 10V Smart Charger



BTECH APRS-K1 Audio Cable



PC03 Programming Cable



BTECH 3.5mm Audio Adaptor Cable



QHM07 Surveillance Earpiece Kit



QHM22 Speaker Mic



Nagoya UT-308UV



Nagoya UT-72



Nagoya NA-320A



AMP-220 1.25M



AMP-U25D



AMP-U25



AMP V25D



AMP V25