



# 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**