

TH-UV8200

Amateur Dual Band Transceiver

- Dual band, dual display, dual standby
- CTCSS/DCS encoding and decoding
- DTMF encoding and decoding
- Remote kill/stun and activated
- 256 channels
- FM radio function
- Wide/narrow band selectable
- Mon-standard CTCSS/DCS keypad input
- PTT ID
- 1750Hz tone
- Man down
- PC program
- Voice prompt
- GPS optional



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Main Functions

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Item number	TH-UV8200
General	
Frequency Range	134-174MHz 400-520MHz
Frequency Stability	±2.5PPm
Channel Capacity	256 channels
Operating Voltage	DC 7.2V
Antenna	High gain antenna
Antenna Impedance	50Ω
Mode of operation	Simplex
Dimension (H x W x D)	123.31×28.84×35.93mm
Transmitter	
RF power	High ≤10W Low ≤5W
Modulation Type(Wide/Narrow band)	16KΦF3E/11 KΦF3E
Max. Fr. deviation(Wide/Narrow band)	≤ 5KHZ/ ≤ 2.5KHZ
Adjacent Ch. power(Wide/Narrow band)	≤-65dB/≤-60dB
Spurious Power	≤7μW
pre-emphasis character	6dB/Each frequency doubling the increment
Modulated noise	<-40dB
Current	≤2.8A(10W) ≤1.8A(5W)
DCS/CTCSS frequency deviation	0.6KHZ±0.15KHZ, 0.4KHZ±0.1KHZ
Intermediation sensitivity	8~12mV
Modulation distortion	< 5%
Receiver	
Reference Sensitivity	-122dBm(12dB SINAD)
Audio power	1 W
Audio Distortion	< 5%
Blocking	≥85
Inter-modulation(Wide/Narrow band)	≥60dB ≥55dB
Adjacent Ch.Selection	≥65dB ≥60 dB