

- Dual band
- DTMF PTT-ID
- Real output power:
4-5W
- Battery capacity:
1500mAh



UV-R50



Analog

Special Function

- Dual band
- DTMF PTT-ID

General Function

High capacity Li-ion battery and smart charger Receive/transmit code setting separately UHF/VHF dual band receive/transmit FM radio (65-108MHz) Large LCD display PC programmable Fast MENU operation Emergency alarm function H/L output power selective Squelch level adjustable Multi power saving function Voice prompt(Chinese or English) Reminding switch Dual display of frequency and channel	Channel name edit Channel storing Frequency/channel mode shift Multi LCD backlight selective Time of backlight auto off selective Build in VOX Offset frequency and offset direction setting Multi display mode: channel/frequency/channel name CTCSS/DCS code search automatically Multi step frequency Busy channel lock Time-out-timer(TOT) Multi scan function selective	Channel scan additive Wide/narrow bandwidth selective Main/sub channel shift 1750Hz call tone Reminding of repeater transfer Auto-keylock Dual-watch operation Channel delete function Reset DTMF function PTT-ID CTCSS/DCS Reverse function
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GENERAL

Frequency Range	Dual Band: 136-174MHz / 400-480MHz(RX/TX) Dual Band: 136-174MHz / 245-246MHz(RX/TX)	Operating Temperature	-25℃~+65℃
Channel	128	Frequency Stability	±2.5ppm
Channel Spacing	25 /12.5KHz	Battery	Standard: 1500mAh(Li-ion battery)
Operating Voltage	7.2V	Dimensions(H*W*D) (without antenna)	115mmX58mX35.5mm
Antenna Impedance	50Ω	Weight(with antenna and battery)	234.5g

TRANSMITTER

Output Power	4-5W
Modulation	16KΦF3E/11KΦF3E
Maximum Deviation	≤5.0KHz(W)
Stray Power	≤7.5μW
Modulation Distortion	≤5%

RECEIVER

Sensitivity	≤0.25/0.28μV
Adjacent Channel Selectivity	70/50dB
Intermodulation	60dB
Spurious Response Rejection	70dB
S/N	43/38dB
Rated Audio Power Output	≤0.5W
Rated Audio Distortion	≤5%

STANDARD ACCESSORIES

OPTIONAL ACCESSORIES



Antenna



Li-ion battery



Charger



Belt clip



Adapter



USB Programming cable



Programming cable



Combined antenna



Speaker/Mic



Headset