



DSR-590

PROFESSIONAL VHF TRANCEIVER

- Frequency Range: 136 - 174MHz VHF
- Talk Range: .75 - 3 Miles
- Channels: 128
- Voltage: 7.4V
- Battery: 1400mAH Li-ION
- Weight: 6 oz (with battery and antenna)
- Antenna Impedance: 50 Ω
- Dimensions: 2.2in x 4.13 in x 1.33 in
- Output Power: 5 Watts
- RF Sensitivity: $\geq 0.18\mu\text{V}$
- Audio Power: $< 0.5\text{W}$
- Audio Distortion: $< 7\%$
- Adjacent Chan: Selectivity: $\geq -65 \text{ dB}$
- Intermodulation: $\geq -860\text{dB}$
- Blocking: $\geq -85\text{dB}$
- Spurious Rejection: $\geq -860\text{dB}$
- Total Channel Inhibition: $\geq -8 \text{ dB}$
- Receive Current: $\leq 200\text{mA}$



	DSR PRO DSR590	Tekk X-100	Motorola CP200	Kenwood TK-3160	Motorola CLS1410	HYT TC508	Vertex VX-350
Channels	128	128	16	16	4	16	16
Output Power	5W	2W	4W	4W	1W	4W	5W
Full Keypad	Y	N	N	N	N	N	N
Built-In Flashlight	Y	N	N	N	N	N	N
Built-In FM Radio	Y	N	N	N	N	N	N
Scan Option	Y	Y	Y	Y	Y	Y	Y
Alpha Numeric Display	Y	N	N	N	N	N	Y

- 5 Watt Power
- 128 Channels With Scan
- 2 Tone Encode / Decode
- VOX (Voice Activation)
- Full Keypad
- Built In Flashlight
- Time Out Timer (TOT)
- Emergency Alarm Function
- All Metal Chasis
- Power Save Function
- Voice Scrambler
- Busy Channel Lockout
- REC / Transmit CTCSS / DSC Code
- PC Programmable
- High / Low Power Switchable
- Audio Connector (2 Pin Kenwood)