



66-88 Mhz
136~174 Mhz
400~470 MHz

DV 2D Series Digital Mobile DMR and Analog Midband/VHF/UHF Radio

Dual-mode(Digital+Analog)

1.77 inch color TFT screen

4000channels

10,000Talk Groups with 300,000 digital contacts

ETSI DMR Tier I and II Compliant

Auto-senses digital or analog reception

Roaming function

Dual RX simultaneously (Analog+DMR or Analog+Analog)

GPS with Analog APRS Location Reporting and

Digital APRS Location Reporting

BlueTooth



for Reliable Quality





DV - 2D DMR MOBILE

General

Frequency range
VHL: 66-88MHz
VHF:136-174MHz
UHF: 400-470 MHz
Channels 4000
Groups 50
Channel Spacing 12.5KHz
Working Voltage 13.8V
Frequency Stability 1ppm
Antenna Impedance 50 ohm

Transmitter

Power output H/L : 45W/25W
FM Modulation 12.5 kHz: 11K0F3E
4FSK Digital Modulation
12.5 kHz Data: 7K60F1D & 7K60FXD
12.5 kHz Data + Voice: 7K60F1E & 7K60FXE
Max frequency deviation $\leq \pm 12.5$ KHz(narrow)
Audio distortion $\leq 3\%$
Audio response +1/-3dB
Spurious RF \geq components -70dBm<1GHz
Adjacent Channel Power ≤ -70 dB
Vocoder AMBE+2™

Specifications are subject to change without notice due to advancements in technology.

Receiver

Sensitivity (at 12dB SINAD) 0.25uV
Frequency stability ± 0.5 ppm
Co channel suppression -60 dB
Adjacent channel selectivity 60dB
Intermodulation rejection 60dB
Spurious response rejection 60dB
Audio output power 4W (8)
Max Audio output power 12W (8 external
Audio response + 1 / -3dB
Audio distortion @ Rated audio 3%

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