TDMR

DIGITAL
TWO-WAY RADIO
DR6Plus

DMR
DIGITAL MOBILE RADIO ASSOCIATION



Clearer • Smarter • Stronger

- 128 Channels
- 1000 Digital Contacts
- Private/Group/All Call
- Digital/Analog Mixed Mode
- Emergency Alarm
- Monitor
- Repeater
- Scanning
- VOX
- DTMF
- Firmware Update
- Noise Reduction (Optional)
- Recording 100H/500H (Optional)
- Digital Encryption ARC4/AES128/AES256 (Optional)

Product Specification

DR6Plus

General Specification	
Frequency Range	400-470MHz
Channel Capacity	128 (16 Channel*8 Zone)
Channel Spacing	12.5kHz
Operation Voltage	DC 7.4V
Battery Type	Li-Ion
Battery Capacity	1600mAh / 2500mAh
Output Current	450mA
Charging Time	4-5 hours
Battery Life @ 5/5/90	Analog:12h / Digital:16h
Operation Temperature	-20℃~+50℃
Audio Power Output	≤1W@16W
Dimensions (HxWxD)	132(H)*61(W)*42(D)
Weight	260g

Transmitter Specification	
Carrier Output Power	High ≤4W
	Low ≤1W
Carrier Frequency Tolerance	≤±1PPM@200~500MHz
Adjacent Channel Power	≤-61dB@12.5kHz
	≤-65dB@25kHz
Modulation Mode	11K0F3E@Analog(FM) / (FM)
	4FSKDigital:12.5kHz Data/Voice:7K60FXW/12.5kHz Data:7K60FXD
Transmit Spurious Emission	<-36dBm@<1 GHz
	<-30dBm@<12.75 GHz
TX FSK Error	<5%@Digital
Audio Distortion	≤3%

Receiver Specification	
Static Sensitivity	≤-117dBm(Eer≤1%) / ≤-121dBm(Eer≤5%)
Co-Channel inhibition	≥-12dB
Adjacent Channel Selectivity	≥63dB
Conducted Spurious Emission	≤-57dBm
Receiver Spurious Emission	≤-47dBm
Blocking	≥85dB
Intermodulation Response Rejection	≥65dB

Note: The above specifications are all from laboratory data; Due to continuous technological upgrades; data is subject to change without prior notice.

Standard Accessories



Battery | Antenna | Belt Clip | Power Adaptor | Charger Cup | Hand Strap