D588

Samhoo



D588
Digital Two way radio

2 YEAR Standard Warranty



DMR
DIGITAL MOBILE RADIO ASSOCIATION

- DMR Tier2&Tier1, Analogue FM
- UHF 400–520M and VHF 136–174M
- 1.5–inch display and function Keypad
- Clearer&Louder Audio with AI–based
- Longer range with higher sensitivity
- Longer battery life with 2000mAh
- Safer side flash light
- Rugged & Reliable IP56/66/67

WATERPROOF | GPS | AI NOISE CANCELING | SAFETY FLASHING LIGHT

Frequency range*:
V(136-174MHz)
U1(400-470MHz)
U2(350-400MHz)
U4(450-520MHz)

CE FC RoHS MIL-STD

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General

Communication protocols &standards	DMR Tier1 & Tier2
	Analogue
Working Mode	RMO/DMO
Frequency Bands	136-174MHz,350-400MHz,400-470MHz,450-520MHz
Channel Capacity	256 Channel,16 Zone
Channel Spacing	12.5KHz/20KHz/25KHz
Operating Voltage	7.4V
Battery Volume	2000mAh(Lithium battery)
Working Time(standard battery)(5-5-90 duty cycle, high TX power)	⩾20h
Dimensions(standard battery, not including antenna)	117.1*54.5*31.5(mm)(H*W*D)
Weight(standard battery, including antenna)	270±5g
Frequency Stability	±0.5ppm
LCD Display	1.5-inch
Keypad	Function Keypad
Digital Voice Vocoder	AMBE++

Transmitter

RF Power Output	UHF High/Low power: 4W/1W
	VHF High/Low power: 5W/1W
FM Modulation	11K0F3E@12.5KHz;14K0F3E@20KHz;16K0F3E@25KHz
4FSK Digital Modulation	12.5KHz Data:7K60FXD
	12.5KHz Data&Voice:7K60FXW
Conducted / Radiated Emission	−36dBm＜1GHz;-30dBm＞1GHz
Modulation Limiting	±2.5KHz@12.5KHz;±4.0KHz@20KHz;±5.0KHz@25KHz
FM Noise	40dB@12.5KHz;43dB@20KHz;45dB@25KHz
Adjacent Channel Power	60dB@12.5KHz
Audio Response	+1~-3dB
Audio Distortion	⩽3%

Receiver

Sensitivity	Digital	0.14μV(BER5%)
Sensitivity	Analog	0.14μV(12dB SINAD)
Adjacent Selectivity	⩾60dB@12.5KHz	
Hum and Noise	40dB@12.5KHz;43dB@20KHz;45dB@25KHz;	
Rated Audio Power Output	0.5W	
Rated Audio Distortion	⩽3%	
Audio Response	+1~-3dB	
Conducted Spurious Emission	＜-57dBm	

Environmental Specifications

Operation temperature	−20℃~+60℃
Storage temperature	−40℃~+85℃
ESD	IEC 61000-4-2(level 4);±8KV(contact);±15KV(air)
Environment Test Standard	MIL-STD
Dust and water ingress protection	IP56/66/67

GNSS(GPS\BDS\Glonass)

Horizontal Accuracy	＜5 meters
TTFF (Time To First Fix) Cold Start	1 minute
TTFF (Time To First Fix) Hot Start	10 seconds

Remark: The above specifications comply with standard tests accordingly, and due to continuous technical development, they are subject to changes without prior notice.

Standard:


Standand Battery


Antenna


Power adapter


Desktop charger


Belt Clip


Strap

Optional:


D-Earset


Programming Cable


Desk Charger Power adapter


Six-Slot Desk Charger


Hand microphone


Transparent Acoustic Tube Earset

Your Local Dealer

ISO certification:

ISO9001:2015

ISO14001:2015

ISO45001:2018

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Learn more details

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