



DP3016

Two-Way Radio

DP3016 commercial digital radio features a modern industrial design in black and yellow. It has achieved remarkable success in terms of aesthetics, ease of use and product performance. The advanced digital voice technology guarantees clearer and louder communication sound quality. It supports a hybrid digital/analog communication mode to realize the smooth transition from analog to digital mode. The rich functions of DP3016 provide the outstanding communication experience, making it easy to handle both daily use and task processing.

-  Lone Worker
-  One Key Alarm
-  Noise Reduction *
-  Same ID Interoperability
-  Digital/Analog Compatible
-  Automatic Two-time Slots
-  AES256/ARC4 Encryptions

DMR
DIGITAL MOBILE RADIO ASSOCIATION



Other Functions

- Call Prompt
- Scan/Scan Priority
- Private Call/ Group Call/ All Call
- LED Flashlight
- Pre-set Message
- Channel Lockout

SPECIFICATION

General	
Frequency Range(Optional)	UHF: 400-480MHz
Channel Capacity	32
Zones	2
Channel Spacing	12.5KHz
Operating Voltage	DC 3.7V (± 20%)
Battery capacity	1800mAh
Average Battery Working Time(5/5/90)	Digital: 18 hours Analog:15 hours
Frequency Stability	± 1.5ppm
Antenna Impedance	50Ω
Dimensions (L × W × H)	53 (L) *30 (W) *95 (H) mm
Weight	161g (Including battery)

Transmitter	
RF Output Power	≤3W
4FSK Modulation	12.5kHz (only data): 7K60FXD 12.5kHz (data and voice): 7K60FXE
FM Modulation	12.5 kHz:8K50F3E; 25 kHz:16KΦF3E;
Modulation Limitation	± 2.5kHz @ 12.5kHz; ± 5kHz @ 25kHz
FM Noise	-40dB
Conducted Emission	-36 dBm ≤ 1GHz/-30 dBm ≥ 1GHz
Adjacent Channel Power	≤ -60dB
Frequency Response	+1/-3dB
Audio Distortion	3%

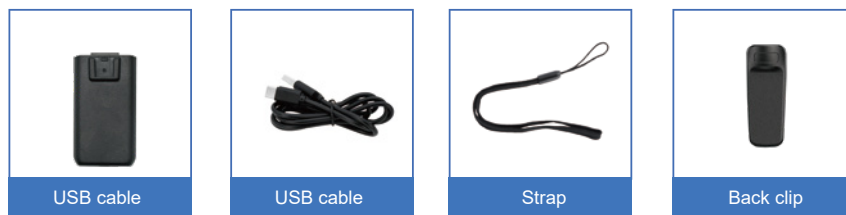
Receiver	
Digital Sensitivity	0.25 uV (5% BER)
Analog Sensitivity	0.25 uV (12 dB SINAD)
Intermodulation	60dB
Adjacent Channel Selectivity	60dB
Spurious Suppression	60dB
FM Noise	-40dB
Frequency Response	+1/-3dB
Rated Audio Output Power	0.25W
Max Audio Output Power	0.8W
Rated Audio Distortion	3%
Conducted Radiation	-57dBm

Environmental	
Operation Temperature	-20℃~+60℃
Storage Temperature	-30℃~+85℃

Note: The above specification is tested by the trial standard. Due to the continuous development of technology, the data provided are for reference only.

ACCESSORIES

Standard Accessories



Optional Accessories



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