

YANTON®
PROFESSIONAL FM TRANSCEIVER



IP67 waterproof
(optional)



TYPE-C



Flashlight
Function

DM-369

Digital Encryption AES 256

- 136-174MHz or 400-480MHz
- 1024Channels
- Alarm Function
- Scan Function
- Wide/Narrow bandwidth Selection
- Digital Contacts (All call & Group call & Single call)
- High/Low Power Switch
- Noise Cancelling
- CTCSS/DCS
- Digital Encryption AES256
- Side key Function
- DTMF/Remote Kill,Stun,Activate & Revive
- Talk Around
- MAN DOWN
- IP67 waterproof (optional)
- Chinese/English Voice prompt
- Duplex Repeater Function

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GENERAL

Frequency Range	136-174MHz/360MHz-480MHz
Operating Temperature	-30°C ~ +60°C
Storage Temperature	-40°C ~ +85°C
Channel spacing	Analog: 12.5/25/50kHz Digital: 12.5kHz
Battery life	About 15/20 hours according to 5-5-90 duty cycle
Memory Channel	1024ch
Working voltage	7.2V DC ± 10%
Antenna Impedance	50Ω
Frequency Stability	±2.5ppm
Dimensions	116*51*28mm (without antenna)
Weight	265g

RECEIVE PART

Analog sensitivity	0.30uA/-115dBm(20dB SINAD) 0.25uA/-120dBm
Digital sensitivity	0.3uA/-117dBm(BER 5%) 0.7uA/-110dBm(BER 1%)
Channel spacing	12.5kHz
Frequency stability	±1.5ppm
Intermodulation	TIA603C:55dB ETSI:65dB
Adjacent channel selectivity	TIA603C:60dB @ 12.5kHz ETSI:65dB @ 12.5kHz
Common channel suppression	120dB @ 12.5kHz
Spurious response suppression	TIA603C:70dB ETSI:75dB MNL:70dB @ 12.5kHz
RF RX radiation	<-57dBm @ 1GHz >-45dBm @ 1GHz
Blocking	84dB
Rated audio power	1W
Audio response	+1dB-3dB
Rated audio distortion	< 3%

TRANSMIT PART

RF power	VHF: 5W/4.1W/3W, UHF: 5W/4.1W/3W
4FSK Digital Modulate Mode	12.5kHz: 7W/3W(Data Only)/12.5kHz: 7W/3W(Voice & Data)
Frequency stability	±1.5ppm
Frequency modulation noise	<-80dB @ 12.5kHz
RF radiation	<-30dBm @ 1GHz >-30dBm @ 1GHz
FM modulation mode	12.5kHz: 11F3F3E
Modulation limitation	2.5kHz @ 12.5kHz
Audio response	+1dB-3dB
Rated audio distortion	< 3%
Digital protocol	ETSI/TS102061-1, 2, 3
Vocoder	CTCSS

PACKING LIST



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