

radtel

DMR+ANALOG DUAL MODE RADIO

DMR Digital + Analog Handheld Radio

RT-4D



RT-4D

AMATEUR RADIO MULTIPLE ADVANTAGES

CMIITID:2023FP9049



Digital/Analog Mode
Switching Freely



Clear Voice Transfer
Noise Reduction



Large Battery Capacity
Lasting Long



Type-C Charging
Multiple Choices



Privacy Decoding
Quick matching



Anti-shock/Anti-fall
Durable

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SINGLE/GROUP/ALL CALL MULTIPLE CALLING CHOICES

Single call group call group call communication
function can be set according to their own needs

RT-4D



SINGLE CALL

Add Friend. Call Alone



GROUP CALL

Create Calling Group for All Member



ALL CALL

Up to 500 Contacts



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ONE-CLICK DETECTING REMOTE SUB-TONE DECODING

Quick Matching, Quick Decoding

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2 TIME-SLOT DIGITAL/ANALOG SIGNAL COMPATIBLE

High/Low Power Switching & Strong Penetration

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FM RADIO RECEIVE NEWS

Enjoy Your Communication & Amusement

RT-4D



PRODUCTION DISPLAY



RADTEL RT-4D DMR Digital + Analog Handheld Amateur Radio

Main Features:

● Dual band radio / NOAA / FM / Air Band RX	● Definalbe keys
● Startup Password	● Dual Standby
● Definable Device Name(send the name at the end of calling)	● One-click Privacy Decode(Analog Mode)
● Customized Startup Logo / Greetings	● Local / Remote Alarm
● Voice Prompt	DMR Functions:
● 1024+2*VFO Channel, 250 Zones Supported	● 2000 Digital Contact List
● Talk Around and Reverse Frequency	● 256 Receiving Group List
● High / Low Power Switching	● USB Type C Charge Interface
● TOT / VOX / Scanning / Monitor	● SMS
● Editable Channel Name	● Stun / Kill / Activation
● Timed Lock & Auto-lock	● Remote Monitor
● DTMF Setting (Analog Mode)	● 112 × 61 × 38 about 198g

Specifications:

RX	FM radio : 64-108MHz
	AM Aviation Frequency Band : 108-136MHz
	Receive Frequency : 136-174MHz 400-470MHz
TX	Frequency Range : 144-148MHz 430-440MHz
Working voltage	7.4V DC
Working temperature	-20°C ~ +60°C
Dimension	112 X 61 X 38MM about 198g
Working Mode	Same frequency simplex,different frequency simplex
Channel storage	1024 Channels +2*VFO channels
Frequency Stability	±2.5ppm
Antenna Impedence	50 Ω
Channel spacing	Analog:25kHz/12.5kHz Digital:12.5K
Modulation Type	FM Analog: 16K0F3E@25KHz 11K0F3E@12.5KHz
	Digital 4FSK: 7K60FXE@12.5KHz
Maximum Frequency Deviation	≤± 5KHz(W), < 2.5KHz(N)
SNR (W/N)	-45dB/ -40dB
TX Current	≤1500mA
TX RF Power	5W
Modulation distortion	< 5%
Receiving Sensitivity	0.22μV/ 0.25μV 12dB SINAD
Audio Power	≤1W (16Ω)
Audio distortion	< 5%
Inter modulation (W/N)	65dB/ 60dB
Standby current	≤350mA
RX Current	≤70mA
Battery Capacity	3500mAh