

RT-5D DMR radio



Radio Features – English

1. Frequency: 136-174mhz/400-520mhz TX/RX (digital mode)
2. Frequency: 136-174mhz/400-470/350-390mhz /470-520MHZ TX/RX (Analog mode)
3. 65-108mhz (FM broadcast RX)
4. 108-136MHZ(AM air band RX)
5. 350-390MHZ RX.
6. DMR dual slot with AMBE+2 voice encoder,AES128/256 Encryption
7. 16Mb memory chip. (25Q128)
8. Channel numbers: $16\text{zone} \times 64 = 1024$
9. 32TG group, 4000 contacts
10. 200,000 global contacts.
11. Output power 10w @ 145/435MHZ, 5W@470-520mHZ , 2W @ 350-390mhz.
12. Operating Modes: Frequency mode, Channel mode, Channel name mode
13. Color LCD display
14. Digital-Tuned FM Radio
15. Dual Watch (Dual Frequency Standby)
16. 50 Standard CTCSS (supports non-standard subtones), 105 DCS
17. Separate TX and RX Subtone Settings

18. Transmit Time-Out Timer (TOT)
19. Voice Encryption (Frequency Hopping Function)
20. 9-Step Frequency Steps: 2.5 kHz, 5 kHz, 6.25 kHz, 8.33 kHz, 10 kHz, 12.5 kHz, 20 kHz, 25 kHz, 50 kHz
21. Power-Saving Mode
22. Supports Reverse Frequency and Talk-Around (Off-Network) Mode
23. VOX (Voice-Activated Transmission)
24. Busy Channel Lockout (BCLO)
25. Low Battery Alert, Battery Voltage Display, High/Low Voltage TX Inhibit
26. Automatic Backlight
27. Three Channel Display Modes: Frequency, Channel Number, Channel Name
28. Three Scan Modes: Time, Carrier, Search
29. Selectable Offset Direction in Frequency Mode
30. Selectable Offset Frequency from 0 to 99.9995 MHz in Frequency Mode
31. Channel Parameters Can Be Edited and Stored in Frequency Mode
32. 64 Channels × 16 Zones
33. Emergency Alarm
34. Frequency Scan & CTCSS/DCS Decode Cracking, Remote Subtone Scan
35. Scrambler Function
36. Manual Dialing (Private Call) Function
37. All Call, Group Call, Private Call; Call Alert, Remote Monitoring
38. Call Alert and Remote Monitoring Functions
39. Chinese & English Display, Chinese & English Input Methods, Text Messaging
40. NOAA Weather Forecast
41. Supports Custom Power-On and Power-Off Screens