

DMR
DMR dual time slot

DMR
Digital Mobile Radio



MD-430

DMR Digital two-way radio

- Complying with digital protocol ETSI TS 102 306-1, -2, -3
- Compatible with Mototrbo Tier I & II
- Wide/narrow bandwidth selectable
- Repeater/talk around
- 1750Hz tone

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MD-430 Use Time-Division Multiple-Access (TDMA) digital function

Main Functions

- Complying with digital protocol ETSI TS 102 306-1, -2, -3
- Compatible with Motorola Tier I & II
- DMR dual time slot
- Encryption
- Emergency call
- Repeater/talk around
- Monitor
- Contact/message/call log check
- Remote kill/activate
- CTCSS/DCS
- Wide/narrow bandwidth selectable
- End tone detection
- Tx Exit Tone
- 1750Hz tone
- VOX
- Scan
- Busy channel lock
- Programmable sidekeys
- Program password
- Updated software available for new features
- Pocket Size Design Digital Migration Radio
- Four programmed buttons
- Micro USB port for easy charging and programming

General

Frequency range	136-174MHz 400-470MHz	Power	High:2W low:0.5W
Channel	1024 Channels	Frequency stability	±1.0PPM
Channel spacing	12.5KHZ	Adjacent Ch. power	±0db
Working voltage	4.0V	Prog time slot power	TDMA ≤-57dbm
Working temperature	-10°C~+85°C	FM modulation mode	12.5KHZ-11K0F3E
Antenna impedance	50Ω	Modulation deviation	2.5KHZ: @12.5KHZ
Audio power	≈ 1000mW@160	Stable time slot power	-57dbm
Dimension	115*50*32MM	Digital protocol	ETSI TS 102 361-1-2-3
		Modulation type	AMBE+2TM
		Modulation BER(bit error rate)	≤5%
		4FSK digital mode	12.5KHZ(data only):7K60FXD 12.5KHZ(data + voice):7K60EXE

Transmitter

Analog sensibility	0.35μV/-116dbm(20DB SINAD) 0.22μV/-120dbm(1type)
Digital sensibility	0.3μV/-117.4dbm(BER 5%) 0.7μV/-110dbm(BER 1%)
Co-channel rejection	≥-12 db
Adjacent channel selectivity	TIA603C:65Db ETSI:60dB
Spurious response	TIA603C:75Db ETSI:70dB
Audio power	1W
Audio distortion	≠3% (Type)
Audio response	≠1~3dB

Receiver

Standard Accessories



Application scope:

Tourism, entertainment, restaurant, hotel, shopping hall Government, Police, public security



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