

danita[®]

Commercial digital / analog radio

DMR
DIGITAL MOBILE RADIO ASSOCIATION



Super record time
up to **200** hours.



HP-500

Roaming

Built-in antenna

Ultra-slim design

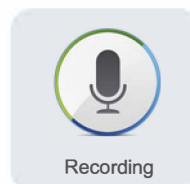
Type-C / USB connector



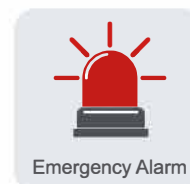
Digital / Analogue
Mode Switchable



Digital Voice
Encryption



Recording



Emergency Alarm

Technical parameters

General specification

Items	UHF
Frequency	446MHz
Channel Zone	16
Channel Capacity	4000 (250 Channels / Zone)
Antenna impedance	50Ω
Dimension(H*W*D)	92x56x28mm
Weight (W/battery)	128g
Li-pol battery	2200mAh
Rated Voltage	DC: 3.7V
Battery: The average battery life under 5/5/90 duty cycle, and using carrier squelch and TX high power 2200MAH li-pol battery Analogue: 10.6hours / Digital: 14.3hours	

Note: The battery working life may have little difference.
 Battery capacity maybe change without notice, but the list is standard specification.

Receiver

Items	UHF
Frequency	446MHz
Channel Spacing	12.5kHz/25kHz
Frequency stability (-20℃, +60℃, +25℃)	+/-1.5ppm
Analogue sensitivity	0.3μV / 0.25μV
Digital sensitivity(5% BER)	0.25μV / 0.2μV
Intermodulation	65dB
Adjacent channel selectivity	60dB@12.5kHz / 65dB@25kHz
Spurious rejection	65dB
Rated audio	500mw
Audio distortion @rated audio	3%
FM hum & noise	-40dB@12.5kHz / -45dB@25kHz
Audio response	+1, -3dB
Conducted / radiated emission	-57dBm

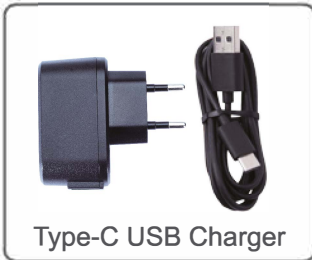
Transmitter

Items	UHF
Frequency	446MHz
Channel Spacing	12.5kHz/25kHz
Frequency stability (-30℃, +60℃, +25℃)	+/-1.5ppm
Low Power	0.5W
High power	2W
Modulation restriction	±2.5dB@12.5kHz / ±5.0dB@25kHz
FM hum& noise	-40dB@12.5kHz / -45dB@25kHz
Conducted/radiated emission	-36dBm < 1GHz / -30dBm > 1GHz
Adjacent channel selectivity	-60dB@12.5kHz / -65dB@25kHz
Audio Response	+1, -3dB
Audio Distortion	3%
FM modulation	12.5kHz :11KOF3E 25kHz :16KOF3E
4FSK digital modulation	12.5kHz data: 7K60F1D and 7K60FXD 12.5kHz audio: 7K60F1E and 7K60FXE 12.5kHz data and audio: 7K60F1W
Digital vocoder	AMBE+2™
Digital agreement	ETSI-TS102 361-1, -2, -3

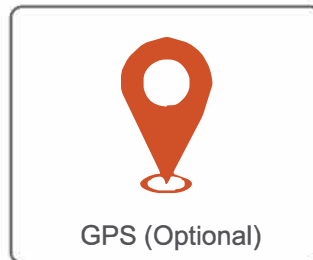
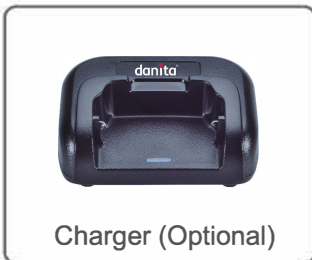
Main Fratures:

- Private Call
- Group Call
- All Call
- Scan
- Kill
- Revive
- Battery Save Mode
- One-touch Call
- Remote Monitor
- Call Alert
- Records for 200 hours
- Prompt Tone On/Off
- Low Power Voice/Icon Prompt
- Support Voice Prompt for Channel Switching or Function-Option
- Three Programmable Buttons on Front Housing
- Two Programmable Buttons for long pressing are available on the side.

Accessories:



Optional:



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