

Technical parameters

General specification

Items	UHF	VHF
Frequency	400-480MHz	136-174MHz
Channel Zone	16	
Channel Capacity	4000 (250 Channels / Zone)	
Antenna impedance	50Ω	
Dimension(H*W*D)	125x60x39mm	
Weight (W/battery)	317g	
Li-pol battery	3000mm	
Rated Voltage	DC: 7.4V	
Battery: The average battery life under 5/5/90 duty cycle, and using carrier squelch and TX high power 3000mAh li-pol battery Analogue: 15hours / Digital: 23hours		

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

Receiver

Items	UHF	VHF
Frequency	400-480MHz	136-174MHz
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	VHF
Frequency	400-480MHz	136-174MHz
Channel Spacing	12.5kHz/25kHz	
Frequency stability (-30℃, +60℃, +25℃)	±1.5ppm	
Low Power	1W	2W
High power	4.5W	5W
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 77K60FXE 12.5kHz data and audio: 77K60F1W	
Digital vocoder	AMBE+2™	
Digital agreement	ETSI-TS102 361-1 ~ -2, -3	

Main Features:

- 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
- Two Programmable Buttons for long pressing are available on the side.

Accessories:



Optional:



Fujian New Century Communications Co., Ltd

Add: No.1 Fengshou Road, Zhaofeng Industrial District,
Quanzhou City, Fujian Province,China.

Tel: (86) 595 - 22899399 22883777 22882777

Fax: (86) 595 - 22887666

Hotline: 400-6525-399

E-mail: kyd10@cnkyd.com

Http:// www.Century-comm.Com

www.Kydera.Com

Kydera®

VHF / UHF Dual Band DMR radio

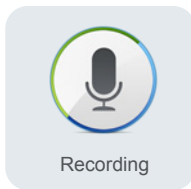


Super record time
up to **200** hours.



DR-880UV

- ◆ Dual Band, Dual Standby and Dual Receive
- ◆ Dual Modes Analog & DMR
- ◆ 2 Time Slot



Matte Texture & Slim design

Adopting ergonomic design with affluent lines ensure a comfortable hand feeling and easy operation.



Crystal clear sound

Built-in 36mm diameter large speaker, and utilizing advanced voice processing technology to ensure a crystal sound even in a noisy environment.



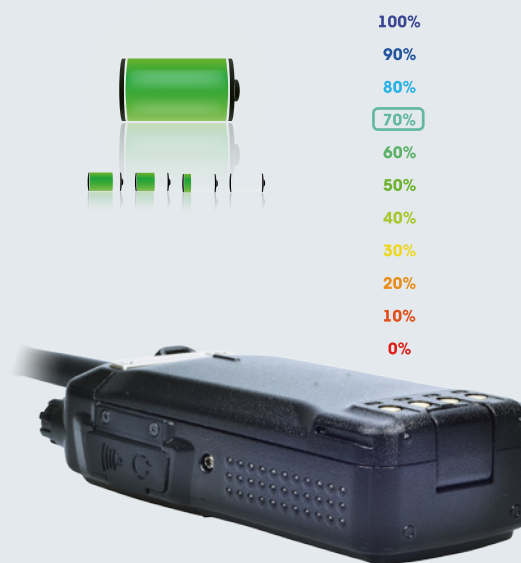
Digital and analogue switchable

Supporting analogue and digital modes which ensure a smooth transition from analogue to digital. Be capable of several applications, and using channel knob to switch between digital and analogue modes.



Super high battery capacity

Utilizing polymer lithium battery technology, the capacity up to 3000mAh ensuring a super standby time. The built-in battery protection chip and stronger battery life make users more satisfied.



Contact plates / Contacts

The contact plates/contacts are made of 18K gold plating process to ensure the walkie talkie life and prevent the product from oxidizing and rusting after a long time of use.



Kydera new generation DMR radio DR-880UV, it integrated brand new features, and be capable of all advanced digital technology features. It utilizes TDMA technology to attain double call capacity on a permitted frequency. Low noise, crystal clear sound, as well as confidential communication from advanced voice encoder technology, greatly improves working efficiency. It supports both digital analogue working modes.

Features:

- ◆ True-2-slot: Provide 2-slot communication which allows for 2 talk paths on a frequency; comply with MotoTrbo Tier I&II.
 - ◆ Support both digital and analogue modes, fantastic digital operation, and secure the smooth transition from analogue to digital, and improve the radio utilization.
 - ◆ To adopt the TFT color display, convenient operation.
 - ◆ Be capable of definable keys to convenient for accessing common fucntions.
 - ◆ Be with TFT color display interface and visible icon display.
- Humanized menu operation make the operation and read more comfortable and convenient.
- ◆ Support up to 4000 channels to cater to different communication demands. (Total 16 zones, 250 channels per zone.)
 - ◆ Support to set menu operation on or off via software to convenient for task and application management.
 - ◆ Using 3000MAh polymer lithium battery to secure longer working time.

Applicable Occasion:

Be suitable for commerce, manufacturing, rail way, airport, shopping malls, security, entertainment venues, construction sites, property managements and other industries.

