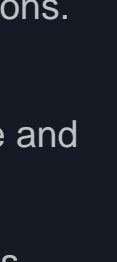
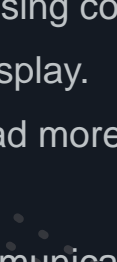
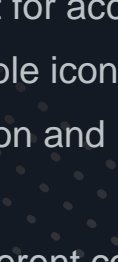
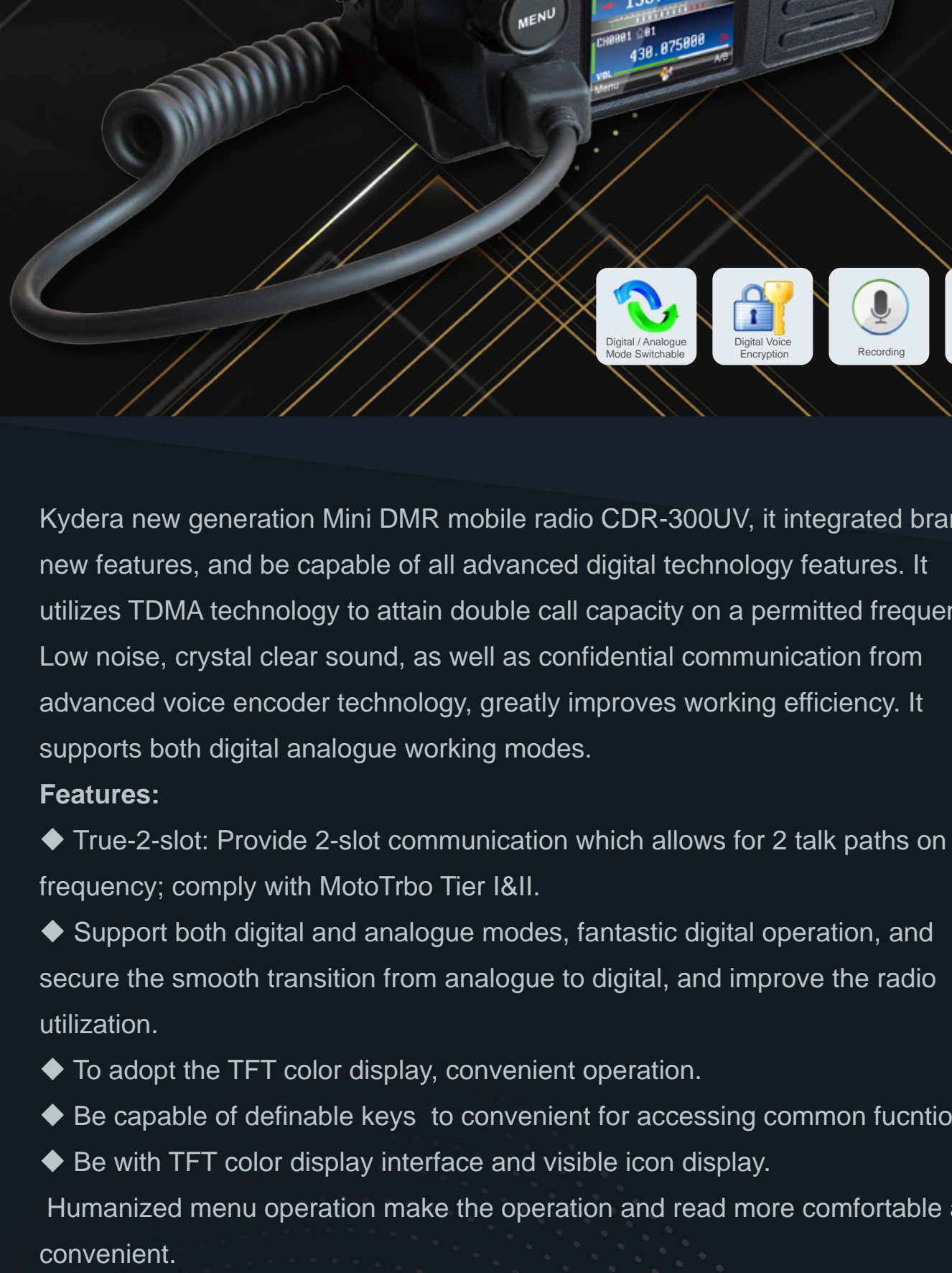


CDR-300UV

Extremely long recording time up to **200** hours

◆ Dual band, duan standby ◆ Dual mode (digital & analogue) ◆ True 2-time slot

Brand new mini digital/analogue vehicle radio



Kydera new generation Mini DMR mobile radio CDR-300UV, 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 functions.
- ◆ 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.
- ◆ Excellent voice clarity with digital voice correction technology (AMBE+2™). It can provide clearer voice quality than analog walkie-talkies in all kinds of use environments.

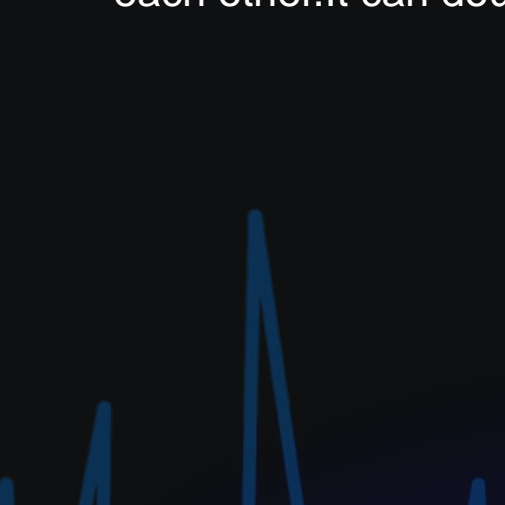
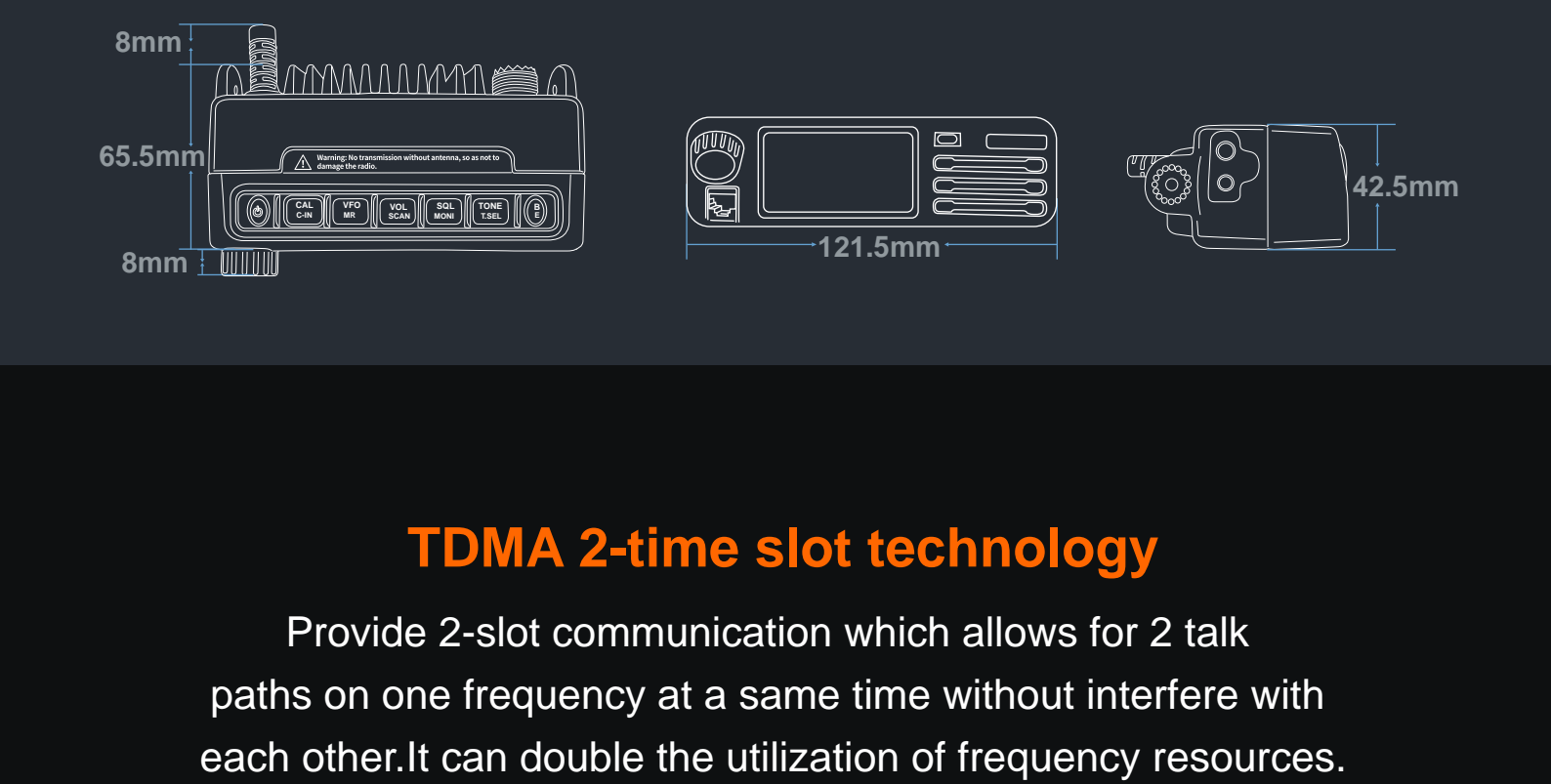
Small size, High power, Strong performance

Ultra-small size, high power up to 20watts

Light and easy to carry, simple installation

Wide range of reception, strong penetration

Cater to a variety of industries, such as taxi fleets, self-driving travel enthusiasts, radio enthusiasts, public security/armed police/fire, etc.



TDMA 2-time slot technology

Provide 2-slot communication which allows for 2 talk paths on one frequency at a same time without interfere with each other. It can double the utilization of frequency resources.



Recording function

Keep a detailed record of each call

For some environments, the content of each call is extremely important. For example, clear accountability communication, important event/activity review etc, recordings can be wonderful and important material.



4000 editable channel capacity

4000 channels can be allocated and used according to the demand.

A large number of channels are convenient for many members to use the number of channels freely, which makes the communication of the whole intercom system more convenient and fast.

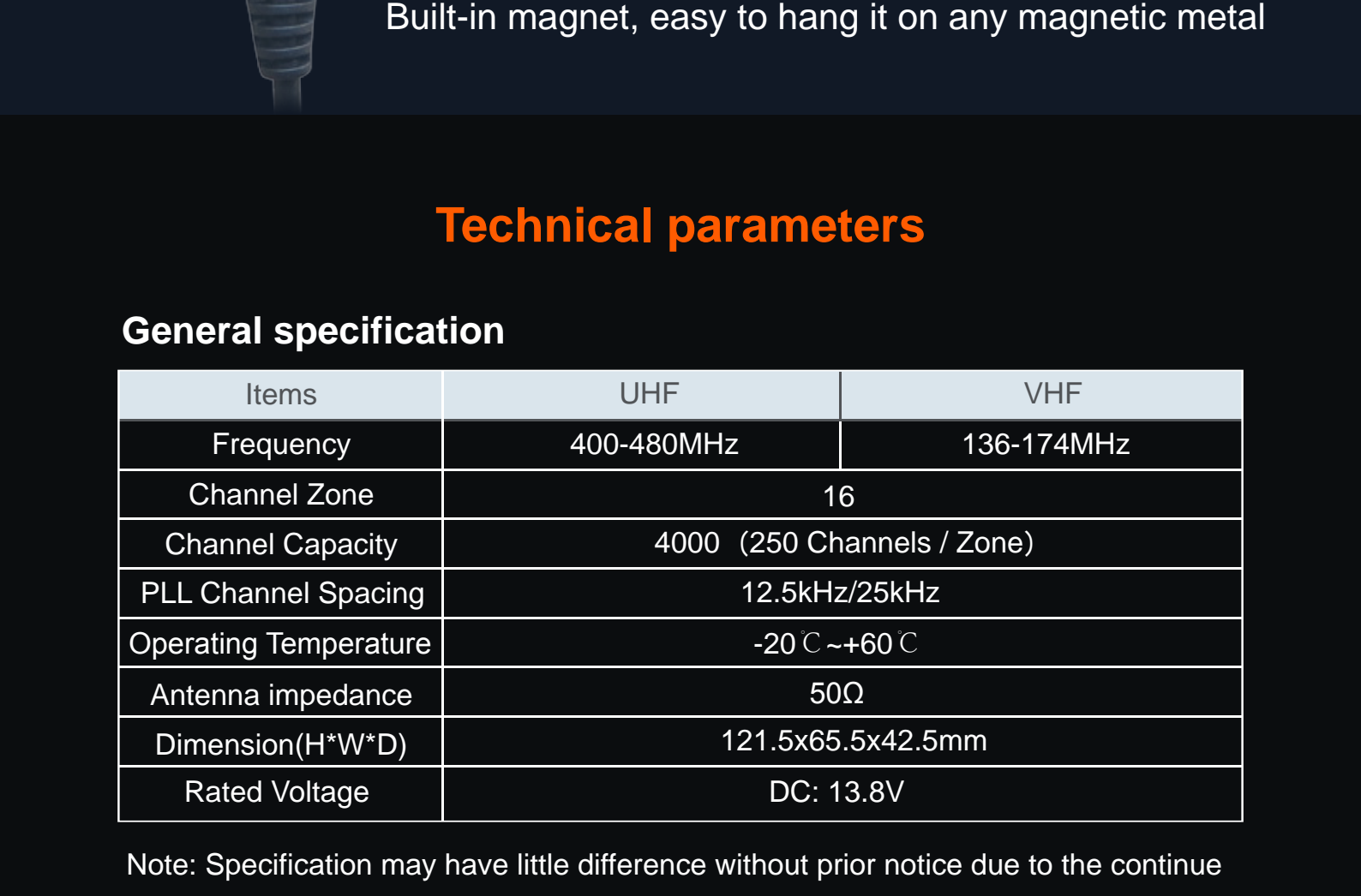


Matched speaker microphone

Microphone is more in line with the operating habits

High-quality speaker and classic sound hole design to ensure clear and loud audio

Plenty of buttons make the operation simpler and faster



Built-in magnet, easy to hang it on any magnetic metal

Technical parameters

General specification

Items	UHF	VHF
Frequency	400-480MHz	136-174MHz
Channel Zone	16	
Channel Capacity	4000 (250 Channels / Zone)	
PLL Channel Spacing	12.5kHz/25kHz	
Operating Temperature	-20℃ ~ +60℃	
Antenna impedance	50Ω	
Dimension(H*W*D)	121.5x65.5x42.5mm	
Rated Voltage	DC: 13.8V	

Note: Specification may have little difference without prior notice due to the continue technology updated.

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	10W	10W
High power	20W	20W
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: 7K60F1W	
Digital vocoder	AMBE+2™	
Digital agreement	ETSI-TS102 361-1, -2, -3	

Main Features:

- Private Call
- Group call
- All Call
- Scan
- Remote Kill
- Remote revive
- Repeater/ talkaround mode
- MSG
- Call log
- Voice encryption
- Repeater roaming
- Emergency alarm
- GPS (optional)
- DTMF (Optional)
- Power save mode
- Remote monitor
- Call alert
- 200-hour record time
- Prompt tone On / Off
- Support voice prompt for channel switching or function-option