



# DP275

## Business DMR Portable Radio

A new generation of business radios, the entry level DP275 is compact, lightweight, and deliver loud and clear audio that allows you to hear and be heard in background noise. With it's innovative design, the DP275 has better performance than analogue radios. It is designed to offer stable communication while remaining cost-effective, making it suitable for everyday business communication.



# KEY FEATURES

- One-key Frequency Programming**  
Support one-key frequency matching and one-key copy functions, saying goodbye to the traditional programming frequency of the computer.
- Type-C USB Charging**  
Using Type-C USB charging allows you to charge the radio anywhere. And it only takes 3 hours to fully charge, saying goodbye to long charging time.
- Loud and Clear Audio**  
Built-in 2W high-power loudspeaker to deliver loud and clear audio.
- Easy to Operate**  
The frosted texture and anti slip shell design make it easy for users to operate with one hand.

- Transmission Time-limited**  
Transmission time-limited protection to avoid damaging the machine for too long continuous transmission, thereby extending the service life of the machine.
- Low Voltage Prohibited Transmission**  
Support low voltage prohibited transmission. When the battery voltage is too low, the red indicator light flashes and emits a "beep beep" warning sound, while prohibiting transmission.
- Power Saving Mode**  
Support battery power saving function. When the radio enters power saving mode, the working time is longer.
- Analog and Digital Mode**  
Our digital licence-free devices also operate on analogue, to ease migration of devices to digital radio technology.

# SPECIFICATIONS

General	
Frequency Range	UHF: 400-470MHz
Channel Capacity	16
Channel Spacing	12.5KHz/25KHz
Operating Voltage	7.5V DC±20%
Operating Temperature	-20°C ~ +60°C
Battery Capacity	1400mAh
Dimension H*W*D(mm)	116*60*34mm
Weight(with battery and antenna)	≤216g
Battery Life (5-5-90 Duty Cycle)	10 Hours
Frequency Stability	±1.5ppm

Transmitter	
Power Output	4W
FM Hum and Noise	≥40dB@12.5kHz; ≥45dB@25kHz
Frequency Deviation	≤5kHz@25kHz; ≤2.5kHz@12.5kHz
Audio Distortion	≤3 %
Audio Response	+1 ~ -3dB

Receiver	
Sensitivity	-121dBm
Intermodulation	≥65dB@12.5/20/25kHz
Adjacent Channel Selectivity	≥60dB@12.5kHz; ≥70dB@25kHz
Max. Audio Power	2W
Rated Audio Power	≤3%
Hum and Noise	≥40dB@12.5kHz; ≥45dB@25kHz
Conducted Spurious Emission	< -57dBm

# ACCESSORIES



# SCENARIOS

