DP405

DMR Portable Radio

Easy to carry with stylish design
Cost-effective with good quality
Dual mode (analog & digital) for smooth migration
DMO 2-slot increases call capacity
User-defined voice annunciation



DP405 DMR Portable Radio

KEY FEATURES AND BENEFITS

• Self-defined Voice Annunciation

The user can directly download voice annunciation of different languages and also zone alert tone to the radio through the PC software based on the actual needs. After powering on, the voice annunciation will automatically switch to the local language.

• Compact Size with Clear and Loud Voice

The application of 1W high-power loudspeaker and the technology of advanced digital voice encoding as well as forward error correction make it possible for the user to hear clear and loud voice even in the noisy environment.

• Improved Call Capacity with DMO 2-slot.

The feature of DMO 2-slot realizes two group calls on the same frequency at the same time in Direct Mode. The call capacity can be increased without having to apply for additional frequency, thus greatly helping the user to save the cost.

• Smooth Transition and Compatibility with Both Analog and Digital Mode

It supports both digital and analog mode, so the user can go on using the existing analog radio to talk to DP405.

• Longer Operation Duration

TDMA technology and power-saving feature enable the battery to work longer. DP405 with standard 2000mAH battery can perform for 16 hours to meet the user's demands on longer operation.

• ARC 40-bit Encryption Guarantees Safe Communication

It supports ARC 40-bit encryption, which guarantees communication safety and prevent from being eavesdropped.

• Various Digital Signaling

It supports features such as Radio Check, Call Alert, Stun/Revive, Radio Kill, and Remote Monitor, which make radio management easy.

• Emergency call, Lone Worker and Man Down (optional).

It supports features including Emergency Call, Lone Worker and Man Down to guarantee user's safety at all times.

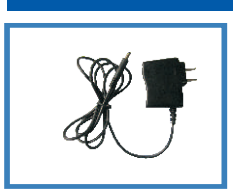
SPECIFICATIONS

General	
Frequency Range	136-174MHz, 350-400MHz 400-470MHz
Channel Capacity	256
Zone Capacity	16
Channel Spacing	25KHz/12.5KHz(Analog) 12.5KHz(Digital)
Operating Temperature	-30℃～ +60℃
Operating Voltage	7.5V DC ±20%
Battery	2000mAH Li-ion
Dimension (with battery, without antenna)	116mm*54mm*31mm
Weight (with battery and antenna)	275g

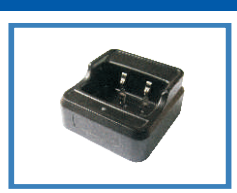
Transmitter	
RF Power Output	5W/1W(VHF) 4W/1W(UHF)
Frequency Stability	±1.5 ppm
Frequency Modulation	16K F3E/11K F3E(Analog) 4FSK(Digital)
Antenna Impedance	50
Modulation Limiting	±2.5KHz @12.5KHz, ±5KHz@25kHz
Radiated Spurious Emission	-36dBm < 1GHz, -30dBm > 1GHz
Adjacent Channel Power	60dB@12.5KHz, 70dB@25KHz
FM Noise	40dB@12.5KHz, 45dB@25KHz
Modulation Distortion	≤3%
Audio Response	+1～-3dB
Digital Protocol	ETSI TS 102 361-1,-2,-3
Digital Vocoder Type	ABME+2 ™

Receiver	
Frequency Stability	±1.5 ppm
Sensitivity	0.25μv@12dB SINAD, -119dBm@5%BER
Adjacent Channel Selectivity	-60dB@12.5KHz,-70dB@25KHz
Intermodulation	-65dB
Spurious Response Rejection	70dB
Rated Audio Output	1W@16
Hum and Noise	-40dB@12.5KHz,-45dB@25KHz
Rated Audio Distortion	≤3% (typically)
Audio Response	+1～-3dB
Conducted Spurious Emission	-57dBm@<1GHz, -47dBm@>1GHz
block	84dB

STANDARD ACCESSORIES



Adapter



KBC-760



KB-760B



KBJ-17



Antenna



KGS-03

Kirisun Communications Co.,Ltd.

ISO9001: 2008 Accredited Designer & Manufacturer

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