



FP430

KIPRO PORTABLE RADIO

KIPRO digital series enhances the spectrum efficiency both in direct and repeater mode. It delivers the most affordable digital solution for business customers.

- ★ Simple but Smart Design for Easy Operation
- ★ Self-regulation Channel for Smooth Migration at Your Own Pace
- ★ Versatile Calls, Wide Communication Coverage for Better Management Efficiency



Kirisun KIPRO Solution
Cost-effective design for your convenience

FP430 KIPRO PORTABLE RADIO

KEY FEATURES AND BENEFITS

• Compact Size and Simple Operation

Compact size and light weight allow FP430 easy to carry.

• High Spectrum Efficiency

Create two offset 6.25kHz channels in a 12.5kHz spacing which enhances spectral efficiency and helps you to save money about purchasing the frequency.

• Superior Voice and Audio

With digital error-correction technology and 1W speaker, FP430 ensures superior voice even in noise environment or at the edge of coverage area.

• Enhanced Call Management

It provides versatile encode calls, including push-to-talk ID, emergency, group call, and all kinds of decode calls, including radio check, kill and unkill.

• Safe Communication

It utilizes 128-bit encryption technology in digital mode which ensures the privacy of the communication.

• Dual Modes of Analog & Digital

By changing the channel setting, FP430 can be used in analog or digital mode. Being analog/digital compatible, FP430 allows any businessman or private user to enjoy digital quality as well as being relieved from congested spectrum. Mixed mode (Future) allows a flexible combination of analog/digital TX and RX on one channel.

• Scan

FP430 supports scanning of pure analog voice and CTC/DCS signaling, pure digital voice and data, and also mixed mode that comprises analog and digital activities

• Upgradable Software

With this function, you can enjoy further features without buying a new machine.

FP430 SPECIFICATIONS

General Specifications

Frequency Range	400~470MHz, 136~174MHz
Channel Capacity	16
Channel Spacing	12.5KHz(Analog), 12.5/6.25KHz(Digital)
Operating Temperature	-25°C~+55°C
Operating Voltage	7.5V DC±20%
Battery	1500mAh Li-ion
Frequency Stability	±2.5 ppm
Dimension (with battery and antenna)	116mm x54mmx30mm
Weight (with battery and antenna)	243g

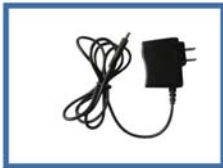
Transmitter

RF Power Output	4W/1W
Frequency Modulation	16KφF3E/11KφF3E (Analog), 4FSK(Digital)
Antenna Impedance	50Ω
Modulation Limiting	±2.5kHz
Radiated Spurious Emission	-36dBm < 1GHz, -30dBm > 1GHz
FM Noise	45dB@25KHz, 40dB@12.5KHz
Modulation Distortion	<3%

Receiver

Reference Sensitivity	0.25 μV
Adjacent Channel Selectivity	60dB
Intermodulation	60dB
Spurious Response Rejection	60dB
Rated Audio Output	1W
S/N	45/40
Rated Audio Distortion	≤3%

STANDARD ACCESSORIES



KTC-31C1



KBC-D4



KB-D415



KBJ-D4



Antenna



KGS-03



Kirisun Communications Co.,Ltd.

FC CE ISO9001: 2008 Accredited Designer & Manufacturer

ADD:3-6Firs, ROBETA Building, No.1,Qimin Road, Song Pingshan Area, Science & Industry Park, Nanshan District.

Pc : 518057

Tel: +86-755-86096388

Fax: +86-755-86096018

Http: //www.kirisun.com

For more information, please contact:



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