PT 6500

Professional Two-Way Radio

PT6500, a professional radio with LCD, full keypad and enhanced signaling features, offers you visible operation and protected communication privacy.

Mutiple Signaling and Flexible Selective Call
Versatile Scanning Features
Audio Compander
Remote Kill/Stun/Activate/Revive
Lone Worker

IP54

Dependable in Critical Communication

PT6500 PROFESSIONAL PORTABLE RADIO

KEY FEATURES

• Multiple Signaling and Flexible Selective Call

Use built-in CTCSS, DCS, DTMF, 2-Tone, MDC and 5-Tone capability to set up talk groups and quiet stand-by when others are talking. Special tone code for group and individual calls, and more features are available to support flexible, perfect selective calling operations.

• Versatile Scanning Features

PT6500 series offers both standard and Priority Scan modes. Call Back allows immediate response to a received call without manually searching or changing channels.

• Audio Compander

Built-in audio compander compresses the audio before transmitting and expanding it to the receiver side. As a result, the SINAD ratio improves to provide clear audio.

• Remote Kill/Stun/Activate/Revive

If the radio is killed or stunned, all attempts on operation by users, except power on/off will be ignored. The radio will be activated or revived only when it receives the correct code.

• Lone Worker

The radio enters emergency mode if the user does not respond to a warning call (Lone Worker) , adding security and safety for individuals who work remotely and lonly.

• Dust and Rain Resistant

Built tough to take rough treatment, PT6500 meets IP54 standard and MIL-STD 810 C/D/E/F environmental standards.

• GPS (Optional)

GPS function supported by control center and management software, allows uses to be located instantly, either to dispatch among groups or to locate an emergency call. Allowing more efficient use of resources or positioning location in life-threatening situations.

PT6500 SPECIFICATIONS

General	
Frequency Range	136～174MHz, 400～470MHz 350～400MHz, 450～520MHz
Channel Capacity	128
Channel Spacing	12.5KHz/20KHz/25KHz
Operating Temperature	-30℃～+60℃
Operating Voltage	7.5V DC ±20%
Battery	1700mAh Li-poly(Standard) 2000mAh Li-poly(Optional)
Frequency Stability	±2.5 ppm
Dimension(with battery and antenna)	56mmx120mmx35mm
Weight(with battery and antenna)	310g

Transmitter	
RF Power Output	4W/2W/0.5W(UHF), 5W/2W/0.5W(VHF)
Frequency Modulation	16KφF3E/11KφF3E
Antenna Impedance	50Ω
Modulation Limiting	±2.5KHz@12.5KHz, ±4KHz@20KHz ±5KHz@25KHz
Radiated Spurious Emission	-36dBm<1GHz, -30dBm>1GHz
FM Noise	40dB@20/25KHz, 35dB@12.5KHz
Modulation Distortion	<3%

Receiver	
Reference Sensitivity	0.28μV@12.5KHz 0.25μV@20/25KHz typical
Adjacent channel Selectivity	60dB@12.5KHz, 70dB@20/25KHz
Intermodulation	65dB
Spurious Response Rejection	70dB
Rated Audio Output	1W
S/N	40/35
Rated Audio Distortion	≤3%

NOTICE:Kirisun reserves the right to change any specifications without warning due to the technology improvement. For more information, please visit www.kirisun.com or contact marketing.os@szkirisun.com

STANDARD ACCESSORIES

KTC-50C1

KBC-60Q

KB-36C

KGS-03

KBJ-04

Antenna

KIRISUN

FC CE ⓘ ISO9001：2008 Accredited Designer & Manufacturer

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