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.

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

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 Comander**
  Built-in audio comander 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 alone.

- **Dust and Rain Resistant**
  Built tough to 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 users 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°C → +60°C
- 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: 16KpF3E/11KpF3E
- Antenna Impedance: 50Ω
- Modulation Limiting: ±2.5kHz@12.5kHz, ±4kHz@20kHz
- Radiated Spurious Emission: ±5kHz@25kHz
- FM Noise: -36dBm@1kHz, -30dBm@1kHz
- Modulation Distortion: 40dB@20/25kHz, 35dB@12.5kHz, <3%

**Receiver**
- Reference Sensitivity: 0.28μ V@12.5kHz
  0.25μ V@20/25kHz typical
- Adjacent channel Selectivity: 66dB@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

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