

Standard accessories

The standard accessories supplied for the radio have a variety of specification options adaptable to different countries and regions.



KTC-58A1
Charger adaptor



KBC-42A
Desktop charger



KBC-06A3
6-slot intelligent charger



KB-58B
1700mAh
Battery pack



KB-42A
1200mAh
Battery pack



KTC-06A3
SMPS



Antenna



Antenna

Optional Accessories:



KPT-05
Leather case



JH-314
Throat earpiece mic



JH-315
Earpiece mic



JH-801
Clear tube earpiece



JH-902
VOX headset



KME-005
Earpiece-Mic



KME-H20
Handheld-Mic



KSPL-02
Programming cable



KCL-01
Cloning cable



KGS-01
Hand strap

PT4200

SPECIFICATIONS

General	<p>Frequency range 146~174 MHz, 420~470MHz 400~450 MHz, 470~512MHz 16(15+S)</p> <p>Channel capacity 25 kHz(W)/12.5kHz(N)</p> <p>Channel spacing -25°C ~+55°C</p> <p>Operating temperature 50 Ω</p> <p>Antenna impedance 2.2k Ω</p> <p>Microphone impedance Li-poly 1200mAh, 7.4V</p> <p>Battery(Standard) 56.5 mm × 102 mm × 29.5 mm</p> <p>Dimension(W×H×D) 120g(main unit); 235g(with battery and antenna)</p> <p>Weight</p>
Receiver	<p>Sensitivity (12dB SINAD) ≤0.35 μV</p> <p>Adjacent channel selectivity ≥70dB(W)/≥60dB(N)</p> <p>Intermodulation reject ratio ≥65dB</p> <p>AF output power 500mW (4 Ω distortion less than 10%)</p>
Transmitter	<p>RF power 5/4W</p> <p>Modulation type 16KOF3E(W)/11KOF3E(N)</p> <p>Spurious and harmonics ≤-70 dB</p> <p>Residential FM(300~3000Hz) ≤-45dB(W)/≤-40dB(N)</p> <p>FM distortion(300~3000Hz) ≤5%</p> <p>Frequency stability ±2.5ppm</p> <p>Maximum frequency deviation ±5kHz(W)/±2.5kHz(N)</p>

NOTICE: The specifications may be subject to change without notice due to advancement in technology, for more detailed information, please contact KIRISUNElectronics [Shenzhen] Co., Ltd.

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KIRISUN ELECTRONICS (SHENZHEN) CO., LTD.
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PT4200

Professional VHF/UHF Portable Radio



- Cost Effective
- Clear Crisp Audio
- Long Communication Range
- Weather Resistant
- Emergency Alarm
- Large Li Polymer battery Capacity
- Channel Announcement

PT4200

VHF/UHF Portable Radio

Professional, Compact, Robust the PT4200 is the export version of the extremely successful PT558 which has cornered much of the Chinese domestic mainland market.

The large capacity Lithium Polymer battery ensures extended talk time. The gold plated battery contacts enhance reliability. Channel annunciation and the Emergency alarm are useful security functions.

The ergonomic design with Military rugged construction ensures the suitability of the PT4200 for Security, Hotels, Airports, Forestry, Construction, Mining and Shopping centres etc...

ADVANTAGES

- Large Capacity Li-Polymer Battery (1200mAh and 1700mAh options)**
 The Li-Polymer battery extends stand-by time and talking time.
- Wider Band Coverage**
 Different band options available to meet worldwide regulations.



Squelch Level Programmable

Squelch reduces background noise and improves sound quality.

CTCSS/DCS

To prevent unwanted conversations on the same frequency. CTCSS/DCS encoder and decoder prevents interference on the same frequency from other communication groups.



Auto Power Saving

Auto power saving prolongs the talk time and standby time. 10 seconds after no signals or operation, the auto power-saving is activated to minimize power consumption. It resumes to normal mode while receiving signals or being operated.

Channel Annunciation

Channel annunciation offers convenience to users in special applications, such as working in darkness.

Emergency Signaling

Press the emergency call button and a loud alarm is activated

Military rugged construction designed to MIL-STD

The radio is suitable for use in harsh environments.



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GENERAL FUNCTIONS

- 16 Channels (15+Scan)**
 15 communication channels and 1 scan channel provide flexible channel assignments among different user groups.
- Channel Spacing Selectable**
 Different channel spacing 25kHz/12.5kHz is optional to conform with the regulations of different countries.
- Multiple Scanning**
 Scan channel is convenient for the team leader to monitor the on-site situations. The scanning mode and scanning priority is programmable.
- Low Battery Alert**
 When the battery power is low, the working status indicator flashes red, reminding you to recharge or replace the battery.
- Time Out Timer**
 When TOT is on and the transmission exceeds the preset time limit, the radio will stop after warning tone. TOT can prevent the radio from any potential damage caused by overlong transmission.
- Busy Channel Lockout(BCL)**
 BCL is used to prevent interference with the on-going conversation. If BCL is in the "Open" state, when you press the PTT button, the radio will not transmit signals and remains in the receiving state to avoid interfering with others that are in communication. If BCL is on, the radio can not transmit on the busy channel.
- Monitor**
 To monitor whether current channel has signal.
- PC Programmable**
 With the optional programming cable, the parameters on radio can be configured by PC software.
- Data Cloning**
 To quickly set the parameters on a radio, you can clone the radio data from another radio with the supplied data cable, saving the time of parameter setting.