

Standard accessories

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



Optional Accessories:



PT4200

SPECIFICATIONS

General

| | |
|------------------------------|--|
| Frequency Range | 136~150MHz, 146~174 MHz, 420~470MHz 400~450 MHz, 470~512MHz |
| Channel Capacity | 15+S |
| Channel Spacing | 12.5KHz/25KHz |
| Frequency Stability | 2.5ppm |
| Operating temperature | -25℃~ + 55℃ |
| Operating voltage | 7.5V DC ±20% |
| Dimension(H×W×D) | 56.5mm×102mm×29.5mm |
| Weight(with antenna&battery) | 235g |
| Battery | 1200mAh li-poly |

Transmitter

| | |
|----------------------------|-------------------------------|
| RF Power | 4W/1W(UHF) 5W/1W(VHF) |
| Frequency modulation | 16KΦF3E/11KΦF3E |
| Antenna Impedance | 50Ω |
| Modulation Limiting | ±2.5KHz@12.5KHz, ±5KHz@25KHz |
| Modulation Distortion | < 5% |
| Radiated Spurious Emission | -36dBm < 1GHz/-30dBm > 1GHz |
| FM Noise | -40dB @ 25KHz/-35dB @ 12.5KHz |
| Adjacent Channel Power | -60dB @ 12.5KHz/-70dB @ 25KHz |

Receiver

| | |
|------------------------------|-------------------------------------|
| Reference Sensitivity | 0.28μV@12.5KHz 0.25μV@25KHz typical |
| Operating Bandwidth | W≥±7 N≥±3.5 |
| First IF of Receiver | 49.95 |
| Second IF of Receiver | 450 |
| Adjacent channel Selectivity | 60dB @ 12.5KHz/70dB @ 25KHz |
| Intermodulation Rejection | 65 dB |
| Spurious Response Rejection | 70 dB |
| Rated Audio Power | 0.5W |
| Rated Audio Distortion | 5% |
| FM Hum&Noise | 40/35 |

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

For more information, please contact:



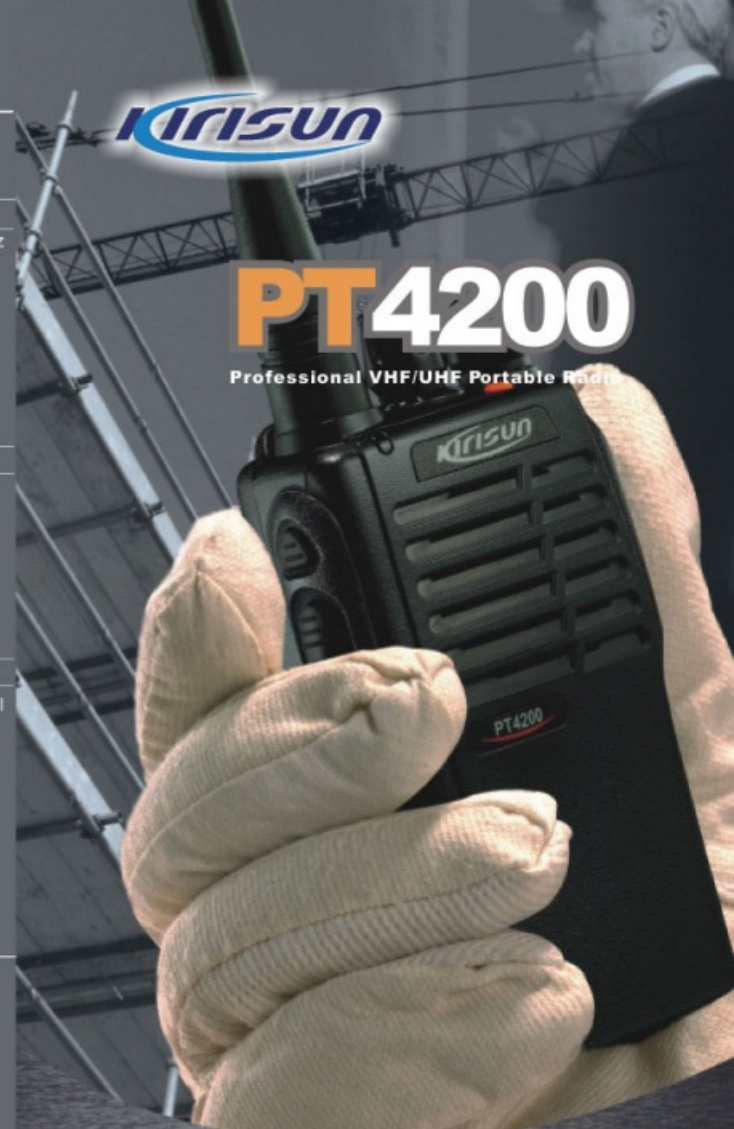
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KIRISUN ELECTRONICS (SHENZHEN) CO., LTD.
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KIRISUN

PT4200

Professional VHF/UHF Portable Radio



- Clear and Crisp Voice
- Emergency Alarm
- Wide Band Coverage
- Superior Whole Unit Performance
- Channel Annunciation
- Compact and Rugged Structure

PT4200

VHF/UHF Portable Radio

Large capacity Li-Poly battery allows PT-4200 meets your need for long time communication. Aluminum alloy rear cover offers better heat radiation. The PTT button made of hard rubber with good durability is easy and convenient for the operator. These new technologies improve the performance of the whole unit and make it a superior two-way radio.

Channel Annunciation and Emergency Alarm are two favorite features for security.

The radio features compact and elegant shape, easy carrying and crisp voice; is an ideal communication tool for users of security company, restaurant, club, fieldwork and construction.

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TELECOMUNICACIONES

ADVANTAGES

- **Large Capacity Li-Polymer Battery**
The optional 1600mAh Li-Poly battery prolongs the stand-by time and talking time, and avoids those accidents and possible danger in general battery.
- **Wider Band Coverage**
It is available on 136-150MHz 146-174MHz, 400-450MHz, 420-470MHz, 470-512MHz, which adaptable to most frequency regulations all around the world.



- **Squelch Level Programmable**

Squelch reduces background noise and improves sound quality.

Adjustable squelch level makes the radio widely used in various environments.

- **CTCSS/DCS**

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

- **Auto Power Saving**

Auto power saving can prolong the talking time and stand-by 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 the darkness. The annunciation could be programmed in different languages.

- **Emergency Alarm**

Press the emergency call button, and loud alarm sounds to notify your partners, warn and stop dangerous people.

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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 (TOT)**

When TOT is on and the transmission exceeds preset time limit, the communication will stop after warning tone. TOT can prevent the radio from any potential damage caused by overlong transmission.

- **Busy Channel Lockout (BCLO)**

BCLO is used to prevent the interference with the on-going conversation. If BCLO is on, the communication will be remaining in receiving status even with PTT pressed to avoid interfering with others on conversation.

- **Monitor**

To monitor whether the current channel has signal, pressing the MONI key. The MONI function is to receive weak signal.

- **PC Programmable**

With the optional programming cable, the parameters on radio could be configured by PC software.

- **Wired Clone**

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.



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