

# 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	146~174 MHz, 420~470MHz 400~450 MHz, 470~512MHz
Channel capacity	16(15+S)
Channel spacing	25 kHz(W)/12.5kHz(N)
Operating temperature	-25°C ~+55°C
Antenna impedance	50 Ω
Microphone impedance	2.2k Ω
Battery(Standard)	Li-poly 1200mAh,7.4V
Dimension(W×H×D)	56.5 mm×102 mm×29.5 mm
Weight	120g(main unit); 235g(with battery and antenna)

### Receiver

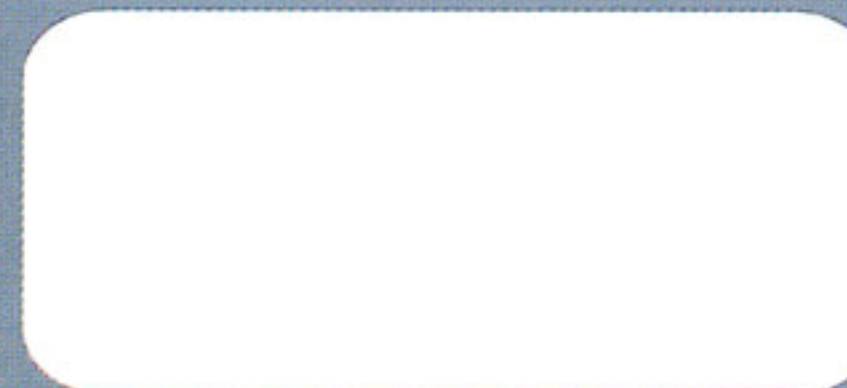
Sensitivity (12dB SINAD)	≤0.35 μV
Adjacent channel selectivity	≥70dB(W)/≥60dB(N)
Intermodulation reject ratio	≥65dB
AF output power	500mW (4 Ω distortion less than 10%)

### Transmitter

RF power	4W
Modulation type	16KOF3E(W)/11KOF3E(N)
Spurious and harmonics	≤-70 dB
Residential FM(300~3000Hz)	≤-45dB(W)/≤-40dB(N)
FM distortion(300~3000Hz)	≤5%
Frequency stability	±2.5ppm
Maximum frequency deviation	±5kHz(W)/±2.5kHz(N)

**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.

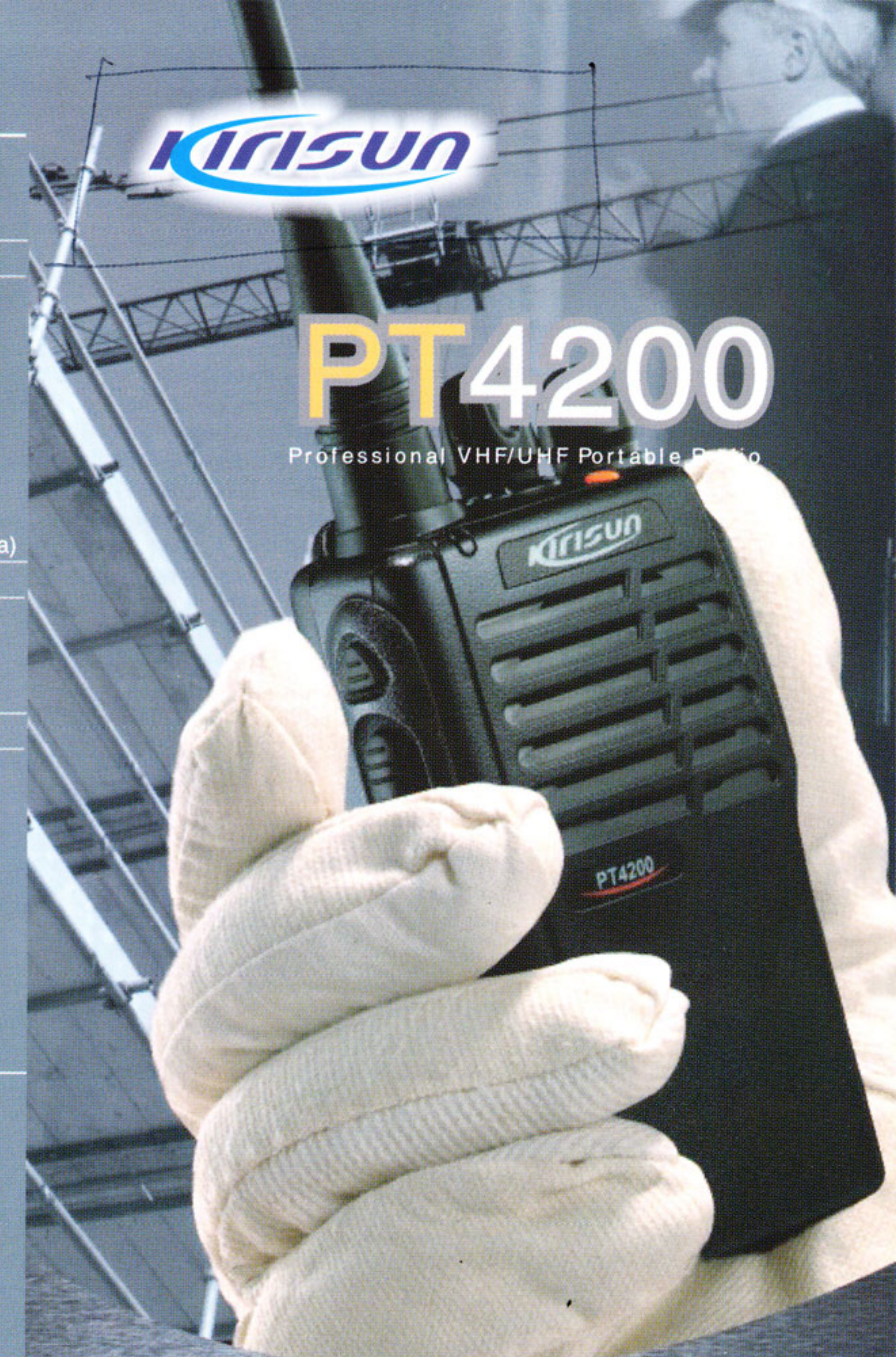
For more information, please contact:



KIRISUN ELECTRONICS (SHENZHEN) CO., LTD.  
www.kirisun.com

# PT4200

Professional VHF/UHF Portable Radio



- Cost Effective
- Clear and Crisp Voice
- Long Communication Range and Time
- Water and Rain-resistant
- Emergency Signaling
- Wide Band Coverage
- Large Capacity Li-Polymer Battery
- Superior Whole Unit Performance

# PT4200

## VHF/UHF Portable Radio

New portable radio PT4200 released in 2006 is the overseas version of the Kirisun PT558 that is a big hit in the mainland China market. It has identical features of PT558 with exception of wider band coverage----- adaptable to most frequency regulations all around the world. With its large capacity Li-Polymer battery, the radio meets your need for long time communication. Gold-aluminium 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 Mergency Alarm are two of the favorite features for security.

The radio features compact and elegant shape, easy carrying, waterproof structure and crisp voice; is an ideal communication tool for users of department stores, restaurants, KTVs, saunas, fieldwork, construction and outdoor work, etc.

### ADVANTAGES

#### Large Capacity Li-Polymer Battery (1200mAh)

The Li-Polymer 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 146-174MHz, 400-450MHz, 420-470MHz, 470-512MHz, adaptable to most frequency regulations all around the world.



#### Squelch Level Programmable

Squelch reduces background noise and improves sound quality.

Squelch level adjustable by PC software makes the radio can be 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 Signaling

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

#### Water and Rain-resistant

Water and rain-resistant construction enables you to use the radio in severe environment.

# KIRISUN

## Your smart choice

www.kirisun.com

### 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 the 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 others that are in communication. If BCL is on, the radio could not transmit on the busy channel.

#### 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.

#### 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.