

## Standard accessories

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



**Acetel**  
TELECOMUNICACIONES



## Optional Accessories:



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# PT7200

## SPECIFICATIONS

### General

Frequency Range	136~174MHz 400~470MHz 350~400MHz 450~520MHz
Channel Capacity	16
Channel Spacing	12.5KHz/20KHz/25KHz
Frequency Stability	2.5ppm
Operating temperature	-25°C ~ +55°C
Operating voltage	7.5V DC ±20%
Dimension(H×W×D)	54.5mm×113mm×35mm
Weight	280g
Battery	Li-poly 1700mAh

### Transmitter

RF Power	4W/1W(UHF) 5W/1W(VHF)
Frequency modulation	16KΦF3E/11KΦF3E
Antenna Impedance	50Ω
Modulation Limiting	±2.5KHz@12.5KHz, ±4KHz@25KHz ±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 @ 20/25KHz

### Receiver

Reference Sensitivity	0.28μV@12.5KHz 0.25μV@20/25KHz typical
Operating Bandwidth	W ≥ ±7 N ≥ ±3.5
First IF of Receiver	51.65
Second IF of Receiver	450
Adjacent channel Selectivity	60dB @ 12.5KHz 70dB @ 20/25KHz
Intermodulation Rejection	65 dB
Spurious Response Rejection	70 dB
Rated Audio Power	1W
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:



FCC CE

KIRISUN ELECTRONICS (SHENZHEN) CO., LTD.  
[www.kirisun.com](http://www.kirisun.com)

KIRISUN

PT7200

Professional VHF/UHF Portable Radio

- Remote Killing/Stun/Activate/Revive
- Enhanced 2-Tone/ 5-Tone/DTMF
- Emergency Signaling and Alarm
- Password Protection
- Lone Work
- GPS (Optional)
- Man Down (Optional)

# KIRISUN PT7200

The PT-7200 presents the KIRISUN latest technology in Land Mobile Radio design. Simple operation for everyone offers a powerful and reliable tool for your daily business.

Its durable construction is resistant to shock and vibration, you can even use it in rain. The Password Protection, Scrambler Encryption and enhanced multiple 2-Tone/5-Tone make the communication more safe and security. Wide range frequency coverage, loud and clear audio, built-in signaling and customizable alerts, the PT-7200 will easily exceed your expectations.

## ADVANTAGES

### Simple operation and easy-to-use

Only 4 keys, volume and channel knobs, anyone could use the PT-7200 before special training to get down to the business of communication without fuss.

### Channel Annunciation

The channel annunciation feature can automatically read out the selected channel number. This eye-free user interface is great for portables worn on a belt, in a pocket or in dark environments.

### Tough and Rain resistant

Built tough to take rough treatment, the PT-7200 has passed the IP54 rain resistance tests. It also meets or exceeds MIL-STD 810 C/D/E environmental standards.

### GPS (Optional)

- The PT7200's GPS function, supported by control center and management software, allows users to be located instantly, either to dispatch among group or locate of an emergency call. Allowing for more efficient use of resources or determining location in life-threatening situations.

## KIRISUN Your smart choice

### Emergency Alarms

The Emergency Mode in PT7200 could be programmed as silent alarm, local alarm, remote alarm, monitored alarm and emergency signaling alone or all for different circumstances.

### Multiple signalings and flexible Selective Calls

Use the built-in CTCSS, DCS, DTMF, 2-Tone and 5-Tone capability to set up user's own 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.

### Enhanced 2-Tone/5-Tone/MDC1200

Up to 16 2-Tone/5-Tone codes can be decoded on a channel. When a matched tone is received, various preprogrammed actions as beep, answer back, stun, LED blink could be activated. Even missed call notice and call transfer are optional for upgraded version. The PT 7200 can also provides the standard MDC1200 signaling.

### Versatile Scanning Features

Customizable Scan Template for each channel allows up to 16 different scan lists for convenient administration in large work group. Auto-Scan and Vote features are helpful for monitoring on multiple channels. The PT-7200 series offers both standard and Priority Scan modes. Call Back allows immediate response to a received call without having to manually search or change channels.

### Lone Work and Man Down

- The radio enters emergency mode if the user does not respond to a warning call (Lone Work) or put the radio vertically (Man Down), adding security and safety for individuals who work remotely and lonely.

### Whisper

- The Whisper feature allows a user to speak quietly into a radio and still be heard clearly by other radio users.

### Optimum Audio

- The equipped 1000mW speaker offers loud and clear audio output.

### Remote Kill/Stun/Activate/Revive

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

### Audio Componder

The built-in audio compander reduces noise components and provides clear reception even in narrow band use.

### Voice Scrambler

A voice-inversion scrambler provides basic communications security against casual eavesdropping.

### Wide range frequency coverage

The PT-7200 series covers a wide frequency range with one version (136174, 350-400, 400470, 450520 MHz). Different channel spacing (25, 20, 12.5 kHz) and TX Power (high, low) are programmable per channel.

### Voice-operated transmission (VOX)

The internal VOX provides PTT control with the simple talking, which brings much convenience for specialized tasks and events where hands-free, constant or repetitive communications are necessary.

### Data Clone

For quick programming of PT-7200 radios for group use, the Clone feature allows copying of all channels and other configuration data from one radio to another by cloning cable or other radios in wireless clone mode (optional).

### Password Protection

Writing and reading passwords for PC programming protect the radio data security.

## OTHERS

- PC programmable and tunable
- Manually Programmable and Calibrate
- Embedded radio information
- Personalized Alert tone and volume
- BCLO (Busy Channel Lockout)
- TOT (Time-out Timer)
- Low Battery alert
- Power-saving mode

