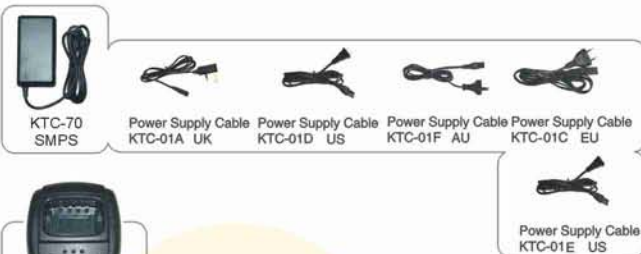


## Standard accessories



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



## Optional Accessories:



# PT7200



## SPECIFICATIONS

### General

Frequency range	136~174MHz, 350~400MHz 400~470MHz, 450~520MHz
Number of Channels	16
Power Supply	7.5V DC $\pm 20\%$
Operating temperature	-25°C ~+55°C
Battery(Standard)	Li-poly 1700mAh,7.2V
Dimension(W×H×D)	54.5 mm×113 mm×35 mm
Weight	370g(with battery and antenna)

### Transmitter

Frequency stability	2.5ppm
Power Output	1~4W/5W
Modulation Limiting	$\pm 2.5\text{kHz}@12.5\text{kHz}$ , $\pm 4\text{kHz}@20\text{kHz}$ , $\pm 5\text{kHz}@25\text{kHz}$
FM Hum & Noise	-40dB typical
Conducted/Radiated Emission	-36dBm<1GHz, -30dBm>1GHz
Adjacent Channel Power	-60dB@12.5KHz, -70dB@20/25KHz
Audio Response(300~3000Hz)	+1~-3dB
Audio Distortion	<5%

### Receiver

Sensitivity(12 dB SINAD)EIA	.28 $\mu\text{V}@12.5\text{KHz}$ , .25 $\mu\text{V}@20/25\text{KHz}$ typical
Intermodulation EIA	65dB
Adjacent Channel Selectivity	60dB@12.5KHz, 70dB@20/25KHz
Spurious Rejection	70dB
Rated Audio	1W
Audio Distortion@Rated Audio	<5%
Audio Response(300~3000Hz)	+1~-3dB
Conducted Spurious Emission	-50dBm<1GHz, -47dBm>1GHz

**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:



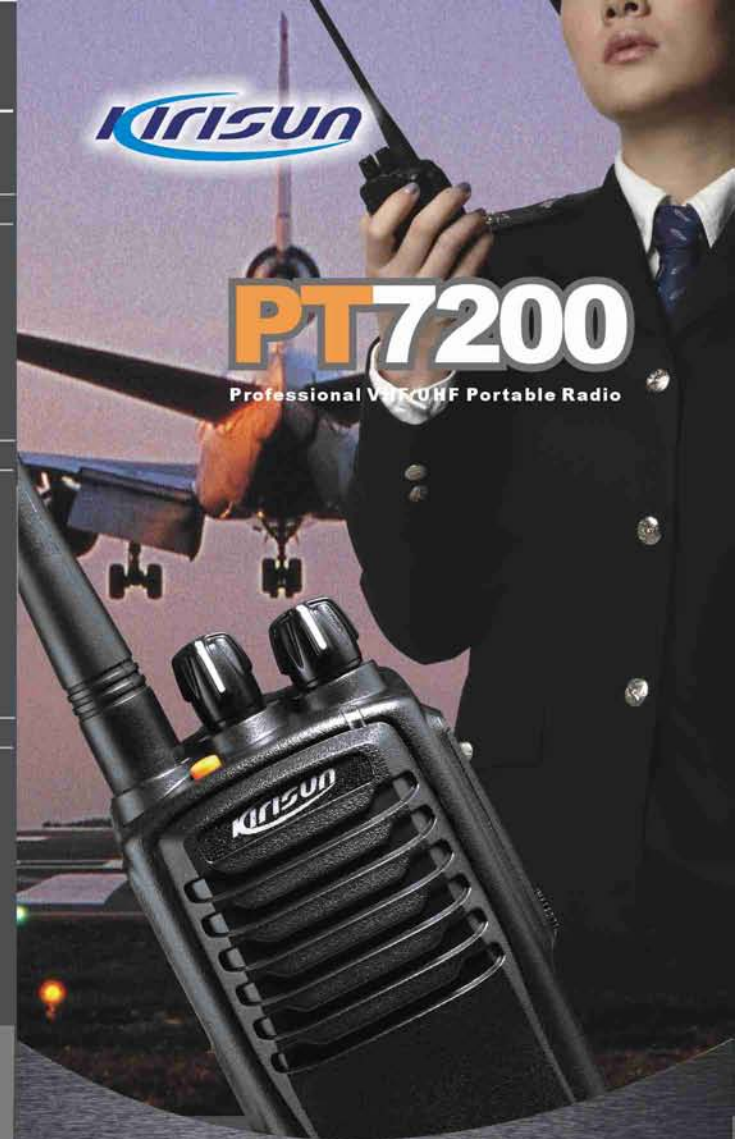
FC CE

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

KIRISUN

PT7200

Professional VHF/UHF Portable Radio



- Wide range frequency coverage
- Multiple 2-Tone/ 5-Tone
- Built-in CTCSS/DCS/ DTMF
- Emergency Signaling and Alarm
- MILSTD 810C/D/E & IP54
- Lone Work / Man Down

# KIRISUN PT7200

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

It's 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 signalings 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.
- **Programmable function keys**  
The side keys and the top emergency key are programmable for most of the many functions available on the PT-7200, permitting a customized fit for specific users.
- **Tough and water resistant**  
Built tough to take rough treatment, the PT-7200 has passed the IP54 and MIL-STD 810 "blowing rain" water resistance tests. It also meets or exceeds 11 other MIL-STD 810 C/D/E environmental standards. Indoors or out, rain or shine, the PT-7200 is ready to talk.

## 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 Call**  
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. In addition, special tone code, for group, and individual calls, and more features are available to support flexible, perfect selective calling operations.
- **Enhanced 2-tone or 5-tone**  
Up to 16 2-Tone/5-Tone codes can be decoded on a channel. When a matched tone is received, various items as beep, answer back, stun, LED blink could be programmable for each code. Even missed call notice and Call transfer are optional for upgraded version.
- **Versatile Scanning Features**  
Customable Scan Template for each channel allows up to 16 different scan lists for convenient administration in large work group. Auto-Scan and Vote features (optional) are helpful for monitoring on multiple channels. The PT-7200 series offers both standard and Priority Scan modes. Talk 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 large speaker offering a full watt of audio output brings loud and clear audio.

- **Audio Componder**  
The built-in audio compander reduces noise components and provides clear reception even in narrow band use.
- **Voice Scrambler Encryption**  
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.
- **Internal VOX/Hands free**  
The internal VOX (voice-operated transmission) 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.
- **Wired and Wireless Clone (Optional)**  
For quick programming of PT-7200 radios for group use, the Clone feature allows copying of all channel and other configuration data from one radio to another by the optional Cloning Cable or other radios in wireless clone mode (Optional).

## OTHERS

- PC programmable and tunable
- Embedded radio information
- Power-on Self-inspection
- Programming Password Protection
- Personalized Alert tone and volume
- Key Lock
- BCLO (Busy Channel Lock-out)
- TOT (Time-out Time)
- Low Battery Alert
- Up to 3 levels power-save modes.
- Customable Monitor Activation

