

Standard accessories

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



Optional Accessories:



PT5200

SPECIFICATIONS

General

Frequency range	136~174 MHz, 420~470MHz 400~450 Mhz
Channel capacity	16
Channel spacing	25 kHz/20 kHz/12.5kHz
Operating temperature	-30°C ~+60°C
Antenna impedance	50 Ω
Microphone impedance	2k Ω
Battery(Standard)	Li-poly 1200mAh,7.4V
Dimension(W×H×D)	57 mm×102 mm×30 mm
Weight	120g(main unit); 235g(with battery and antenna)

Receiver

Sensitivity (12dB SINAD)	0.3 μ (W)/0.35 μ V(N)
Operating band width	±7KHz(W)/V/±3.5KHz(N)
Adjacent channel selectivity	≥70dB(W)/≥60dB(N)
Intermodulation reject ratio	≥65dB
Spurious response reject ratio	≥70dB
AF output power	500mW (16 Ω distortion less than 5%)

Transmitter

RF power	4W/2W/0.5W
Modulation type	16KOF3E(W)/8KOF3E(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

KIRISUN

PT5200

Professional VHF/UHF Portable Radio



- 2-Tone/5-Tone/DTMF
- Voice Operated Transmission (VOX)
- Voice Encryption
- Emergency Signaling

KIRISUN Your smart choice !

www.kirisun.com

PT5200

PT5200 VHF/UHF Portable Radio

The KIRISUN PT5200 is the latest professional radio based on all features of PT2208/3208 and PT4200 plus 2-Tone and 5-Tone. Its waterproof structure and crisp voice ensure reliable communication in a variety of circumstances.

It has a big list of features, some of which include 2-Tone/5-Tone, channel annunciation, voice encryption, emergency signaling, programmable buttons, all in a compact lightweight radio.

ADVANTAGES

● 2-Tone/5-Tone/DTMF

Built-in 2-Tone, 5-Tone, and DTMF signalings are optional in order to adapt to different systems around the world. Individual call, group call, broadcast call and remote killing, etc. could be realized by configuring different ID signalings.

● VOX (Voice Operated Transmission)

VOX allows hands-free transmission on the radio when using the appropriate earphone/headset.

● 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.

● Voice Encryption

Voice encryption helps to enhance your communication privacy.

● Password Protection on PC Programming

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

● Emergency Signaling

Emergency alarm and signaling is to be used in emergent situation. 4 grades of emergency signaling can be set by the programming software

● CTCSS/DCS Encoder/Decoder

Built-in CTCSS/DCS Encoder/Decoder can prevent co-channel interference and unwanted conversations on the same frequency and ensures smooth communication.

● Programmable Buttons

Two side buttons and one top button could be programmed to perform specific functions.

● Various Warning Tones

Different warning tones are available to meet users' different needs.

● 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.

GENERAL FUNCTIONS

● 16 Channels

16 communication channels provide flexible channel assignment among different user groups.

● Busy Channel Lockout (BCL)

BCL is used to prevent the interference with the on-going conversation. If BCL is ON the radio could not transmit on the busy channel.

● Time-out Timer

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

● PC Programmable

With the optional programming cable, the parameters could be configured through PC software.

● Wired Radio-to-Radio Clone

To quickly set the parameters on a radio, you can clone the radio data from another radio with the supplied cloning cable, saving the time of parameter setting.

● Low Battery Power Alert

When the battery power is low, the working status indicator flashes red, reminding you to recharge or replace the battery.

● Channel Spacing Selectable

Different channel spacing 25 kHz / 20kHz / 12.5 kHz is optional to conform with the regulations of different countries. Applied data cable, saving the time of parameter setting.

