

PT8000

SPECIFICATIONS

General

Frequency range	136~174 MHz, 438~490MHz
Channel capacity	8
Operating temperature	-25℃ ~+55℃
Antenna impedance	50 Ω
Power Supply	DC 13.6V ±20%
Dimension(W×H×D)	150mm×43 mm×129 mm
Weight	1030g

Receiver

Sensitivity(12 dB SINAD)EIA	0.28 μV@12.5KHz, 0.25 μV@20/25KHz typical
Intermodulation EIA	65 dB
Adjacent Channel Selectivity	60 dB@12.5KHz, 70 dB@20/25KHz
Spurious Rejection	70 dB
Rated Audio	4 W
Audio Distortion @ Rated Audio	<10%
Audio Response (300-3000Hz)	+1 ~ -3 dB
Conducted Spurious Emission	-50 dBm<1GHz, -47 dBm>1GHz

Transmitter

Frequency Stability(-25 to 55, 25 Ref)	2.5ppm
Power Output	5W/25W
Modulation Limiting	±2.5KHz@12.5KHz, ±5KHz@25KHz
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 ~ -3 dB
Audio Distortion	< 5%

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

Professional choice

PT8000

FM VHF/UHF Mobile Radio

- CTCSS/DCS
- Squelch Tail Elimination
- PTT ID
- Kill/Stun/Active
- Talk Around
- Remote Background Monitoring

- **CTCSS / DCS**

It enables users only hear calls for their own group for clearer, improved communications.

- **Squelch Tail Elimination**

The function will minimize the annoying audio outputs that occur at the receiver on completion of a transmission.

- **DTMF**

DTMF can be set on or off for each channel, for dispatch operations or for a simple remote control application.

- **Programmable function keys**

3 programmable keys provide almost any radio feature tailored to your need.

- **High/low power switchable**

per channel via programmed key, tailored for user environment. Low output power for battery saving when communication within limited range coverage; while high output power optimizes range coverage when further distance required.

- **Kill/Stun /Active**

If a radio has a decoder set up for kill/stun, then on decoding the sequence the radio will be 'killed/stunned'. All attempts at user activity, except powering on/off, will be ignored and the only received signal actioned by the radio will be the activated/unstun decode sequence.

- **Talk Around**

When the repeater doesn't work or you are out of the communication range of the repeater and within the communication range of your group member, you can bypass the repeater and talk directly to your group member.

- **Multiple Emergency Siren**

The radio can be programmed to kinds of sound emergency siren, with the emergency siren is enabled, the radio will transmit emergency ANI or sound continuously,

- **BCLO**

Avoid interference with the users using the same channel by preventing transmission if another talk group is already on the air.

- **TOT**

If the transmission exceeds preset time, transmission will be stopped. This feature is used to prevent one from using the same channel for a long time.

- **Monitor**

Allows users to monitor the activity on the current channel. The feature is especially helpful for receiving a weak signal.

- **Channel Scan**

The channel scan feature enables the radio to continuously scan each channel in the scan list for activity. Simply press a side function button to activate scanning. When activity is detected on a channel the scan process will stop and you will hear the transmission.

- **PTT ID**

A PTT ID is transmitted when the PTT button is pressed for a Signaling System enabled channel.

- **Remote background monitoring**

Transmitter can send a signaling to a receiver, the receiver will transmit automatically and the sender can hear what is happening around the receiver. This can be used to monitor the remote background in emergency situation.

- **(SQL)Programmable Squelch Level**

Selectable Squelch Level (0-9) Helps minimize interference from undesired weak signals and helps weak signals be heard.

- **PC programmable**

PC programming and tuning Connect the radio with a PC via interface cable to make settings and program radio parameters without having to open the radio to save both time and expense, Function settings and frequencies can be rapidly and accurately programmed.

- **PC Password Protection**

The radio offers reading password to both protect the privacy and prevent unauthorized cloning of radio data.

- **Wired Cloning**

Cloning enables duplication of radios in the field via a simple interface cable, without the use of a PC or special equipment.