



PT578

Conventional Portable Radio

The PT578 was developed to withstand extreme conditions. It is IP65 rated and has 1 watt audio. EXIA and EXIB models are available.

- CTCSS/DCS
- Patented battery locker
- Tail Tone Elimination
- 1000mw Audio Output Power
- High capacity Li-Poly Battery(1500MAh)
- Compact Size
- Free Channel Scan (FCS)
- All-metal panels

**EXIA EXIB
versions
available**



PT578 Conventional Portable Radio

Special Features

- CTCSS/DCS**
50 groups of standard CTCSS and 83 groups DCS are available (PC programmable). Built-in CTCSS/DCS Encoder/Decoder can prevent co-channel interference and unwanted conversations on the same frequency and ensure smooth communication.
- Tail Tone Elimination**
To eliminate the tail tone improves the listening experience.
- 5 Tone**
Built in 5 Tone signaling for Caller ID.
- Programmable keys**
Up to 3 programmable keys could be set as different functions by hold or press it.
- Channel Scan**
The radio could continuously scan each channel in the scan list for active conversation. Simply press a preset key to activate scan. Priority scan and talk channel (revert channel) could be set too.
- Password Protection**
The radio offers reading and writing password to protect the privacy and prevent unauthorized modification of radio data
- 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. (FCS) Free Channel Scan Automatically looking for communication channel.
- 16 Channels**
Up to 16 channels could be programmed for conversation, providing flexible channel assignments among different user groups.
- Busy Channel Lockout (BCLO)**
BCLO is used to prevent the interference with the on-going conversation. If BCLO is on, the radio will be remaining in receiving status even with PTT pressed to avoid interfering with others on Conversation.
- 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.
- Time-out Timer (TOT)**
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. To quickly set the parameters on a radio, the radio data could be cloned from another radio with cloning cable, saving the time of parameter setting. With the programming cable, the parameters on radio could be configured by programming software.
- Squelch Level Programmable**
Squelch reduces background noise and improves sound quality. Adjustable squelch level makes the radio widely used in various environments.
- Low Battery Alert**
When the battery power is low, the LED indicator flashes red, reminding user to recharge or replace the battery.

All specifications are tested according to applicable standards, and subject to change without notice due to continuous development.



Kirisun Communication Co., Ltd.
3rd Floor, Building A, Tongfang Information Harbour, No. 11 Langshan Road, Nanshan District, Shenzhen 5180
Tel: +86-755-86106898 | Email: marketing.os@kirisun.com | www.kirisun.com

Specifications

| General | |
|-----------------------|------------------------------------|
| Frequency Range | 136~174MHz; 400~450MHz; 420~470MHz |
| Channel Capacity | 16 |
| Channel Spacing | 12.5KHz/25KHz |
| Operating temperature | -30℃ - +60℃ |
| Antenna impedance | 50Ω |
| Dimension(H×W×D) | 111mm×52.5mm×33.5mm |
| Weight | 270g |
| Battery | Li-poly 1500mAh |

| Transmitter | |
|----------------------------|-----------------------------|
| RF Power | 4W/1W(UHF) 5W/1W(VHF) |
| Radiated Spurious Emission | -36dBm<1GHz/-30dBm>1GHz |
| FM Noise | -35dB@12.5KHz,-40dB@25KHz |
| Rated Audio Distortion | 5% |
| Frequency Stability | 2.5ppm |
| Modulation Limiting | ±2.5KHz@12.5KHz,±5KHz@25KHz |

| Receiver | |
|------------------------------|-------------------------------------|
| Reference Sensitivity | 0.28μV@12.5KHz 0.25μV@25KHz typical |
| Adjacent channel Selectivity | 60dB@12.5KHz 70dB@20/25KHz |
| Intermodulation Rejection | 65 dB |
| Rated Audio Power | 1W |

| Standard Accessories | | | |
|---|---|---|---|
|  |  |  |  |
| KB-56B Li-poly Battery | KBC-70Q Desktop Charger | KTC-50CI (EU) Switching Power | KGS-01 Hand Strap |
|  |  | | |
| KBJ-09 Belt Clip | Antenna | | |

| Optional Accessories | | | |
|---|---|---|---|
|  |  |  |  |
| KBC-06Q4 6-slot universal charger | KSPL-U9 Programming cable (USB port) | KME-014 Earset Mic | KTC-58DI (CN) Switching power |
|  |  |  |  |
| KME-015 D-earset with boom Mic | KME-214 Speaker Mic | Antenna-A | KME-016 Earpiece Mic with transparent acoustic tube |
|  | | | |
| Antenna-C | | | |



Distributed by Radiosource Telecoms
Radiosource House, 53 St Andrews Drive,
Durban North, KwaZulu-Natal, South Africa

EMAIL: sales@radiosource.co.za
WEBSITE: www.radiosource.co.za
TEL: +27 31 5647727