

# PT578

## Conventional Portable Radio

**KIRISUN**

### Main Functions:

- CTCSS/DCS
- Patented battery locker
- Tail Tone Elimination
- 1000mw Audio Output Power
- High capacity Li-Poly Battery (1500MAh)
- Water Proof IP65
- Compact Size
- Free Channel Scan (FCS)
- All-metal panels

**SPLASH PROOF**



FC CE ①

ISO9001: 2008 Accredited Designer & Manufacturer

**EXIA & EXIB VERSIONS AVAILABLE**

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# PT578

## KIRISUN Your smart choice

### 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.

#### • Wired Clone

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.

#### • Programmable

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.

### 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-26 (AU)  
Switching power



KTC-21 (UK)  
Switching power



KTC-23 (EU)  
Switching power



KTC-25 (US)  
Switching power



KGS-01  
Hand strap



KBJ-09  
Belt clip



Antenna

### Optional Accessories



KTC-50E1 (US)  
Switching power



KTC-50F1 (AU)  
Switching power



KTC-50C1 (EU)  
Switching power



KTC-58D1 (CN)  
Switching power



KBC-06Q4  
6-slot universal charger



KSPL-U9  
Programming cable  
(USB port)



KME-014  
Earset Mic



KME-016  
Earpiece Mic with transparent  
acoustic tube



KME-015  
D-earset with boom Mic



KME-214  
Speaker Mic



Antenna-A



Antenna-C

**NOTICE:** The specifications may be subject to change without notice due to advancement in technology, for more detailed information, please contact Shenzhen KIRISUN Electronics Co., Ltd.

SHENZHEN KIRISUN ELECTRONICS CO., LTD.  
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