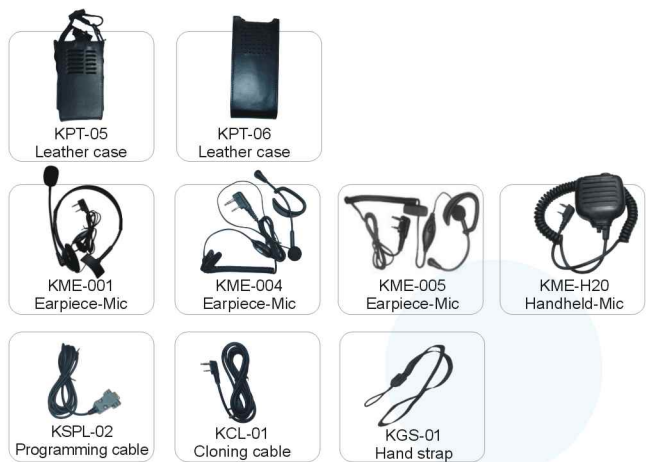


# Standard accessories

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



## Optional Accessories:



# PT558

## SPECIFICATIONS

### General

Frequency range	FRS\PMR Frequencies
Channel capacity	16(15+S)
Channel spacing	25 KHz or 12.5 KHz
Operating temperature	-25°C ~+55°C
Antenna impedance	50 Ω
Microphone impedance	2.2k Ω
Battery(Standard)	Li-poly 1200mAh,7.4V
Dimension(W×H×D)	56.5 mm× 102 mm× 29.5 mm
Weight	120g(main unit); 235g(with battery and antenna)

### Receiver

Sensitivity (12dB SINAD)	≤0.35 μV
Operating band width	±7kHz
Adjacent channel selectivity	≥70dB/≥60dB
Intermodulation reject ratio	≥65dB
AF output power	500mW (16 Ω distortion less than 10%)

### Transmitter

RF power	0.5W, 1.5W, 4W (Presetable)
Modulation type	16KOF3E or 11KOF3E
Spurious and harmonics	≤-70 dB
Residential FM(300~3000Hz)	≤-45dB or ≤-40dB
FM distortion(300~3000Hz)	≤5%
Frequency stability	±2.5ppm
Maximum frequency deviation	±5kHz or ±2.5kHz

**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.

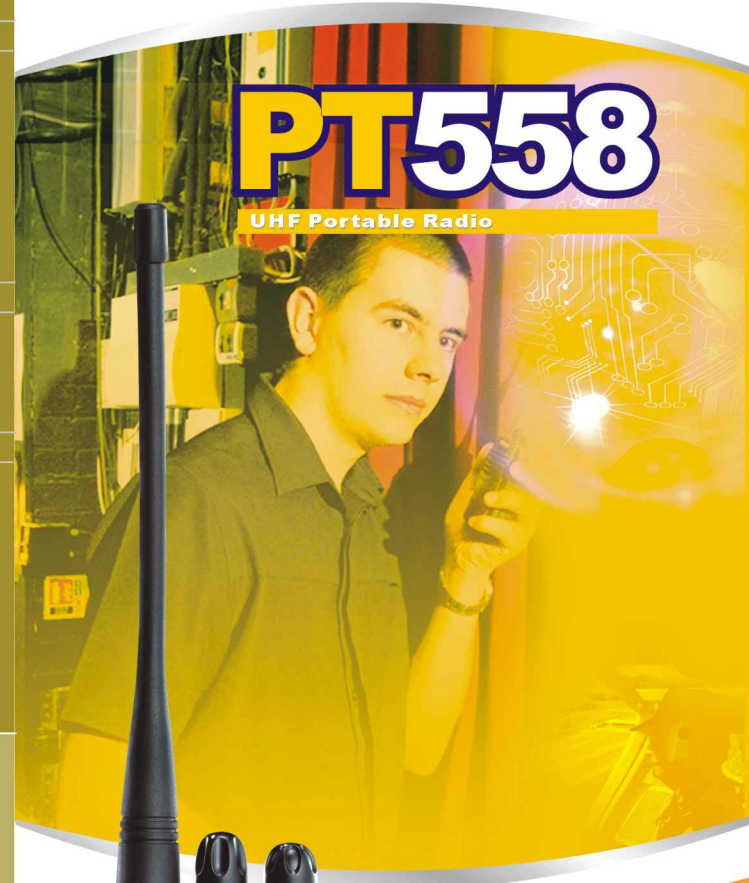
For more information , please contact:



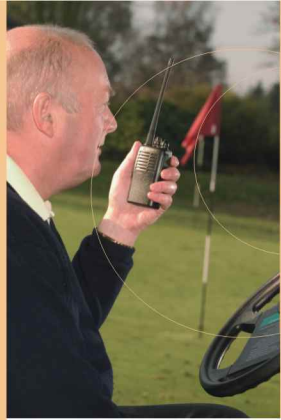
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Professional choice  
Professional choice



- Cost Effective
- Clear and Crisp Voice
- Long Communication Range
- Waterproof and Rain-resistant
- Emergency Signaling



# P

## KIRISUN

### Your smart choice

# PT558

The Kirisun **PT558** newly released in 2006 is a cost effective radio featuring reliable performance, the traditional advantages of Kirisun radios. Once it came on the market it is warmly welcomed by the old and new clients and distributor.

"Channel annunciation" and "emergency alarm and signaling" are two of the favorite features of security men.

The radio features compact and elegant shape, easy carrying, waterproof structure and crisp voice; is an ideal communication tool for users of department stores, restaurants, hotels, recreation and leisure centers, fieldwork, construction, estate management, security patrolling, and factory dispatching, etc.



## VHF/UHF Portable Radio



### ADVANTAGES

#### 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.

#### CTCSS/DCS

To prevent unwanted conversations on the same frequency  
CTCSS/DCS encoder and decoder can prevent interference on the same frequency from other communication groups.

#### 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.

#### 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.

#### Emergency Signaling

Press the emergency call button, and loud alarm sounds to notify your partners, warn and stop dangerous people.

#### Li-poly battery with 1200mAh capacity.



### GENERAL FUNCTIONS

#### 16 Channels (15+Scan)

15 communication channels and 1 scan channel provide flexible channel assignments among different user groups.

#### Multiple Scanning

Scan channel is convenient for the team leader to monitor the on-site situations. The scanning mode and scanning priority is programmable.

#### Low Battery Alert

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

#### Time Out Timer

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.

#### Busy Channel Lockout (BCL)

BCL is used to prevent the interference with the on-going conversation.  
If BCL is in the "Open" state, when you press the PTT button, the radio will not transmit signals and remains in the receiving state to avoid interfering others that are in communication.  
If BCL is on, the radio could not transmit on the busy channel.

#### Monitor

To monitor whether the current channel has signal, pressing the MONI key. The MONI function is to receive weak signal.

#### PC Programmable

With the optional programming cable, the parameters on radio could be configured by PC software

#### Data Cloning

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