



The professional, compact and robust PT68 covers the 66-88MHz midband range and may be used for simplex or repeater operation. It is proved to be reliable and easy to operate, winning recognition from the market.



ADVANTAGES

- **99 Channels**
99 communication channels offers flexible channel assignment to meet the demands of different communications among different groups in large institutes.
- **CTCSS**
To prevent co-channel interference and unwanted conversations on the same frequency. CTCSS encoding and decoding can be set manually or by PC software.
Manually setting CTCSS is convenient for users to match the radio signaling with the local reporters in different regions.
- **Auto-Power-Saving**
Auto power saving can prolongs the talking time and stand-by time.
10 seconds after no signals or operations, the auto power-saving is activated to minimized power consumption. It resumes to normal mode while receiving signals or being operated.
- **Squelch Level Programmable**
Squelch reduces the background interference and improves audio quality.
Squelch level is programmable and makes the radio be widely used in various environments
- **Key-Lock**
Key-lock function disables the operation on function keys.
- **LCD Display**
The LCD display shows the working

GENERAL FUNCTIONS

- **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 Indication**
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 a warning tone. TOT can prevent the radio from any potential damage caused by overlong transmission.
- **High/Low Power Switchable**
High/low power can be selected on demand. Generally, low output power is recommended for power saving while high output is for wider coverage.
- **Monitor**
To monitor whether the current channel has signal pressing the MONI key. The MONI function is to receive weak signals.
- **Parameter Setting**
With the optional programming cable, the parameters on radio can be configured by PC software.



Standard accessories

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



Optional Accessories:



PT68 Portable Two-way Radio

PT68

SPECIFICATIONS

General

Frequency range	66~88 MHz
Channel capacity	99
Channel spacing	25 kHz(W)/12.5kHz(N)
Operating temperature	-25°C ~+55°C
Antenna impedance	50 Ω
Microphone impedance	2kΩ
Frequency stability	Li-poly 1750mAh 7.2V
Battery(Standard)	Battery life: ≥8 hs(5:90 duty cycle)
Dimension(W×H×D)	56 mm × 120 mm × 35 mm
Weight	200g(main unit); 360g(with battery and antenna)

Receiver

Sensitivity (12dB SINAD)	0.25 μV/0.28 μV
Operating band width	±7kHz(W)/±3.5kHz(N)
Adjacent channel selectivity	≥70dB(W)/≥60dB(N)
Intermodulation reject ratio	≥65dB
Spurious response reject ratio	≥70dB(W)/≥60dB(N)
AF output power	500mW (4 Ω distortion less than 5%)

Transmitter

RF power	5W/1W
Spurious and harmonics	≤-70 dB
FM noise(300~3000Hz)	-45dB(W)/-40dB(N)
Audio distortion(300~3000Hz)	≤5%
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 KIRISUNElectronics (Shenzhen) Co., Ltd.

For more information, please contact:



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PT68

Portable Two-way Radio



- 99 Channels
- Large LCD Display
- CTCSS Programmable Manually
- Clear Voice
- Easy-to-use
- Cost Effective