



BluFi

CALL SYSTEMS

RadioCall

Hand-held Transceiver **PT 558** - *CB Frequencies*

The Kirisun PT558 is a high quality 16 channel UHF handheld transceiver with features to suit a wide range of applications. With an impressive build standard and very robust construction, It is one of the smallest commercial 2 way radios on the market.

In addition to the extensive range of functions available, the PT558 also features an emergency signal to alert people when emergency assistance is required.

For use in darkness and to assist users with impaired vision, the PT558 provides a 'Voice Channel Announcement' feature. If this feature is activated, when the channel annunciation button is pressed in standbymode, the current channel is announced though the loudspeaker.

Other features include:

- **TIME-OUT TIMER:** To protect the unit from damage through overheating and to reduce annoyance to other channel users if the unit is held on transmit continuously, the transmitter will turn off once a pre-set duration is exceeded.
- **BATTERY SAVING:** With this feature activated, if nothing is received or no transmissions have been made for 10 seconds, the PT558 enters the battery saving mode and decreases the power consumption.
- **PANIC ALERT SIREN**
Top mounted panic alert button activates emergency siren.



A Division of:

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FEATURES

SPECIFICATION

Frequency	(476 - 478) MHz / CB frequency
Channel Capacity	16 (15+1)
Channel Spacing	25 KHz / 12.5 KHz
Temperature range	-30°C ~ +60°C
Antenna impedance	50Ω
Microphone impedance	2KΩ
Frequency stability	±2.5ppm
Battery (standard)	Model: KB-30a Ni-MH DC7.2V±20% 1300mAH Battery Life: 8hrs (5-5-90 duty)
Case size (w x h x d)	58mm x 135mm x 35mm
Weight	150g (body) 315g (with battery and antenna)

Receiver

Sensitivity (12dB SINAD)	0.25μV
Operating band width	±7KHz (w) / ±3.5KHz (n)
Adjacent Channel Selectivity	More than 70dB (w) more than 60dB (n)
Intermodulation reject ratio	More than 65dB
Spurious response reject	More than 70dB
AF output power	500mW (distortion less 5%)

Transmitter

RF power (H/L)	4.5W / 1.5W
Modulation type	16K0 F3E / 8K0 F3E
Spurious & harmonics	Less than -70dB
FM noise (300~3000Hz)	Less than -40dB
Audio distortion (300~3000Hz)	Less than 5%
Maximum frequency deviation	±5KHz



- **16 Channels (15+ scan)**
- **CTCS/DCS:**
built in encoder/decoder
- **PC Programmable:**
frequency and various other functions can be set up by programming software
- **Low Battery Indication: when the battery power is low, the battery indicator will flash an alert**
- **Programmable Channel Spacing:**
spacing of 12.5KHz or 25KHz is selectable using programming software
- **Panic Alert Siren**
Top mounted panic alert button activates emergency siren.

- **Channel Busy Lockout:**
Transmission is prevented when the channel is busy
- **Time-Out Timer:**
will shut down the transmitter after a pre-set duration to avoid damage caused by long periods of continuous transmission
- **Squelch Level:**
set by PC software to prevent noise interference
- **Robust Design:**
Solid, durable and water resistant structure ensures excellent performance in harsh environments

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