



RadioCall

Hand-held Transceiver PT3208

The Kirisun PT3208 is a high quality 16 Channel 4Watt UHF hand-held transceiver operating in the 420-512MHz band. In keeping with all Kirisun products it is manufactured to a high build standard, is a very rugged design and is one of the smaller professional radios available on the market today.

It is supplied complete with a 1300mAH Ni-MH Li-ion battery, a rapid desk charger, a belt clip and wrist strap. The channel spacing is dealer programmable to either 25KHz or 12.5KHz.

The PT3208 is equipped with CTCSS/DCS encoder/decoder functions to prevent interference from other transceivers operating on the same frequency.

- **TIME-OUT TIMER:**

To protect the unit from damage through over-heating 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 PT3208 enters the battery saving mode and decreases the power consumption.

- **LOW BATTERY WARNING:**

When the battery power falls below a preset level during transmission, the LED will blink red and the unit will cease transmitting until the battery is either replaced or recharged.



SPECIFICATION

| | |
|-----------------------|---|
| Frequency | (470 - 512) MHz |
| 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
- 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 channel
- Programmable Channel Spacing:
spacing of 12.5KHz or 25KHz is selectable
using programming software
- 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

Ph: 02 9792 4188

Fax: 02 9771 3281

www.blufi.com.au

22 MacLaurin Avenue, East Hills NSW 2213 - PO Box 284 Panania NSW 2213