

# Kirisun PT558

## Professional Licence Free Radio



### FEATURES:

- Cost Effective Instant Staff Communications
- Professional Handsets
- Robust, Compact and suitable for harsh environments
- Ergonomically designed
- Superb audio clarity and clear communications even in noisy environments
- Range up to 5km (3 miles) depending on terrain and conditions
- Compatible with other makes
- High performance, long-life batteries
- Low cost spares and accessories

### PRODUCT SPECIFICATION:

- 446MHz band with 0.5W (27dBm) EIRP output (license-free);
- 7.4V 1200mAh, lithium – polymer, rechargeable battery;
- 16 programmable channels (selectable with a rotary selector);
- CTCSS/DCS tones to prevent interferences on busy channels (programmable from the PC level);
- LED indicator (red – Tx, green – Rx, red flash – low battery);
- SQUELCH disable/enable function;
- voice channel announcement feature (4 selectable types of announcement) for use in darkness and people with impaired vision);
- emergency signal feature (when emergency button pressed a very loud, police-like warning tone is activated, other functions are disabled);
- scan function – radio can automatically find active channels (function can be enable/disable from the PC level);
- requires programming to be able to work with Kirisun PT446 and Motorola CLS446 and other 446MHz license-free radios;
- programming software KSP23 (available company/equipment programming tools/kirisun/KSP23)



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Default frequency and CTCSS/DCS settings:

| Channel # | Frequency |           | Tones  |        | Scan | Power |
|-----------|-----------|-----------|--------|--------|------|-------|
|           | Rx        | Tx        | Decode | Encode |      |       |
| 1         | 446.00625 | 446.00625 | None   | None   | No   | Low   |
| 2         | 446.05625 | 446.05625 | None   | None   | No   | Low   |
| 3         | 446.09375 | 446.09375 | None   | None   | No   | Low   |
| 4         | 446.04375 | 446.04375 | D023N  | D023N  | No   | Low   |
| 5         | 446.01875 | 446.01875 | 67.0   | 67.0   | No   | Low   |
| 6         | 446.06875 | 446.06875 | D074N  | D074N  | No   | Low   |
| 7         | 446.08125 | 446.08125 | 241.8  | 241.8  | No   | Low   |
| 8         | 446.03125 | 446.03125 | None   | None   | No   | Low   |
| 9         |           |           |        |        |      |       |
| 10        |           |           |        |        |      |       |
| 11        |           |           |        |        |      |       |
| 12        |           |           |        |        |      |       |
| 13        |           |           |        |        |      |       |
| 14        |           |           |        |        |      |       |
| 15        |           |           |        |        |      |       |
| 16        |           |           |        |        |      |       |



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