



TTI COMMUNICATOR



Acknowledgement—Encryption—Durability—Utility

- Large, easy to read, four line alphanumeric display.
- Individual and Group call capable. 16 addresses available.
- Lexan housing and water resistant seal ideal for Emergency Responders.
- Read receipts and call acknowledgement back to sender.
- Canned responses such as "Responding," "Unavailable," "On route to scene," or "Request mutual aid" provide the dispatcher with up to the minute manpower information for informed personnel management.
- Single button push responses for ease of use.
- Optional amplified charger base.
- Optional printer output for hard copy of messages.
- AES 128 bit encryption for secure messaging. Over-the-air Re-keying.
- No monthly fees or airtime when used on the TTI Enterprise Elite system.

TURN-KEY TECHNOLOGIES, INC.

2500 MAIN STREET EXTENSION

SUITE 10

SAYREVILLE, NJ 08872

PHONE 1-732-553-9100 FAX 1-732-553-9107

www.turn-keytechnologies.com

Specifications

General:

- Protocol: ReFlex 2.7.4
- Size: 58mm X 48mm X 8.2mm
- Weight: 130 grams with battery
- Encryption: 128-bit AES (FIPS-197)
- Battery: Rechargeable li-ion 100 mAh
- Backlight: Electro luminescent
- Language: English

Receiver:

- Frequency Range: 929-942 MHz
- Channel Spacing: 6.25, 10 and 12.5 kHz
- Bit rates: 1600, 3200 and 6400 bps
- Forward channel sensitivity: 90% CMR @ -116dBm
- Forward channel accuracy: ± 10 E-6 (one part per million)
- FM adjacent channel rejection @ 10 kHz: >30 dB
- FM adjacent channel rejection @ 12.5 kHz: >42 dB
- FM adjacent channel rejection @ 25 kHz: >50 dB
- FM spurious response rejection: >50 dB
- IF image rejection: 40 dB

Transmitter:

- Frequency range: 896-902 MHz, 802-824 MHz
- Channel Spacing: 6.25, 10 and 12.5 kHz
- Bit rates: 1600, 3200 and 6400 bps
- Stability: 0 ppm (DSP-based AFC)
- Emissions: FCC Part 90, 24D
- Power into antenna: 1 watt
- Frequency: Synthesized



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