



RESPONDER TWO WAY PAGER AND MOBILE DATA TERMINAL



- Full 34 button QWERTY keyboard
- Email to and from the device
- Read receipts and call acknowledgement back to sender
- Contacts folder, including group text messaging ability
- Mobile Data Terminal capable
- Optional NCIC look-up, vehicle registration and firearms checks
- Graphic user interface
- AES 128 bit encryption for secure messaging
- No monthly fees or airtime when used on the TTI Enterprise Elite system

TURN-KEY TECHNOLOGIES, INC.
2500 MAIN STREET EXTENSION
SUITE 10
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Specifications

General:

- Protocol: ReFlex 2.7.2
- Display: 160 x 128, viewable area 50 x 40
- LCD: 8 line x 26 characters
- Memory: 8M bit Data Flash, 2M bit SRAM
- Battery: Rechargeable li-ion 550mAh
- Dimensions: 106 x 70 x 18 mm
- Backlight: Electro luminescent
- Language: English
- Applications: Address book, Date book, To do, Memo pad, Calendar

Receiver:

- Frequency Range: 929-932 MHz and 935-942 MHz
- Channel Spacing: 6.25, 10 and 12.5 kHz
- Bit rates: 1600, 3200 and 6400 bps
- Forward channel sensitivity: -92 dBm @ 6400 pbs (by TC-5060)
- Forward channel accuracy: $\pm 10 \text{ E-6}$ (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
- Channel Spacing: 6.25, 10 and 12.5 kHz
- Bit rates: 1600, 3200 and 6400 bps
- Stability: 1ppm
- Modulation: FSK ± 800 and $\pm \text{kHz}$
- Signaling: 4 level FSK
- Deviation: $\pm 800 \text{ Hz}$ and $\pm 2400 \text{ Hz}$ for 4 level
- Power into antenna: 1 watt
- Frequency: Synthesized

