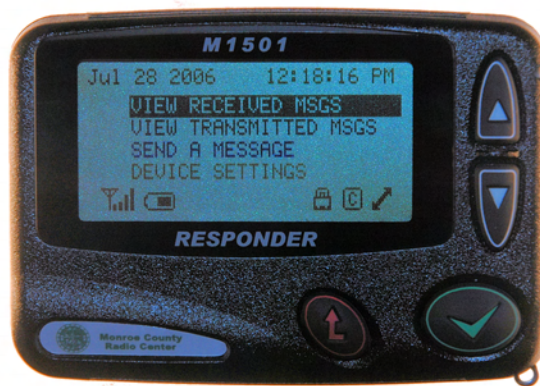


M1501



Acknowledgement. Encryption. Durability.

GET THE MESSAGE.™

Know immediately when responders have been alerted, when they've read the message, and how they're going to respond – all in the first minutes of an event. *Lexan*™ construction, water resistance, 128-bit encryption, 5-second latency, 16 groups with individual alert options, a field-swappable/rechargeable battery, and an optional 2W amplified speaker and contact closure, all set the **M1501** apart from 1-way pagers, cell phones, and PDAs. Additionally, the **M1501** can roam onto compliant carrier networks and neighboring public safety systems, extending coverage and delivering real-world interoperability.

In public safety, everything starts with an alert, and when it comes to alerting, the **M1501** stands alone. It's a tough little terminal that delivers secure, acknowledged group and personal alerting to professional and volunteer fire, EMS, healthcare professionals, and law-enforcement agencies.

M1501

M1501 Pager Specifications

Format

- Motorola ReFLEX™ v2.7.4 (Digital Narrowband)
- 800-9600 Baud

Transmitter

- Frequency Range: 896~902MHz/802~824MHz
- Frequency Stability: 0 PPM (DSP-based AFC)
- Emissions: FCC Part 90, 24D
- Power: 1W Into Antenna, Typical

Physical

- Size: 58mm × 48mm × 8.2mm
- Weight: 130 grams (w/Battery)
- Battery: 1000 mAh Rechargeable/Replaceable Li-Ion
- Material: Lexan-141 Polycarbonate
- Operating Temp: -10°C - +60°C
- UL: Class I, Division 2, Groups ABCD Class II, Division 2, Group F,G, Hazardous Locations

Advanced Charger (Optional)

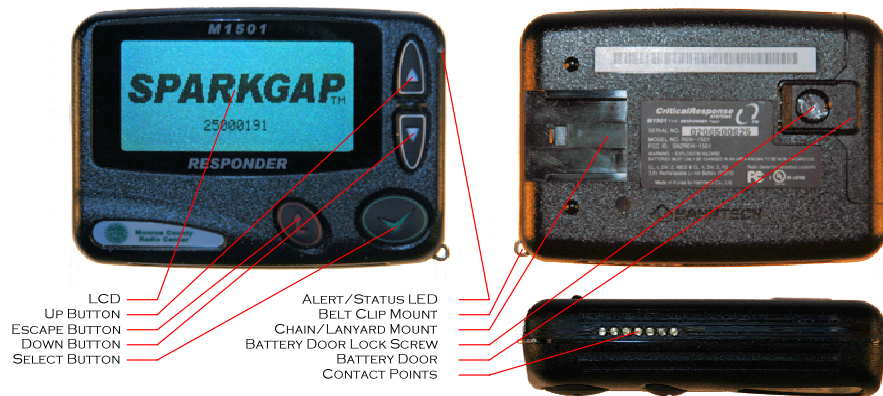
- Capacity: Simultaneous Charging of 1 M1501 Pager and 1 Spare Battery
- Speaker: 2W Amplifier With Digital Volume Control
- Contact Closure: Dry Circuit Rated 120V @ 1A, 16 Gauge Discrete Wire
- Additional Control: Message Read Button
Serial Port Connector

Encryption

- 128-bit AES (FIPS-197)
- Over-the-Air Re-Keying (OTAR)

Receiver

- Frequency Range: 929~942MHz
- Image Rejection: 40dBc, Typical
- 1MHz Blocking: 80dBc, Typical
- Selectivity: 22dBc @ ±10KHz, Typical
- Sensitivity: 90% CMR @ -121dBm (conducted)



Ordering Information	
Part Number	Description
CRS-1501	M1501 Public Safety Pager w/Basic Charger
CRS-1501-A	M1501 Public Safety Pager w/Advanced Charger
CRS-1501-Bat	Replacement Battery



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Specifications Subject to Change Without Notice.

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