

DigiTRAK[®] LT[™]

Directional Drilling Locating System



Designed for maximum versatility in HDD operations, the DigiTrak[®] LT[™] Locating System is lightweight, very fast, and simple to use. While it is well suited for shallow depths and areas where compact equipment is required, the DigiTrak LT system has an impressive 33-ft (10.1-m) range and features locating technologies that reflect DCI's most current innovations.

The DigiTrak LT system's real-time graphic display allows the drill head to be tracked while it is moving or "on-the-fly." This feature minimizes or eliminates idle time for the drill rig. DCI's patented *Ball-in-the-Box*[™] locating function has been incorporated into the LT system, providing the intuitiveness and simplicity that operators first discovered in the Mark series of locators.

Both the DigiTrak LT receiver and the DigiTrak LT remote display show depth, pitch, roll, temperature, and battery status information for the transmitter. Both are powered by DigiTrak NiCad battery packs, which are provided with the system along with a battery charger.

A short-range 15 ft (4.6 m) transmitter fits both smaller-diameter "mini" drill rig housings and standard housings with an adapter. A long-range 33 ft (10.1 m) transmitter fits larger rigs or longer, deeper shots.

- Versatile applications
- Compact, lightweight design
- Fast and easy to use
- Menu-driven operation
- Advanced circuitry for enhanced roll/pitch speed
- Incorporates DCI's newest, most-advanced technologies
- Eight communication channels for congested drilling areas

Specifications

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|---|--------------------------------|
| Receiver model number | LDR |
| Remote display model number..... | LDD |
| Long-range transmitter model number | LX |
| Short-range transmitter model number..... | LS |
| Receiving frequency | 12 kHz |
| DigiTrak [®] NiCad Battery life..... | 8–12 hr (approx.) |
| LX power source..... | Two C-cell batteries |
| LS power source..... | One AA battery |
| Battery charger | 12/28 VDC or 110/220 VAC |
| Depth range (LX/LS)..... | 33 ft (10.1 m) / 15 ft (4.6 m) |
| Telemetry range..... | 8 channels, 500 ft (152.4 m) |
| Operating temp. range..... | -4 to 140°F (-20 to 60°C) |
| Accuracy..... | ±5% absolute |



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