

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 *target-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 is offered for the new, smaller-diameter "mini" drill rig housings, as well as an adapter for the short-range transmitter to fit into standard housings. Also, a long-range (33 ft [10.1 m]) transmitter is offered for 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

Receiver model number	LDR
Remote display model number.....	LDD
Long-range transmitter model number	LX
Short-range transmitter model number	LS
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 V DC or 110/220 V AC
Depth range (LX/LS).....	33 ft (10.1 m)/ 15 ft (4.6 m)
Telemetry range.....	8 channels, 500 ft (152.4 m)
Operating temperature	
range.....	-4°F to 140°F (-20°C to 60°C)
Accuracy.....	±5% absolute



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