

DigiTRAK® F2®

Directional Drilling Locating System

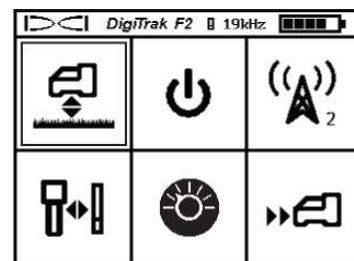


- Two transmitter frequency options
- Streamlined graphic display and intuitive icon-driven menus
- Roll offset to adjust transmitter's 12:00 o'clock position to match the drill head
- Roll and pitch signal quality indicator
- Left/right and up/down Target Steering® for straighter pilot bores
- Off-track guidance when direct walkover locating is not possible
- Long-lasting lithium-ion rechargeable batteries

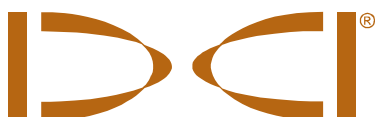
The DigiTrak® F2® Directional Drilling Locating System features DCI's patented 3D antenna configuration, an increased depth range, two transmitter frequencies, intuitive graphics, lithium-ion batteries, and icon-driven menus that make it easy to learn.

Ball-in-the-Box™ locating lets you walk directly to a locate point from any direction. Multiple transmitter options in two frequencies help overcome jobsite interference better than ever at depths of up to 90 ft (27.4 m). The 12-kHz DucTrak™ transmitters track existing non-metallic ducts. Electronic roll offset allows the transmitter's 12 o'clock position to be easily corrected to match that of the drill head.

Qualities like these make the F2 receiver a reliable, hard-working, easy-to-use horizontal directional drilling (HDD) locator. There's little question why the F2R is an award-winning locating device providing a best-in-class user experience.



F2 Receiver Menu



DIGITAL CONTROL INCORPORATED

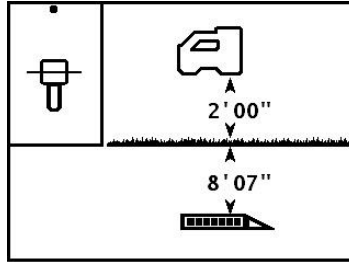
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DigiTrak® F2 Locating System

The F2 receiver gives a bird's-eye view of the relative positions of the receiver and transmitter. It also provides the transmitter's roll, pitch, signal strength, temperature, and battery strength. During a depth reading, the depth display shows a side view of the drill head along with the bird's-eye view, providing the transmitter's location in three dimensions on the same screen. The F2



Depth Display

receiver provides depth readings over the transmitter and predicted depth readings at the front locate point (FLP), allowing for tracking on-the-fly over a level drill path. All of this information is sent to the remote F Series display (FSD™) on the drill rig.

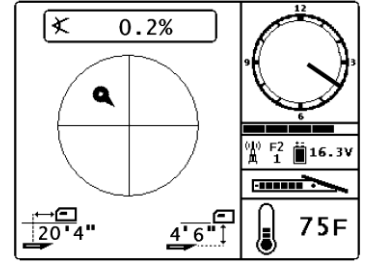
The FSD displays transmitter roll, pitch, temperature, and battery life during drilling, plus depth when the receiver takes a depth reading.

F2 Receiver Specifications

Model number F2R
 Receiving frequencies 12 or 19 kHz
 Power source Lithium-ion battery pack
 Battery life 10–14 hrs
 Battery charger 10–28 VDC
 Functions Menu-driven
 Controls Trigger switch
 Graphic display LCD
 Audio output Beeper

Telemetry channels¹ 4
 Telemetry range² 1800 ft (550 m)
 Operating temperature -4 to 140° F (-20 to 60° C)
 Accuracy ±5% absolute
 Dimensions 15 x 5.5 x 11 in. (38.1 x 13.97 x 27.94 cm)
 Weight (with battery) 7.7 lb (3.5 kg)

Target Steering® calculates the distance and depth of the transmitter for the current bore path. This lets you make up/down and left/right steering corrections on the way to the target, resulting in straighter pilot bores. Crisp graphics make this function easy to set up and operate.



Target Steering Display

The FSD remote display will work with any compatible DigiTrak receiver*. If you already own a DigiTrak Multi-Function Display (MFD®), it can be upgraded to work with an F2 receiver.

The F2 system comes with an F2R receiver, FSD remote display, three DigiTrak lithium-ion battery packs, and an intelligent charger with both AC and DC power cords. Transmitters are sold separately.

* Compatibility is dependent on local frequency licensing requirements.

F Series Display Specifications

Model number FSD
 Power source Lithium-ion battery pack/12–28 VDC
 Battery life 14–18 hrs
 Battery charger 10–28 VDC
 Controls Five-button touch pad
 Graphic display LCD
 Audio output Beeper
 Telemetry range 1800 ft (550 m)
 Telemetry channels¹ 4
 Operating temperature -4 to 140° F (-20 to 60° C)
 Dimensions 9.5 x 7.6 x 8.5 in. (24.13 x 19.3 x 21.6 cm)
 Weight (with battery) 6.2 lb (2.8 kg)

¹ Local telemetry frequencies and power levels available at www.DigiTrak.com.
² Telemetry range can be increased with an optional external receiving antenna.

DCI is committed to delivering the industry's best walkover locating experience. Please contact us if you need more information.