



Single-Band Workhorse

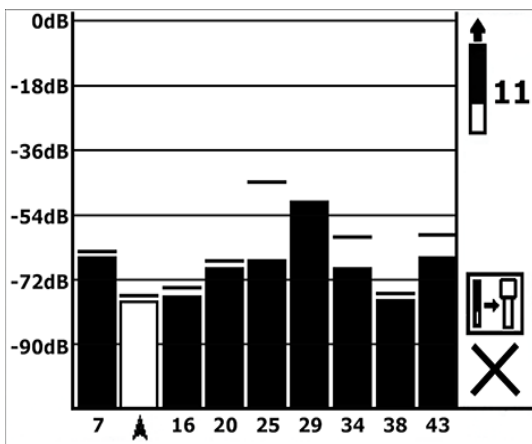
The DigiTrak Falcon F1™ is an entry-level locator that offers Falcon technology to customers who typically perform short and shallow bores.

The Falcon F1's single-band locator uses the same frequency optimization technology as other Falcon locators.

Interference Won't Stop Your Job

Interference is one of the primary obstacles to completing HDD bores. It can interrupt data, prevent reliable locating, and result in inaccurate depth measurements.

The Falcon F1 scans for interference along the bore path using Falcon's frequency optimizer. The results are displayed on the screen and the 17 best-performing frequencies are assembled into a single frequency band.



For extreme interference, engage *MAX Mode* to stabilize depth readings and boost data range.

Upgrade to the Falcon F2® to unlock the performance advantages of choosing from nine bands.

Features at a Glance

- Scans frequencies from 9.0 kHz to 13.5 kHz to minimize active interference
- *MAX Mode* boosts data range and stabilizes depth readings
- DCI's world-renowned *Ball-in-the-Box™* user interface
- Compatible with *DigiTrak Aurora®* touchscreen display and *Falcon Compact Display (FCD)*
- New V2 transmitters with MultiPower mode to balance between battery life and range

Remote Displays

Falcon F1 can be used with either the Aurora or the FCD remote displays for advanced steering capabilities.

With **Aurora® Touchscreen Display** you can use *Target Steering* to place the Falcon F1 locator ahead of the drill head as a target with left/right and up/down navigation.

Falcon Compact Display (FCD™) is a rugged, entry-level display that gives the drill rig operator left/right remote steering capability with data for the range of the transmitter.

Customer Service and Technical Support

Get free 24/7 customer service and technical support across the whole product line.

Master your equipment with step-by-step instructions in the **DCI DigiGuide™** App for smart devices, or watch tutorials from the extensive Digital Control video library on YouTube.

DCI Warranty

Industry first usage-based transmitter warranty: 3 years or first 500 hours of use, whichever comes first. Extended 5-year/750-hour warranty coverage available.

Falcon 8-in transmitters have a 90-day warranty.

Falcon locators, remote displays, software, and battery products have a 1 year warranty.

For more information, contact Customer Support.

FT1 and FTS Transmitter Specifications

15-inch

Product ID	FT1
Model number	BTW
Transmitting frequencies	9.0–13.5 kHz
Standard Power depth/data range ¹	75 ft./100 ft.
Low Power depth/data range ¹	50 ft./75 ft.
Pitch resolution ²	±0.1% at level
Standard Power battery life, alkaline/SuperCell	up to 20/70 hrs
Low Power battery life, alkaline/SuperCell	up to 30/160 hrs

8-inch

Product ID	FT1S
Model number	BTS
Transmitting frequencies	9.0–13.5 kHz
Depth/data range ¹	25 ft./30 ft.
Pitch resolution ²	±0.1% at level
Battery life, 123 3V lithium	up to 12 hrs

¹ Range figures are based on SAE Standard J2520. Actual ranges and battery life will vary based on environment, transmitter housing, frequency, and power mode. Data ranges based on MAX Mode.

² Pitch resolution decreases with increased pitch; see manual for details.

Falcon F1 Locator Specifications

Product ID	FF1
Model number	FAR2
Receiving frequencies	9.0–13.5 kHz
Telemetry channels ¹	4
Telemetry range ²	Up to 3000 ft
Accuracy ³	5%
Pitch resolution	0.1% at level, decreasing with increased pitch
Target steering range ⁴	35 ft
L/R steering range	Range of transmitter
Power source	NiMH battery pack
Battery life	5–7 hrs
Functions	Menu-driven
Controls	Trigger switch
Graphic display	LCD
Audio output	Beeper
Voltage, current	14.4 VDC nominal, 300 mA max
Operating temperature	-4 to 140° F
Dimensions	11 x 5.5 x 15 in
Weight (with battery)	7.6 lb

¹ Local telemetry frequencies and power levels available at digital-control.com.

² Telemetry range is dependent upon the remote display and antenna. Range can be increased with an optional external receiving antenna.

³ Over specified depth range for each transmitter model.

⁴ Requires an Aurora Display.

Falcon Compact Display Specifications

Product ID/Model number	FCD
Power source	NiMH battery pack
Battery life	10–14 hours
Voltage, current	14.4 VDC nominal, 150 mA maximum
Controls	Button
Graphic display	LCD
Audio output	Beeper
Telemetry range ²	1000 ft.
Telemetry channels ¹	4
Dimensions ³	8.3 x 8.8 x 8.5 in.
Weight	4.6 lb

¹ Telemetry range is dependent upon the remote display and antenna. Range can be increased with an optional external receiving antenna.

² Local telemetry frequencies and power levels available at digital-control.com.

³ Dimensions do not include external mounting hardware.