

DigiTRAK® ECLIPSE® SST® Guidance System

The DigiTrak® Eclipse® SST® advanced HDD guidance system is easy to use, and it delivers quick and accurate steering data. The system eliminates the need for a DC wire grid and its lengthy setup time. Due to the small size of the SST® transmitter, tight turning radii can be achieved.

The SST® system monitors the tool's compass heading (azimuth) in degrees and provides the

operator with a lateral deviation (in degrees) from the intended path for quick steering corrections.

With the Eclipse® receiver and remote display, the operator can view real-time position and depth data. A laptop computer also graphically displays the tool's progress in real time. It shows both a profile view of the bore and a bird's-eye view of the lateral deviation.



SST® Transmitter Specifications

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| Battery type | 12V to 28V DC |
| Battery life | Cable power |
| Operating temperature range | 22°F to 122°F (-5.6°C to 50°C) |
| Diameter | 1.25 in. (31.8 mm) |
| Length | 24 in. (610 mm) |
| Weight | 3 lb (1.4 kg) |

- Real-time measurements of:
 - Compass heading (azimuth)
 - Tool face (roll) positions
 - Inclination (pitch) in degrees
 - Temperature in Fahrenheit or Celsius
- Computed depth and lateral position
- Available as an upgrade to the Eclipse® iGPS® (inGround Positioning System)



DCI Headquarters

19625 62nd Ave. S., Suite B-103, Kent, WA 98032 USA
 Tel 800 288 3610 / 425 251 0559 • Fax 253 395 2800
 E-mail DCI@digital-control.com • www.digitrak.com

DCI Europe, Kurmainzer Strasse 56, D-97836 Bischbrunn, Germany • T +49(0) 9394 990 990 • F +49(0) 9394 990 999 • DCI.Europe@digital-control.com
DCI Australia, 2/9 Frinton Street, Southport, Queensland 4215, Australia • T +61(0) 7 5531 4283 • F +61(0) 7 5531 2617 • DCI.Australia@digital-control.com
DCI India, SCO # 259, Sector 44-C, Chandigarh (UT) 160 047, Punjab, India • T +91(0) 172 464 0444 • F +91(0) 172 464 0999 • DCI.India@digital-control.com
DCI China, USA Excalibre, 2803 Bldg C, 70 Cao Bao Rd, Shanghai P.R.C. 200233 • T +86(0) 21 6432 5186 • F +86(0) 21 6432 5187 • DCI.China@digital-control.com