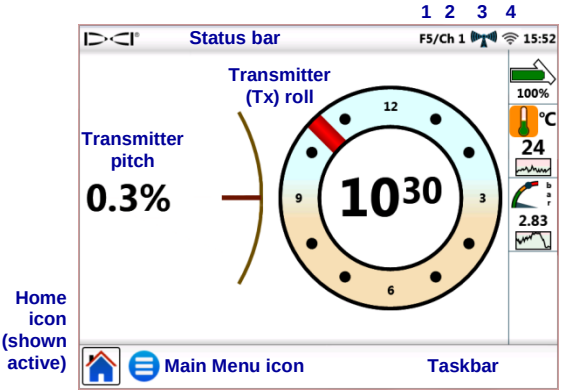
Home Screen



Data displays automatically when broadcast from a DigiTrak® receiver. From any other screen, tap **Home** to return.

System Setup

Tap **Main Menu** to reach **Settings**.

For primary device settings, tap **Device**, then the appropriate tab to set:

- date, time, time zone, language, and profiles
- units: temperature, distance, angle, pressure, and force
- screen brightness and speaker volume (volume must be above zero to be adjustable in onboard videos)

To set up a Wi-Fi or Bluetooth® connection, tap **Network**.

To set temperature and pressure alarms, tap **Alarms**.

To toggle pitch history on or off, tap **Pitch History**.

To set your receiver model, telemetry channel, or region, tap **Receiver** (this guide assumes an F5 receiver).

To set up an SST® or cable transmitter, tap **Peripherals**.

To install software updates or applications, tap **Update**.

On the **Main Menu**, use the **Help** options to access safety warnings, system information, self-tests, this Quick Start Guide, or instructional videos.

Check Systems

At the **Main Menu**, tap **Power On Self-Tests** for information on tests the Aurora™ display completed when powering up. This is useful for troubleshooting a particular component that may not be properly connected, powered on, or enabled.

Using the Home Screen

Telemetry Signal Strength

The number of bars in the telemetry signal strength icon indicates the strength of signal reception. A grey icon indicates no reception; a steady black icon indicates Aurora is connected to a receiver that is not sending data. A flashing blue icon indicates Aurora is receiving new data from the receiver.

Roll Offset

When roll offset is enabled on the receiver for a standard transmitter, it displays on the Home screen automatically. Tap and hold the roll offset clock only for cable transmitter roll offset.

Fluid Pressure

Fluid pressure values are only available with a fluid pressure transmitter or TensiTrak® system; maximum displayed pressure is 17.2 bar. Pressure over 17.2 bar displays as **+OL**.

Temperature

Because the digital thermometer is inside the transmitter, it takes time to detect temperature increases due to external drilling conditions. Use the Transmitter (Tx) temperature and history on the **Home** screen to monitor temperature and resolve increases quickly to avoid irreversible transmitter damage.

Menu Shortcuts

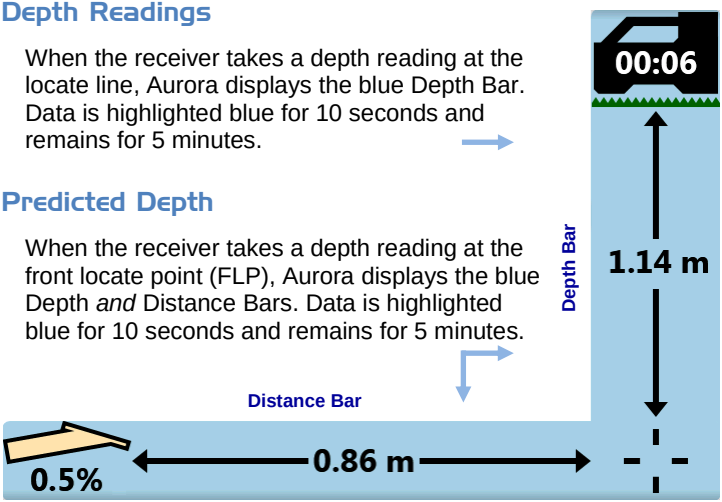
Tap and hold screen elements like pitch, temperature °C, or receiver/telemetry channel (**F5/Ch1** on the screen on page 1) to jump to settings for those elements.

Depth Readings

When the receiver takes a depth reading at the locate line, Aurora displays the blue Depth Bar. Data is highlighted blue for 10 seconds and remains for 5 minutes.

Predicted Depth

When the receiver takes a depth reading at the front locate point (FLP), Aurora displays the blue Depth *and* Distance Bars. Data is highlighted blue for 10 seconds and remains for 5 minutes.



See our DigiTrak Training Videos on YouTube at
www.youtube.com/dcikent

For detailed information, see the Aurora Operator's Manual, available at ***www.DigiTrak.com***. If you have questions, contact your regional DCI office or Customer Service at 425.251.0559 or 800.288.3610.

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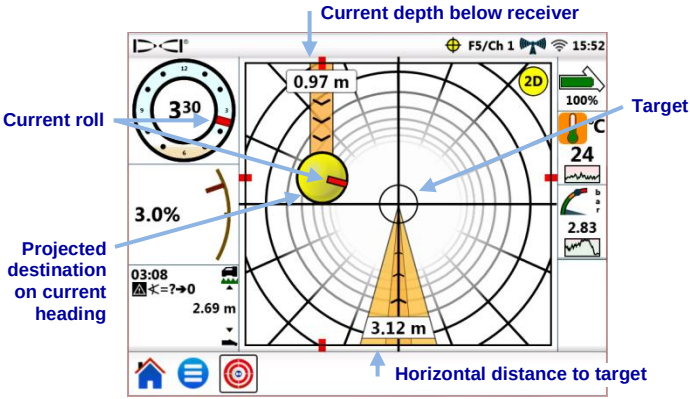
Target Steering

When a target depth is entered on the receiver, Aurora™ automatically enables the Target Steering® screen.



Steer the yellow steering indicator ball (the projected destination) onto the target. In this case, the drill head is currently estimated at 0.97 m below the plane of the receiver and must travel 3.12 m to reach the target point below the receiver.

The red marker inside the target ball shows the current roll position of the drill head. When the marker points toward the target, the drill head is correctly positioned to drill closer to the intended bore path. As the drill head moves forward, the steering indicator will also move. Monitor the steering indicator closely, make small steering adjustments promptly, and watch and wait for the results.

The flashing target steering icon in the Status bar indicates target steering data is being received. If target steering data is lost, the app remains loaded so once data resumes, it will continue processing without interrupting your current task.

Tap 2D at any time to use the classic target steering view from previous versions of DigiTrak remote displays.