Envizio Pro II™ & SmarTrax™

This is an interactive PDF showing the steering screens on the field computer.
Most buttons are active so press on them and see what happens.

iPhone/iPad users: Please visit the App store to download and install the Adobe PDF viewer app. Just open the PDF in this app and then press the ⟳ icon (lower left corner) and select "Single Page" for your viewing preference.

Android users: Please visit the Playstore to download and install the Adobe PDF viewer app. Just open the PDF in this app and then press your Settings or Menu button on your phone or tablet. Choose View Settings and change your viewing preference to "Single Page."

press the Next button to start!

SmarTrax Settings

Line Acquisition Aggressiveness

↑ 10 ↓

On-line Sensitivity

↑ 10 ↓

SmarTrax Information	3D Setup
Advanced Setup	System Diagnostics
Reset Default	Recal Hydraulics

SmarTrax Information

Sensor Type: **YAW**

Machine Type: **A Machine**

Control Device: **Steer Ready**

Antenna Height: **12.8 ft** | Set

Antenna Fore/Aft: **9.1 ft** | Set

Wheel Base: **14.2 ft**

SmarTrax Sensor Setup

Sensor Type: **YAW**

Current Wheel Angle: **0.0** degrees

Current Reading: **506**

Yaw Sensor Calibration

Zero Yaw

1.64

Antenna Height

Enter the height of the antenna location above ground level.

12.8 ft

1	2	3
4	5	6
7	8	9
-	0	.

Steering Fore/Aft

Enter the fore/aft distance from the rear axle to the antenna.

9.1 ft

1	2	3
4	5	6
7	8	9
-	0	.

SmarTrax Advanced Setup

HDOP Limit	GPS Baud	Disengage Setting
⬆	⬆	⬆
2.5	19200	150
⬇	⬇	⬇

Service Mode

Service Code

1	2	3
4	5	6
7	8	9
-	0	.

Date: 0/0/0
Serial Number: 5100
Entries: 0
SW Version: 7.3.21

SmarTrax Error

Invalid code entered.

SmarTrax Sensor Setup

Sensor Type: **YAW**

Current Wheel Angle: **0.0** degrees

Current Reading: **506**

Yaw Sensor Calibration

Zero Yaw

0.0

SmarTrax Advanced Setup

Current Compensation: Bypass

☐ Anti-Oscillation

SmarTrax Advanced Setup

Current Compensation: Bypass

☒ Anti-Oscillation

SmarTrax Alert

Resetting all settings to default will require a
complete recalibration of the system.

Reset all settings to default now?

SmarTrax Alert

This will require hydraulic recalibration. Autosteer will not be available until this is complete.

Would you like to continue?

System Diagnostics

Error Status

Reset

Average Speed:	0.0 mph	2 Inch:	0 %
Average Error:	0 Inch	4 Inch:	0 %
Elapsed Time:	0.0 min.	8 Inch:	0 %

Left PWM		Right PWM	
Gain:	80	Gain:	84
Max:	72.0%	Max:	89.3%
Min:	0.8%	Min:	0.6%

Modify PWM Settings

Manual

Version Runtime: 0.6 hr.

Message Frequency 0

System Diagnostics

Error Status

Reset

Average Speed:	0.0 mph	1 Inch:	0 %
Average Error:	0 Inch	2 Inch:	0 %
Elapsed Time:	0.0 min.	4 Inch:	0 %

Left PWM

Gain:	68
Max:	100.0%
Min:	45.4%

Modify PWM Settings

Auto

Right PWM

Gain:	71
Max:	100.0%
Min:	41.8%

Version Runtime: 0.0 hr.

Message Frequency 5

SmarTrax PWM Setup

Left PWM		Right PWM		PWM
Min	Max	Min	Max	Freq
⬆	⬆	⬆	⬆	⬆
0.0%	72.0%	0.0%	89.0%	100 Hz
⬇	⬇	⬇	⬇	⬇

SmarTrax Manual Steering

Left Manual Steer

| Min | 1 | 2 | 3 | 4 | 5 | 6 | Max |

Right Manual Steer

| Min | 1 | 2 | 3 | 4 | 5 | 6 | Max |

Target Current: 0 mA

Actual Current: 0 mA

SmarTrax 3D Compensation

Forward: 1

Downward: 6

Roll 0.0 Deg

Pitch -0.1 Deg

Yaw 0.1 Deg

Yaw Rate 0.0 Deg/Sec

Current
Direction

Active

Calibrate 3D

SmarTrax 3D Compensation

Forward: 1

Downward: 6

Roll 0.0 Deg

Pitch -0.1 Deg

Yaw 0.1 Deg

Yaw Rate 0.0 Deg/Sec

Current
Direction

Active

Calibrate 3D

SmarTrax 3D Compensation

Forward: 1

Downward: 6

Roll   0.8 Deg

Pitch   0.5 Deg

Yaw   0.0 Deg

Yaw Rate   0.0 Deg/Sec

Current
Direction

Bypass	Calibrate 3D

3D Calibration

Calibration Instructions:

1. Stop on flat surface

2. Flag your rear tires

3. Press start calibration

4. Turn machine around and park with rear axle in the same position as before

5. Press end calibration

3D Calibration

Stop on flat surface and flag your rear tires.

COG: 0 Deg

Speed: 0.0 mph

Left/Right: 0 ft

Fore/Aft: 0 ft

Roll: 0.0 Deg

Pitch: 0.0 Deg

Start Calibration

SmarTrax Error Log

OnLine-21:19:12-06/10

Serial No.: 5100   Machine DB: 02.049.0004

Hardware Rev: C   Software Rev: 7.3.21