

STX™ Guidance System

Value based RTK Precision Farming Solution



The Outback STX™ Guidance System is the culmination of combining full RTK capability in an autosteer ready, value based terminal. The Outback STX incorporates some of the industry's best innovations in a system priced below competitive terminals in this segment of the market.

The Outback STX is compatible with the full line of field proven Outback Autosteer Systems. This includes eDriveX™ with the eTurns™ automated turn solution.

The STX is RTK capable when used in conjunction with a MAX Rover and Outback RTK base stations. If the cost of an RTK capable system has been a hurdle in the past, the Outback STX is your RTK solution.

Outback STX™ Features

- Integrated Eclipse™ P300™ GNSS receiver offering easy scalability from L1 GPS to L1/L2 GNSS
- GLONASS ready (unlock required)
- **OmniSTAR** option available*
- RTK correctors through a combination of the Outback MAX rover and any one of Outback's portable or fixed base stations such as A321, A221, and BaselineX
- Compatible with Outback's entire autosteer line including eDriveX and eDriveTC
- 7" high-resolution touch screen

STX Precision Package

Combine the Outback STX with these field-proven units and create the ultimate precision package.

- 1 eDriveX Auto Steer with eTurns
- 2 Outback RTK base stations

Specifications

Computer

Processor: ARM Cortex-A8 @ 800MHz
Storage: 8MB NOR, 2GB NAND, 512MB DDR3 RAM
Operating System: Linux
Display Type: 7" LCD TFT WVGA (800x480 res)

Mechanical

Case: Aluminum
Weight: 1.14 kg (2.5 lbs)
Mount: Adjustable 1" RAM Ball Mount
Screen Size: 154.4mm x 91.44mm (6.0" x 3.6")

GNSS Receiver

Receiver Type: GNSS L1 & L2 RTK with carrier phase
Signals Received: GPS & GLONASS (with subscription)
Channels: 270
Update Rate: 1 Hz standard, 10 Hz optional
L-band: Optional LX-2 board

* OmniSTAR® is a registered trademark of Trimble Navigation Limited.

Specifications - continued

Communication

Serial Port: RS232, DB-9
Radio Interface via Serial Port: 2x
CAN: 2x
USB: 1x 2.0 Host
Ethernet: 1x through cabling
Ground Speed Interface: 4-pin circular
Data I/O Protocol: NMEA 0183, NMEA 2000

Environmental

Operating Temp: -20C to +60C (-4F to 140F)
Storage Temp: -40C to +85C (-40F to 185F)
Enclosure IP rating: IPx4
Vibration: EP455 Mechanical vibration – Random section 5.15.1
Shock: EP455 Mechanical shock – Operational section 5.14.1

EMC

FCC part 15, Subpart B
CISPR22:2008
ISO14982

Power

Input Voltage: 9 - 36 VDC
Power Consumption: 12W
Current Consumption: 1.0 A @ 12 VDC

Antenna

A50 – GPS L1/L2/L5, GLONASS L1/L2, Beidou, SBAS, L-band
DGNSS/HP/XP (**OmniSTAR**), Galileo E1/E5a and b

Audio

1x single frequency buzzer

Sold locally by:



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