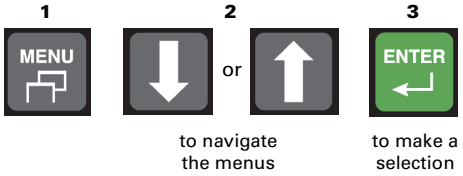
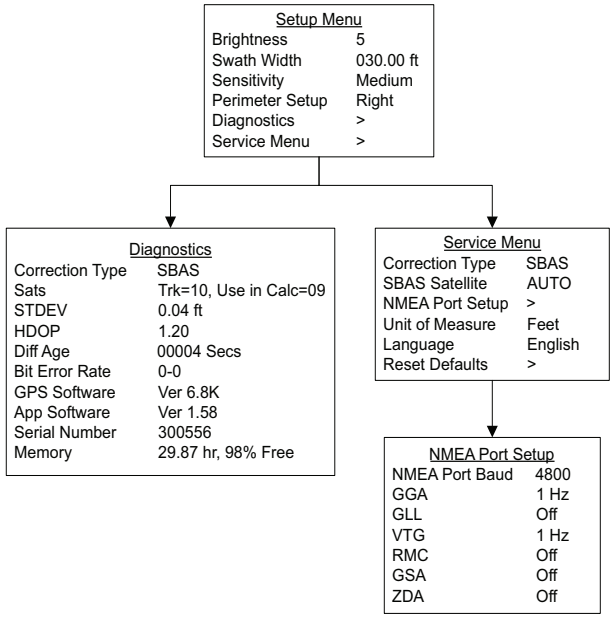
Selecting Menu Options



All S-Lite menu items are shown below.



Menu and Item Descriptions

Setup Menu

Item	Description
Brightness	Adjust display and LED brightness—1 (dim) to 10 (bright).
Swath Width	Adjust to equal the width of the implement or boom.
Sensitivity	Adjust manual guidance indicator sensitivity to LOW, MEDIUM, or HIGH.
Perimeter Setup	Select RIGHT, CENTER, or LEFT edge of swath width for field perimeter area calculation.
Diagnostics	See “Diagnostics Menu” after this table.
Service Menu	See “Service Menu” after this table.

Diagnostics Menu

Use this menu to view current settings (read-only).

Item	Description
Correction Type	Type of differential correction being used—SBAS (default) or e-Dif.
Sats	Number of GPS satellites currently visible in the sky (not including correction satellites).
STDEV	Pseudo-estimate of DGPS solution accuracy. Valid only if six or more satellites are used in the solution calculation.Typical values for SBAS are 0.15 m - 0.45 m (0.5 ft -1.5 ft).
HDOP	Horizontal dilution of precision indicates the influence of the current GPS satellite constellation geometry on the horizontal accuracy of the position solution. Lower HDOP values indicate better geometry. Typical valves are 0.8 - 2.0.
Diff Age	Age (in sec) of RTCM corrections used in DGPS calculation. Optimal value is < 7.
Bit Error Rate	Quality of the correction data received from SBAS satellites. S-Lite can track one or two correction satellites and each satellite is represented by a different BER value. The scale of each value is 0 to 500, with 0 being the best (highest quality signal) and 500 being the worst. When tracking two correction satellites the two values are separated by a hyphen, such as 20-200.
GPS Software	GPS software version.
App Software	Application software version.
Serial Number	Serial number of your S-Lite—this should match the number on the serial number tag on the back of the console.
Memory	Remaining memory (in hours). All passes are recorded in memory until erased at the end of each field. To clear memory, press the STOP GUIDANCE button then select Erase Memory.

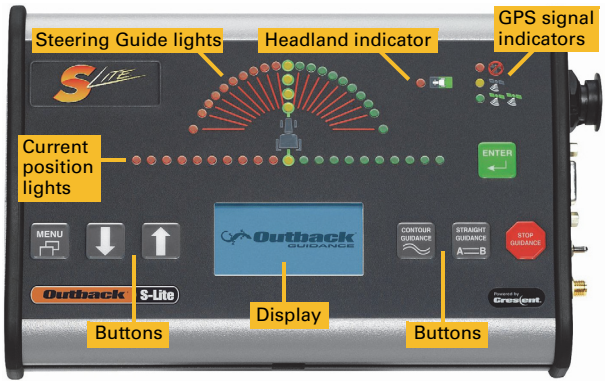
Service Menu

Use this menu to select settings.

Item	Description
Correction Type	Select differential correction type (SBAS or e-Dif).
SBAS Satellite	Optional menu item appears only if you select SBAS as the correction type.
NMEA Port Setup	Display NMEA Port Setup menu where you set the baud rate and message update rates.
Unit of Measure	Select unit of measure (feet or meters).
Language	Select language.
Reset Defaults	Reset factory defaults.

Outback S-Lite
Quick Reference Guide

Console Features



Button Functions

MENU — Access the Setup menu and submenus

STRAIGHT GUIDANCE A—B — Activate Straight Guidance mode

Navigate menus or toggle between run screen views

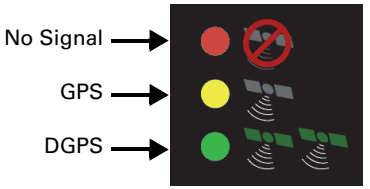
STOP GUIDANCE — Stop guidance/ stop logging data

CONTOUR GUIDANCE — Activate Contour Guidance mode

ENTER — Make selection

Indicators and Displays

Signal Indicators



S-Lite automatically searches for available signals

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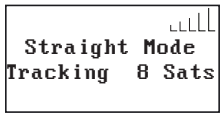
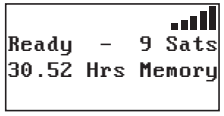
Differential Corrections (DGPS)

Two differential correction options are available: SBAS or e-Dif. Use the Correction Type item (Service menu) to change the current setting. On powerup S-Lite may track GPS satellites for ten minutes before generating differential corrections (during which the vehicle may be moving or stationary).



While tracking, the yellow GPS LED is illuminated and the number of tracked satellites is displayed.

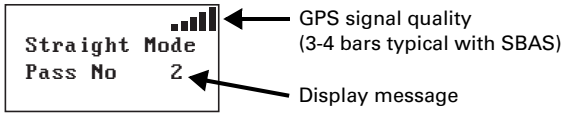


When finished tracking, the green DGPS LED is illuminated and "Ready" appears with the number of satellites tracked.

Headland Alert Indicator

The red Headland Alert LED illuminates when you approach a previously applied area.

Main Run Screen Display



Using Straight Guidance

Creating an A=B Line

1 — STRAIGHT GUIDANCE A=B — at start of first pass

2 — ↓ — to select **Set New AB Pt**

3 — ENTER

4 — ENTER — to set Point A

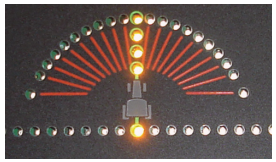
5 — Drive first pass

6 — ENTER — to set Point B

Beginning Straight Guidance

After setting the A=B line, S-Lite automatically begins guidance.

1. Turn steering wheel in direction indicated by Steering Guide lights to remain centered on the current pass.
2. At end of current pass, turn around. S-Lite automatically detects the next pass and resumes guidance.



Passes are numbered consecutively from the A=B line but can be worked in any order. S-Lite detects the nearest pass (located at multiples of the swath width) and displays the pass number. Pass 1 is on the right of the A=B line, Pass -1 is on the left.

Snapping the A=B Line

1 — Already in Straight mode

2 — ↑

3 — STRAIGHT GUIDANCE A=B — to align nearest A=B line with current position

4 — ↓ — to return to main run screen

Using Stop Guidance

Holding Data Logging/Guiding

1 — STOP GUIDANCE

2 — STRAIGHT GUIDANCE A=B or CONTOUR GUIDANCE — **Use Previous** is selected

3 — ENTER — to continue current job

Saving a Return Point

1 — STOP GUIDANCE — **Return Here** is selected

2 — ENTER — to save return point

3 — STRAIGHT GUIDANCE A=B or CONTOUR GUIDANCE — **Use Previous** is selected

4 — ENTER — to continue current job

Returning to a Previously Saved Point

1 — STOP GUIDANCE — **Return Here** is selected

2 — ↓ — to select **Rtrn Prev Pt**

3 — ENTER — to guide to previous point

4 — STRAIGHT GUIDANCE A=B or CONTOUR GUIDANCE — **Use Previous** is selected

5 — ENTER — to continue current job

Erasing Memory

For new jobs erase all previously recorded passes and points.

1 — STOP GUIDANCE — **Return Here** is selected

2 — ↓ — to select **Erase Memory**

3 — ENTER — to erase data and return to main run screen

Using Contour Guidance

1 — CONTOUR GUIDANCE — at start of first pass

2 — Drive first pass without using Steering Guide

3 — At end of pass turn around and begin second pass (S-Lite detects previous pass and begins steering)

Calculating an Area

1 — STOP GUIDANCE — **Return Here** is selected

2 — ↓ — to select **Erase Memory**

3 — ENTER — to erase data and return to main run screen

4 — MENU

5 — ↓ — to select **Perimeter Setup**

6 — ↓ — to select **Center**, **Left**, or **Right**

7 — CONTOUR GUIDANCE

8 — Drive the outside edge of field

9 — ↓ — to display current area

10 — When within one swath width of starting point S-Lite closes perimeter and displays final area

Guidance Summary

Item	Straight Guidance	Contour Guidance
Mode	Predefined parallel and numbered passes (straight or circular).	Freestyle. Guide relative to any previous Contour Guidance pass or Straight Guidance pass.
Work Saved in Memory	Yes. Recorded work in Straight mode is used if you switch to Contour mode and make a pass along previous work.	Yes. The recorded pass defines the guidance for the next pass (but you can guide relative to any previous pass—see Mode above).
A=B Points Required	Yes. A=B points define first pass; next passes laid out automatically.	No. Guidance is based on previous passes—see Mode above.
Guides from Previous Pass	No. Straight guidance only looks at predefined parallel lines spaced by the implement width.	Yes. Once S-Lite "sees" another previous pass close by, it automatically guides on that pass (but you can guide relative to any previous pass—see Mode above).
Numbered Passes	Yes. First A=B line is pass #0. Right passes are +1, +2, etc.; left passes are -1, -2, etc.	No
Swath Width Integrity	Yes. All passes are equal to the swath width you set before defining your A=B line.	No. Driving errors add with each subsequent pass.
Switching Modes	Yes. You can switch between modes at any time. Contour mode recognizes previous Straight mode passes. When switching to Straight mode, you can use a previous A=B line or set a new one.	
Skip Passes?	Yes. You can complete passes in any order, since they will still be uniformly spaced across the field.	If you drive along a path different than previous paths S-Lite records (logs) this as a new path. Subsequent passes are guided from this path.