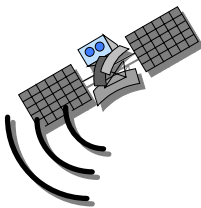


Lightbar Guidance System With Wireless Remote Control.....



CenterLine offers the most features and wireless convenience in one complete kit. This compact lightbar guidance system is available with a choice of D-GPS receivers and comes with a wireless remote control that is used to setup and control the system through menus and options displayed on the lightbar. CenterLine's attractive design combines a low-impact size with easy-to-see lights that are fully adjustable using dedicated buttons on the keypad. It can be dimmed to efficiently run at night and brightened to be easily seen in full sunlight.

The keypad is backlit for easy nighttime operation, and because it turns on and transmits only when a key is pressed, one set of ordinary batteries can easily power the remote control for a season's worth of operation.

The powerful remote permits the lightbar to be mounted inside or outside on the bonnet. When mounted outside no cables are required in the cab.

Straight or Curved Guidance

CenterLine will guide you in swaths of all kinds. Choose from parallel, headland or curved A B modes. In any guidance pattern CenterLine automatically guides you to the nearest swath with distance count down to the next swath when turning on headlands. Should you enter a previously applied or covered area an on-screen warning will appear. It saves you money, product and potential liability .

Displays the information you want

A text display automatically reports information of your choice.

Here's what can be viewed in real time:

- Current position error from active swath
- Current swath number
- Vehicle speed
- Area that's been applied
- Course relative to 360° position

Wireless Remote Control Unit

CenterLine's ergonomic, handheld control is easier to manage than most TV remotes with just 7 easy-to-read keys that allow you to scroll through menus and information displayed on the lightbar.

Area Measurement

By simply choosing the area function from the real-time menu, true area of a field is measured from your first headland pass. Area is calculated from the outside edge of the boom or machine.

Return To Point

Use the dedicated return to point button on the wireless keypad to mark a position in the field to return to later i.e. when running out of material mid field. This feature can also be used to accurately measure distance.

Better than foam markers

It's as easy to use as a foam marker, but without the mess of filling up in the morning and cleaning up at night. CenterLine is also more economical in the long run, and nearly pays for itself in one season through reduced overlaps.

Easy to Install. Easy to Use

CenterLine takes just a few minutes to install, so it's easy to move from one vehicle to another as your needs change with the seasons. There are only two cables: a power cable to the vehicle battery, and another to the GPS receiver/ antenna on the roof. Setup is easy and is saved in the memory, so you only have to do it once when you install it on a sprayer or tractor. After your first-time set up, you can start guidance by hitting the enter key twice. After that, you don't have to input anything. CenterLine knows when it's on a new track, and will keep you informed of which one.

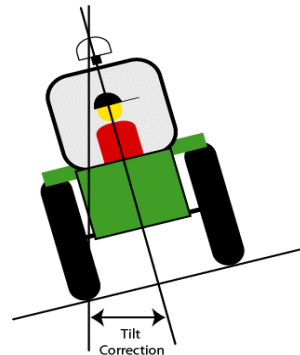
Mapping & Data Collection

Now CenterLine is compatible with the Smart Pad II hand held computer which enables mapping and data collection. This rugged handheld uses a CompactFlash storage card to hold field boundaries, field hazards, soil sampling data and application records. The touch sensitive color screen displays clear vehicle swath coverage in either solid or swath based view.



Tilt Correction Module

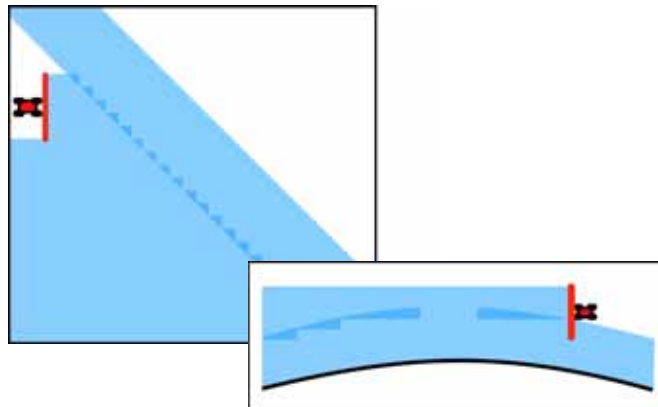
The Tilt Correction Module corrects GPS errors caused by side slope conditions. Mounted to a solid structure on your vehicle, the TCM will intercept GPS signals from your receiver and provide corrected position data to your guidance device.



Swath Manager

Automatic Boom Section Control.....

Add the Swath Manager to your CenterLine Lightbar and get automatic boom section control. The CenterLine and Swath Manager store information about where you have applied, so when you overlap these areas the corresponding boom sections are automatically switched off. 0%, 50% or 100% overlap can be selected to suit each application. The Swath Manager can interface to your existing spray controller to ensure accurate application rates and area accumulation.



D-GPS Receiver Requirements

Output	NMEA 0183 at 5 Hz
Speed	4800 to 19200 bps
I/O	RS 232

CenterLine will operate with any receiver meeting the above specifications.

Specifications subject to change without notice.
E. & O. E.



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