

EZ-Guide® Plus – Easy, Accurate & Affordable

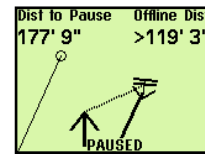
F A C T S H E E T



EZ-Guide Plus Features

- Easy to see - Bright and clear LED's & LCD display .
- High accuracy, low profile antenna .
- Proven, high quality GPS & guidance technology.
- Free, accurate WAAS differential.
- Guidance even without differential.
- Hands-free operation for all patterns (including contour and spiral patterns).
- Area calculation on first pass around field.
- Headlands feature for indicating end rows and field boundaries.
- Optional remote control with audible alarm that indicates when you are in a headland or are offline.
- On-screen map of guidance passes.
- Easier guidance by using a combination of the light bar and on-screen map (especially on contours).
- Fully expandable for future needs, including automated steering, mapping and application.
- User-definable swath width.
- Automatic or manual swath incrementing.
- Adjustable brightness for LED's and LCD screen.
- Audible alarm for off-swath alert and headlands crossing with optional remote control.
- NMEA output for other applications such as yield monitoring.
- Simulated Radar Speed Pulse Output.

once while using the light bar for guidance. The guidance screen can be switched between an "overhead" and "perspective" view. Zoom in or out on your current position while performing guidance and show adjacent swaths, field boundaries and AB lines. To increase visibility during the day and night, the display has both contrast and brightness adjustments. To give you a sense of perspective and speed, you can activate progress lines on the screen.



Using the LCD screen makes navigating back to a starting/stopping point easy and hassle free.

Guidance Even Without Differential

The EZ-Guide Plus system provides sub-meter pass-to-pass accuracy during periods when the WAAS differential signal is blocked by obstructions such as trees and buildings.

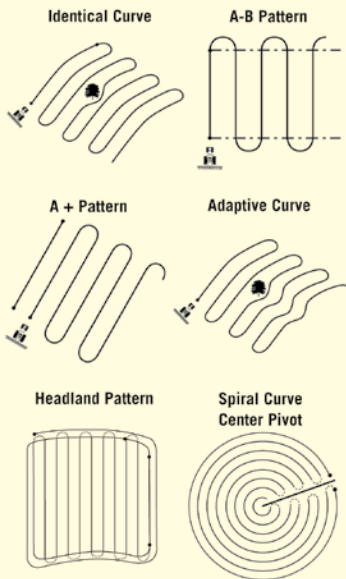
Simplicity & Reliability

The EZ-Guide Plus System provides precise, reliable guidance for a variety of farming operations. EZ-Guide Plus can help reduce costs and maximize productivity. Affordable and easy-to-use, EZ-Guide Plus is an investment that starts paying for itself from day one.

The EZ-Guide Plus system lets you apply material right the first time, helping eliminate skips and overlaps. An end zone warning on the screen and audible alarm (with use of optional remote control) warn you when you are approaching your field edges, allowing you to precisely control how and where you apply. EZ-Guide Plus also supports odd-shaped fields by allowing you to define a custom headland and perform guidance within it.

With GPS guidance you can extend your operating hours to work when you need to, even at night, in fog or dust. Lightbar guidance reduces driver fatigue, increasing the overall safety of your operation.

EZ-Guide Plus Guidance Patterns:

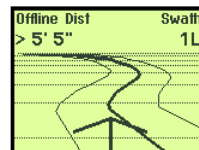


Pattern Definitions

Pattern	Definition
A - B Line	Straight guidance based on A & B points that define initial line.
A Plus	Straight Line guidance based on an A point and the previous line heading.
Identical Curve	Curve based on the initial curve.
Adaptive Curve	Curve guidance based on the previous curve driven.
Headland	Records headlands of any shape as you drive around the field. Can provide guidance on multiple headland passes and straight swath guidance inside the headlands.
Center Pivot	Curve guidance in a center pivot field.

The EZ-Guide Plus LCD Screen

The EZ-Guide plus lightbar combines clear guidance LED's, a graphical LCD screen and integrated GPS into one complete guidance package. The addition of the LCD screen makes setup simple and easy. The main LCD screen allows you to see a map showing where you are versus where you need to be while viewing two text options such as: offline distance, swath #, speed, field area, satellites, heading and more. A status screen allows you to view four text options at



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The Complete EZ Package

The EZ-Guide Plus system is designed to work with the EZ-Steer™ assisted steering system and the EZ-Boom™ system offering growers application, guidance and steering in an easy to use, fully integrated system.



EZ-Guide® Plus

Simplified guidance from setup to field. EZ-Guide Plus is the ideal guidance system for those looking for easy and affordable accuracy.



EZ-Steer™

The practice, affordable, accurate assisted steering system made for your equipment.



EZ-Boom™

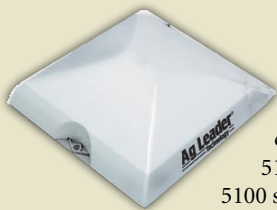
The EZ-Boom automated boom switching and liquid rate controller makes liquid application simple and easy.



T2 Controller

T2 controller provides terrain compensation for EZ-Guide Plus lightbar.

GPS 5100 Receiver



For added accuracy the EZ-Guide Plus can be coupled with the GPS 5100 receiver. The GPS 5100 system expands the accuracy and correction options of the EZ-Guide Plus system by allowing the use of WAAS, OmniStar XP, OmniStar HP, and RTK correction services.

Configurable Items

- Units can be displayed in imperial or metric.
- Mounting orientation – display inverts if lightbar is mounted upside down.
- LED spacing so that you can define the precision of the lightbar guidance.
- User definable swath width.
- Look ahead time (in seconds), used to predict the future guidance path.
- 6-Text display options to provide feedback while driving.
- Distance-off-swath warning.
- Factory default option to restore factory setting.

Rugged

The rugged design safeguards your investment because it is built with hardware that lasts. It is built for use in tractors, sprayers and combines. It is also easy to move from one piece of equipment to the next in minutes.

Warranty

The EZ-Guide Plus comes with a two-year standard warranty.

GPS Receiver Features

- GPS Receiver integrated into Lightbar housing.
- 12-channel GPS receiver.
- Positioning based on high-performance GPS engine design.
- Everest multi-path rejection technology.
- 15-20 cm. (6"-8") 15 min pass-to-pass accuracy.**
- GPS Update: 5 Hz.

** In US Midwest with at least 5 satellites, PDOP ≤ 6, SNR ≥ 6, Elev Mask = 8 using WAAS differential corrections. WAAS is a free service available in the US

Physical Characteristics – Lightbar/Receiver

- 35 LEDs for guidance.
- Screen: 120 x 160 pixel, transfective monochrome, scratch resistant, anti-glare lens.
- Suction cup for secure mounting on most surfaces.
- DB9 (RS232) data port.
- Size: 9.8" W x 4.5" H x 5.4" D.
- Weight: 2.646 lbs.
- Power: 9 to 36 VDC.
- Operating temperature: +32°F to +122°F.
- Storage temperature: -4°F to +176°F.
- Casing: Die-cast aluminum sealed to IP 54.
- Compliance: FCC Class B, CE, EP 455.

Physical Characteristics – Hurricane L1 Antenna

- Size: 6" diam. X 2.25" max depth.
- Weight: 13.125 oz.
- Operating Temp: -40°F to +158°F.
- Storage Temp: -58°F to +176°F.
- Humidity: 100% humidity proof, fully sealed.
- Magnetic mount.

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