

GPS Lightbar Systems



TeeJet® and Mid-Tech® offer the most options and best features in lightbar guidance systems. With years of GPS and guidance experience, we have the know-how to make lightbar guidance that increases productivity and improves your bottom line.

Our guidance systems work the way you do. Flexible guidance patterns include parallel (straight-line), curved A-B, adaptive curves, and headland modes. Our systems warn when you overlap into a previously applied area, and when you turn around, they automatically advance to the next swath.

TeeJet and Mid-Tech lightbars are built to last in tough environments. Rugged housings and fully coated electronics mean our lightbars can be mounted outside the cab, where they are easy to see. High quality cables and electrical connections will give you years of trouble-free operation. Contact your TeeJet or Mid-Tech dealer for a demonstration today.

www.teejet.com

TeeJet

www.mid-tech.com

MID-TECH

www.lh-agro.com

LH LH AGRO



Swath XL

- Records what's been done to a data card
- See application maps of your field created in real time



GuideLine Guidance Systems

PART NO.	DESCRIPTION
90-02129	GuideLine Basic System
90-02130	GuideLine w/RX 350p
90-02194	GuideLine w/RX 360p
90-02132	GuideLine w/RX 400p
90-02133	GuideLine Deluxe
90-02131	GuideLine Deluxe w/RX 350p
90-02195	GuideLine Deluxe w/RX 360p
90-02134	GuideLine Deluxe w/RX 400p

Swath XL Guidance Systems

PART NO.	DESCRIPTION
90-02084	Swath XL Basic System
90-02135	Swath XL w/RX350p
90-02196	Swath XL w/RX360p
90-02123	Swath XL w/RX400p
90-02088	Swath XL Deluxe
90-02136	Swath XL Deluxe w/RX350p
90-02197	Swath XL Deluxe w/RX360p
90-02122	Swath XL Deluxe w/RX400p

Smartpad II

See Where You've Missed

Maps are viewed as you make them so skips can be seen and fixed before leaving the field.

Built to Last

Durable casing is designed to withstand the rigors of field work.

Easy Setup

The system can be set up with as few as two keystrokes. Hit "Enter" twice and you're ready to go.

Keep a Permanent Record

SmartPad II uses compact flash data cards and saves all field records. Download these to your office computer for a permanent record.

High-Resolution Display

3" x 2" high-resolution color touch-screen display is easy to view in any lighting.

Easy Data Entry

Simple six-button keypad and on-screen keyboard permit data entry with ease.



Lightbar



Hazard Warning

Traffic light patterns on each side indicate you're clear to go (green); approaching a hazard (yellow); or you have reached the hazard (red). It automatically alerts you when entering an area that's already been applied.

Built to Last & Weather Resistant

Rugged polycarbonate alloy is nearly impossible to break under normal conditions. The housing resists weather and harsh chemicals, so it can be mounted wherever you choose.

Set the Brightness

Adjust the brightness from high intensity to very dim with the push of a dedicated button on the SmartPad II.

Easy-To-Read Display

Large, bright guidance lights and a clear text read-out are easy to read under all field conditions.

Instant Reports on the Lightbar

The lightbar reports information instantly on the read-out above the guidance lights. You choose up to three items to report from this menu of options:

- **Cross track error** – Shows when to steer right or left and the exact distance to center
- **Swath number** – Displays the swath you're working
- **Heading error** – Shows the difference between your current heading and your desired heading
- **Course on ground** – Displays the magnetic course of the vehicle
- **Ground speed** – Shows the exact vehicle speed
- **Area applied** – Reports the area covered in acres or hectares
- **Off** – Don't want reports? You don't have to have them!

You Set the Drive Sensitivity

The number of feet or meters each light represents is set by you and can be adjusted at any time.



Lightbar Guidance System with Wireless Remote Control

- Compact lightbar with fully adjustable brightness for day or night operation
- Convenient wireless remote unit controls lightbar functions — even if the lightbar is mounted on the hood



CenterLine Guidance Systems

PART NO.	DESCRIPTION
90-02179	Mid-Tech CenterLine Basic System
90-02180	Mid-Tech CenterLine System w/RX 350p GPS Receiver
90-02181	Mid-Tech CenterLine System w/RX 400p GPS Receiver
90-02192	Mid-Tech CenterLine System w/RX 360p GPS Receiver
90-02185	TeeJet CenterLine Basic System
90-02186	TeeJet CenterLine System w/RX 350p GPS Receiver
90-02187	TeeJet CenterLine System w/RX 400p GPS Receiver
90-02193	TeeJet CenterLine System w/RX 360p GPS Receiver

Effective Guidance

Lightbar Guidance System with Wireless Remote Control

CenterLine offers the most features, the best price and wireless convenience in one complete kit. This compact lightbar guidance system is available with a WAAS DGPS receiver/antenna and includes a wireless remote control.

CenterLine is designed for portability, too. Simply disconnect the power lead and move to another vehicle. A magnetic mount on the GPS receiver and an available suction cup mount for the lightbar to make installation a snap.

Guidance That Works the Way You Do

CenterLine will guide you in swaths of all kinds. Choose from parallel, headland (contour) or curved AB modes. In any guidance pattern, CenterLine automatically gives you guidance information to the closest swath. And CenterLine counts down the distance to the next swath as you turn at row ends.

Mapping and Data Collection

Now CenterLine is compatible with the SmartPad II handheld computer which enables mapping and data collection. This rugged handheld uses a CompactFlash storage card to maintain field boundaries, field hazards and application records. And you can view your work on-screen as you progress through the field.

Shows You the Information You Want

A text display reports the application information of your choice automatically. It also warns you when you enter an area of the field that has already been applied. Data you can monitor includes:

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

New - Mapping Option (available Spring, 2005)

Soon you can upgrade the dependable guidance of CenterLine to a full-featured mapping system. The SmartPad II handheld computer connects to the GuideLine lightbar, and enables on-screen mapping, data collection, field mapping and soil sampling capabilities.

The SmartPad II is a rugged handheld computer with a full-color touch screen display. It's designed for rugged field environments, and includes a battery compartment for convenient setup and configuration away from the vehicle.



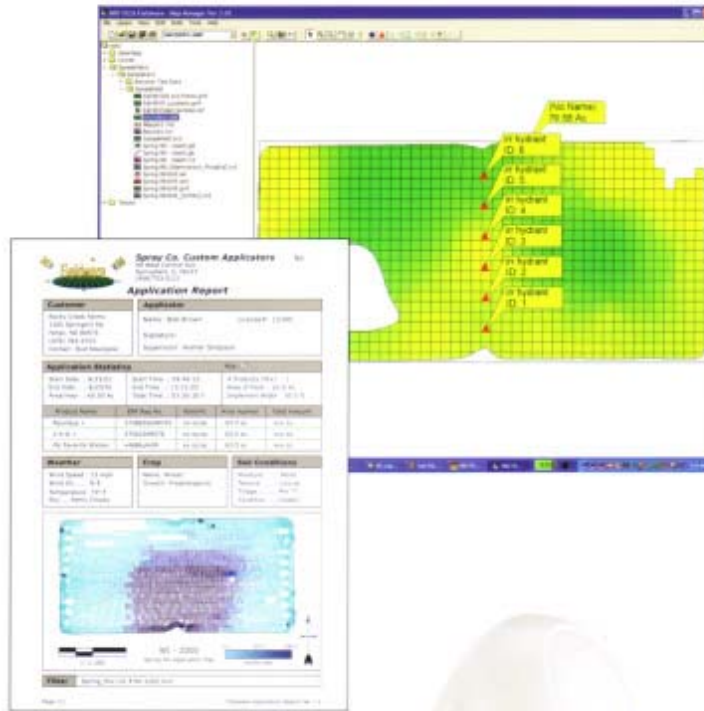
Fieldware Map Manager

A Mapping Tool You Can Use

Fieldware Map Manager is a convenient and simple application that runs on your office PC. It helps you organize, view and store data you collect with any TeeJet® or Mid-Tech® lightbar or application system.

A familiar Windows Explorer interface makes it simple to manage your map data. You can view field boundaries, hazards and other mapped features, and multiple layers of prescription or application data. Simple prescriptions can even be created to perform variable rate applications.

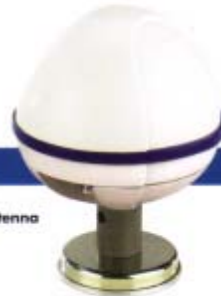
One of Map Manager's most important tools is the application report generator. A simple wizard guides you through the process of documenting any application or work recorded by your mapping computer. The report includes details such as operator information, chemical details, area, time and weather information, and a map of the application.



GPS Receivers

Mid-Tech® offers a full range of high quality GPS receivers to fit your precision farming needs. Economical WAAS and EGNOS 'smart antennas' are convenient and affordable. Other receivers give more differential correction options for maximum flexibility.

GPS Antenna



RX 350p

- Compact, low profile design includes antenna and receiver.
- Compatible with free WAAS and EGNOS corrections.
- Cruise technology keeps running during brief differential signal losses.
- 5 Hz position update rate makes this receiver fully compatible with lightbar guidance systems.
- Pre-configured for plug-and-play compatibility with TeeJet and Mid-Tech guidance.



RX 360p

- Low-profile DGPS antenna and receiver.
- Compatible with free WAAS and EGNOS corrections.
- 5 Hz position update rate makes this receiver fully compatible with lightbar guidance systems.
- Pre-configured for plug-and-play compatibility with TeeJet and Mid-Tech guidance.



RX 400p

- Flexible receiver is compatible with WAAS/EGNOS, coast guard beacon and L-band corrections.
- Cruise technology keeps running even during brief differential signal losses.
- Setup wizard guides user through setup process.
- On-board display and buttons configuration for easy configuration and status checks.
- Separate antenna is compatible with GPS, WAAS, Beacon and L-band signals.

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