

Ag Leader® Display Quick Reference Guide

Ag Leader
INTEGRA

VERSA



A Operator Selection

Operator Selection

Select Operator

Operator Full Log Out

Options

☐ Show Operator Selection on Startup

Note: If the active operator has a password, the operator selection will always be displayed on startup.

✓ ✗

B Operating Configuration

Operating Configuration

JD 8130, 24 Row Planter

Equipment	Name
Vehicle	JD8130
Implement	24 Row Planter

✓ ✗

D Management Selection

Management Selection

Growing Season

2013 Crop +

Grower

Grower 1 +

Farm

Farm 1 +

Field

Field 1 +

☒ Enable Management

◀ ▶ ✗

Event Selection

New Event

2013-12-16_15:31:42

Corn

Grid view showing a red and blue bar.

◀ ▶ ✗

C Configuration Setup

Configuration Setup

Vehicle: JD 8130

Implement: 24 Row Planter

Controller: None

Full Swath: 60

Rows: 24

Sections: 2

Speed Input

Auxiliary Input

Equipment Settings

Row Shutoff

Offsets

E Product Selection

Product Selection

Coverage

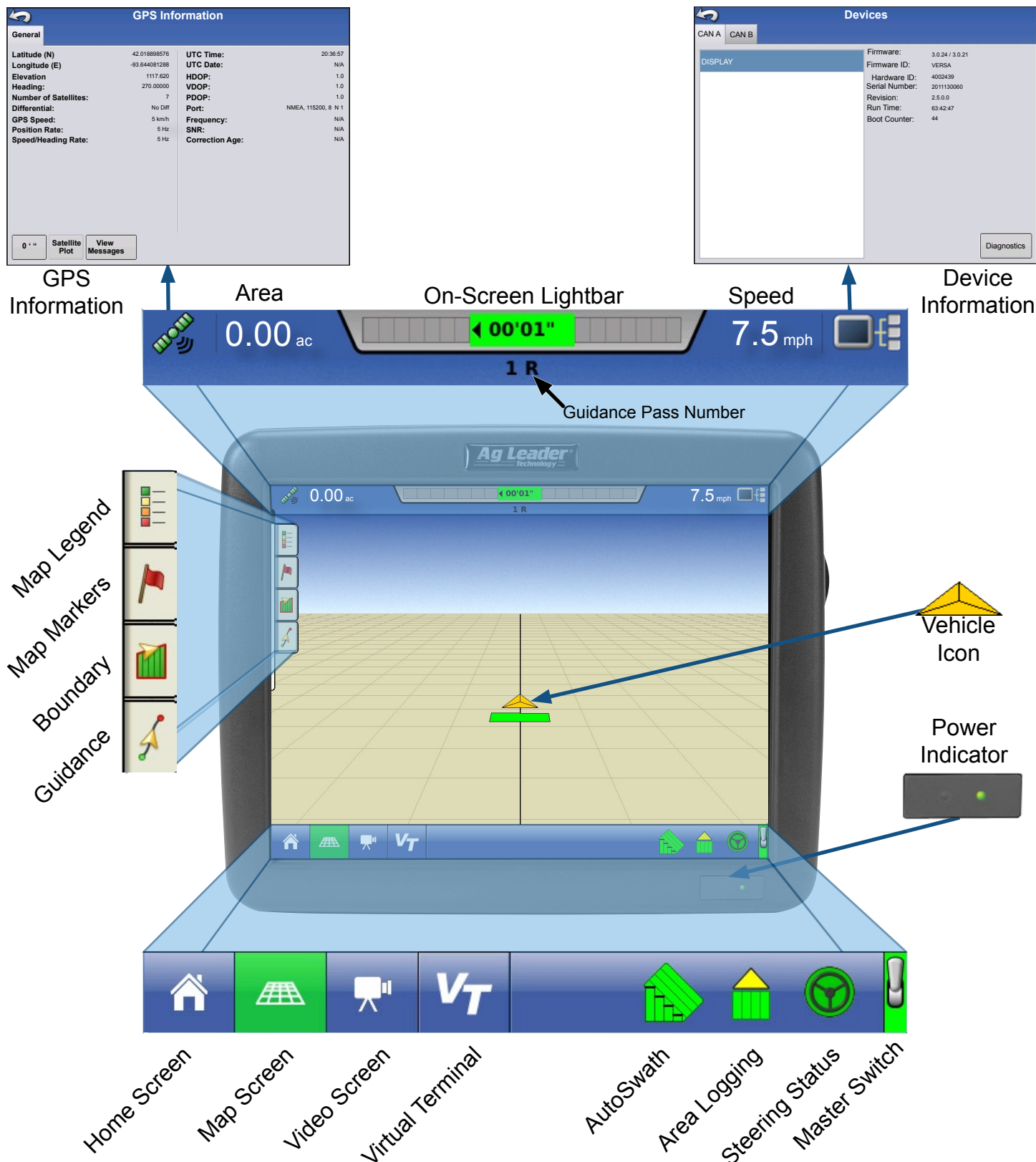
Corn1 +

Coverage

Corn2 +

◀ ✓ ✗

Map Screen Layout



Status Bar Icons



Devices button - shows display information and diagnostics.

GPS Button - access diagnostic information about the GPS signal



Green - receiving corrected GPS signal



Yellow - receiving GPS signal only



Gray - no GPS signal

Flex Mode



Green - On



Yellow - Exceeded

StableLoc



Green - On

Task Bar Buttons



Home - returns to the home screen

Map View



Zoom to Extent - vehicle icon is shown by an arrow inside a circle



Zoom to Detail - vehicle appears as a gold-colored triangle icon; changes to indicate data being logged in the field.



Perspective View - only available when guidance is active

Norac Engage Buttons



On



Off



Video Screen Button takes you to the video screen

Function Buttons

Area Logging Status



On



Off

AutoSwath



On



Off

Master Switch



On



Off

Steering Status



Engage - ON



Engage - Ready



Engage - Not Ready

Setup Buttons



Setup (on Home screen) - use to access the following features:



Configuration - create and adjust settings of vehicle, implement, controller, and product



Management - create and edit grower, farm, field operator and season



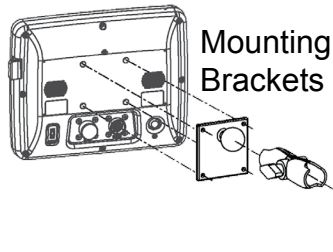
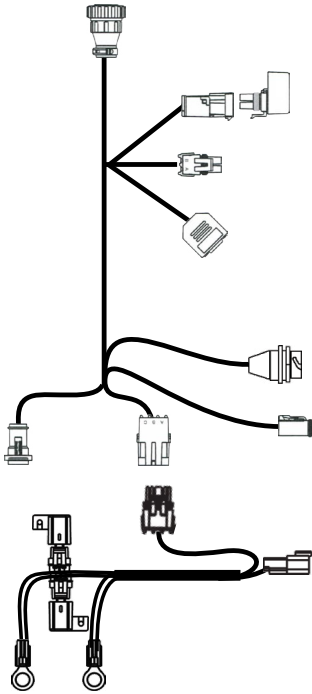
GPS - enter and adjust guidance, GPS settings, and lightbar settings



Console - adjust time, date, brightness, volume, operating units, language; enable video and virtual terminal; view features, and create and restore backups

Connecting the Systems

Display System



Fuse Type

Blade Style (ATO/ATC)
5 A rating
15 A rating

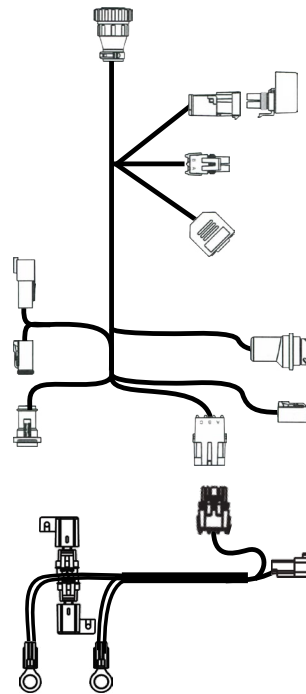
Operating Voltage

9-16 V DC

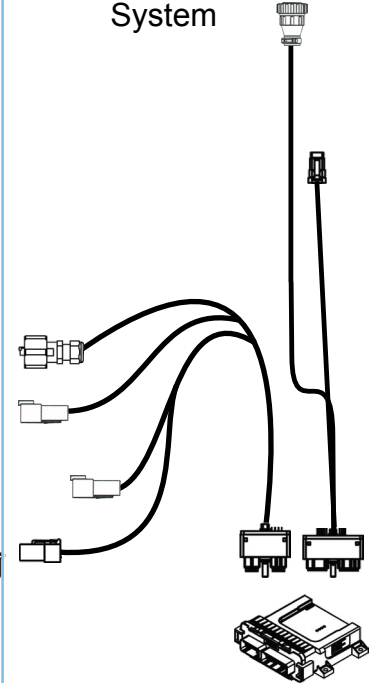
Max Current Rating

Ag Leader Integra	4.0 A
Versa	2.5 A
ParaDyme/GeoSteer	10 A

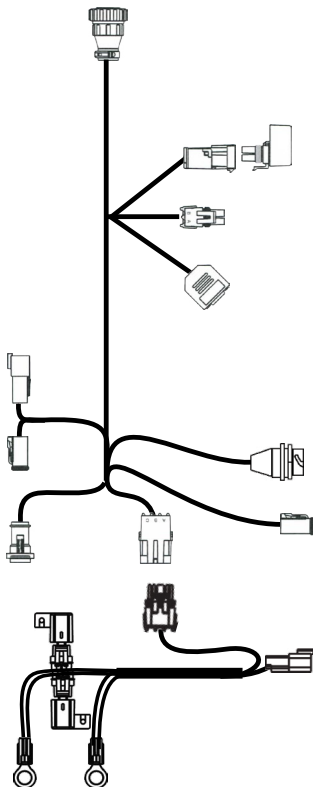
Display System



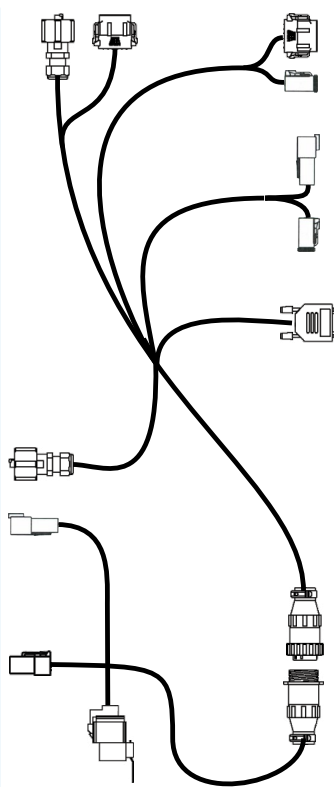
OnTrac3 System
SteerCommand
System



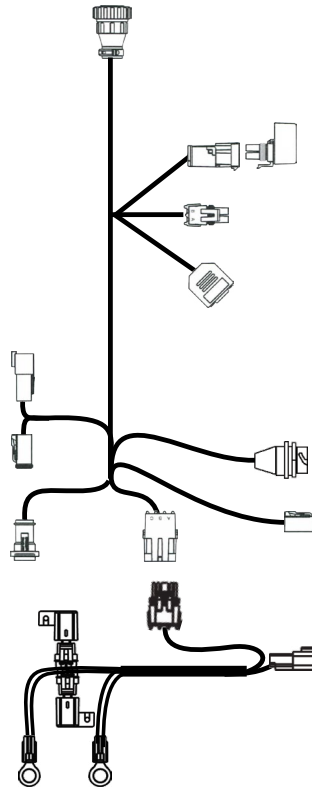
Display System



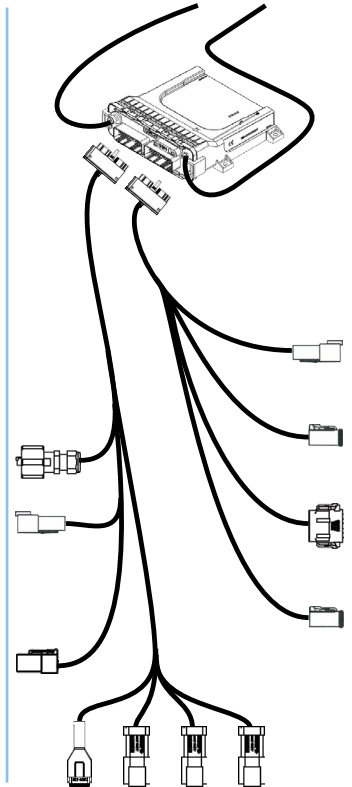
PARADYME System
(Roof Module = IP65)



Display System



GEOSTEER System
(GCU = IP66)



System Features

- Sunlight-readable Screen
- Rugged sealed enclosure
- Compatible with most NMEA GPS receivers
- DirectCommand and SeedCommand Product Control using Industry-Standard CAN Bus interface
- Adjustable volume control
- Perspective 3D View Map
- Report Preview
- Automatic Field Selection
- Automatic Module Firmware Upgrade
- Advanced GPS Diagnostics
- USB media slot
- 28-pin plug compatible with other Ag Leader displays.
- RAM mount

System Uses

- Guidance
- Planter DownForce Control
- Norac UC5
- Video Camera Inputs
- Mapping Tillage Operations
- Mapping and Logging Product Applications
- Mapping of all field boundaries, sub-boundaries, waterways and terraces
- Grain Yield Monitoring
- Variety Logging
- Granular and Liquid Fertilizer Application
- Liquid Spray System Control
- NH₃ Application Control
- Application Control of Multiple Bin Spinner Spreaders

USB Flash Drive

A USB Flash Drive can be used to save and transfer data in and out of the display.

Technical Specifications

Do not exceed the specifications below:

- Storage Temperature:
-4° to +176°F (-20° to +80°C)
- Operating Temperature:
14° to +156°F (-10° to +70°C)
- Operating Input Voltage: 9 –16 V DC
- Max Current Rating: 4.0 amp
- Environmental Protection Rating: IP64
- No Protective Grounding required
- Use 150V minimum insulation rating for external circuits

Color Touch Screen

The display features a color touch screen display.

The touch screen allows easy and intuitive navigation through the screens on the display without the need for any external keypad or mouse devices. Here are a few key things to remember if you are new to using a touch screen device:

- Do not use any sharp objects for running the touch screen device, this could result in damage to the display. Using the tip of a finger is the recommended method of operating the display touch screen.
- Do not use any harsh chemicals to clean the touch screen. Using a damp soft cloth or an anti-static wipe made specifically for cleaning computer displays is the correct way to clean the screen and the enclosure.
- The touch screen requires only a gentle touch of about half-second in duration to operate correctly. A common mistake is to try to navigate too quickly through the system using firm taps instead of gentle presses.

Attaching the Display

Mount the display to a secure support inside the vehicle cab taking the following into consideration:

- The display must be readily accessible to the machine operator
- The display must not obstruct the operator's normal driving view nor interfere with existing machine controls

Safety Notice: Read these safety instructions and the User Manuals thoroughly, and follow the instructions.

Steering System refers to the OnTrac2[™], OnTrac2+[™], OnTrac3[™], ParaDyme[®], GeoSteer[®] and SteerCommand[®] systems.

- Only an operator who is fully authorized to drive the vehicle can use the Steering System.
- The operator must not exceed the safe speed limit for the terrain on which the vehicle is operating.
- The operator must always be aware of his actions when operating the Steering System.
- When installing the Steering System do not force the components as this can result in damage to the components.
- Always follow the instructions in the installation, operation, and maintenance manuals.
- Only trained personnel should install the Steering System.
- Always inventory the components delivered to ensure all the correct components are present. Never use replacement components. Only use original components.
- If there are any questions regarding the safe operation of the Steering System or the instructions in the manuals, immediately contact your authorized dealer or technical support.
- Always use the correct tools to install the Steering System.
- To prevent injury, use caution when installing the Steering System.
- Do not use or operate the Steering System in unsafe weather conditions.
- Do not use or operate the Steering System on unsafe terrain.
- Only an operator who is trained, experienced or authorized can use or operate the Steering System.
- Before using the Steering System, the operator must have sufficient knowledge of how to operate the systems in a safe manner.
- When installing the Steering System, all safety precautions must be clearly understood. If there are any loose, missing or damaged parts they should not be used.
- Before using the Steering System, verify all functions are checked and controlled to ensure they are working correctly. When there is any doubt, do not take any risks - always contact your authorized dealer or technical support.
- Before operating the Steering System, verify all functions of the Operator Presence Switch to ensure it functions correctly.
- Powering the Steering System ON or OFF must be done by following the correct prescribed procedures.
- If any vehicle or system function is abnormal, for example if excessive vibrations or noise occur, immediately stop the vehicle, power OFF the Steering System and contact your authorized dealer or technical support.
- When maintaining or cleaning the Steering System, it must be completely powered OFF and are free of any electrical currents.
- The operator of the Steering System in conjunction must read and understand all safety instructions so they can react in case of an emergency.
- The authorized dealer must always carry out maintenance or repairs on the Steering System.
- During repair or replacement of components on the Steering System, only original components must be used.
- Operator or maintenance personnel must always wear the correct personal protection equipment when working on the Steering System.
- Maintenance personnel must always use the recommended cleaning materials and accessories when the Steering System is cleaned.
- Unsafe conditions or situations with the Steering System must be reported to your authorized dealer or technical support.
- Objects cannot be placed on or in the area of the Steering System.
- During installation, calibration, and tuning of the Steering System the vehicle wheels may turn to the left and right. Be sure all people and obstacles are clear of the wheels before proceeding.
- Put the vehicle seat and steering wheel in the normal operating position and verify that the OnTrac2 Mechanical Drive Unit (MDU) does not interfere with any controls.
- The operator must read and acknowledge the Automatic Steering Liability Notice each time the system is powered ON.
- If there are any questions regarding the safe operation of the Steering System or the operating instructions, contact your authorized dealer or technical support.
- The operator must keep alert for obstacles in the path of the vehicle. The Steering System cannot identify or avoid obstacles.
- The operator must remain in the operator's chair in the vehicle while the Steering System is engaged.
- Only use the Steering System in an open field. The systems must be powered OFF when the vehicle is on any type of roadway.

Liability Notice Novariant B.V. cannot be held responsible or liable in any way for any damages and / or accidents that occur through the malfunction of the machine on which it is installed, malfunction of the machine components, machine attributes (e.g. trailers), third party interference(s) or acts of the operator outside the intended use such as prescribed by Novariant B.V.

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