Quick Start Guide

CRG Vision10



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Editorial content

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1 Initial Setup

1.1 Setting the correct GNSS source

In order to set up the correct GNSS source, navigate to the GNSS settings tab and ensure that <AGRA-GPS CRG> is selected in the dropdown. Make sure NMEA2000 is enabled on your CRG.

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1.2 Set up machine and implement

In the devices tab, set up a profile for your machine and implement. Note that if you are using a smart implement that is capable of interfacing with the Vision's task controller, the implement will do this automatically.



1.3 Set up and start a task

In order for data recording to be enabled a task needs to be created and started. Go to the field data tab and fill out the task data as you see fit.



1.4 Create a guidance line

In order to begin steering create a guidance line in the map tab

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2 Adjusting steering performance

2.1 Changing settings in Agra-GPS ISO application

Navigate to the autosteering settings application in the Bridge Agra-GPS ISO application



Once inside the autosteering settings page, adjust the values until desired performance is achieved



3 Coverage control

3.1 Coverage control for Combine/Forage/Smart implements

Coverage control for Combine/Forage/Smart implements is done automatically via the bridge or the implement respectively

3.2 Coverage control options

To select the type of coverage recording, navigate to the general page of your implement in the devices tab and find the working state dropdown.



3.2.1 Manual

Manual starts and stops based on the coverage recording button pressed on the mapping page

3.2.2 Auto Steering Engage

Recording will start and stop based on the autosteering engage state

3.2.3 Machine (Hydraulics Recording)

Once machine is selected, navigate to the hydraulics page inside the bridge Agra-GPS ISO application



In this page, all hydraulics detected on the CAN bus will be shown as options. As many or as few hydraulics can be selected on this page. If any selected hydraulic enters their start state, recording will begin on the monitor. For rear hitch and rear PTO, the start and stop state are dictated by the recording state read from the machine



4 Important notes

4.1 GPS position on roof

Early versions of the CRG need to be centered left-right on the machine's roof. This will be corrected in later versions to allow offsets.