AGRICULTURE

Multi-Constellation
Navigation Guidance System

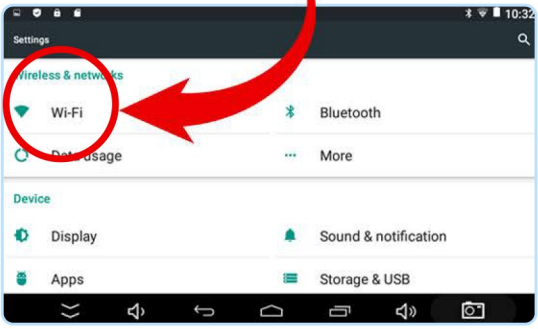
User Manual

Version No:03

After connecting antenna, use the Field navigator in an open door space.
Turn on the phone's hotspot
Click the icon to open the menu

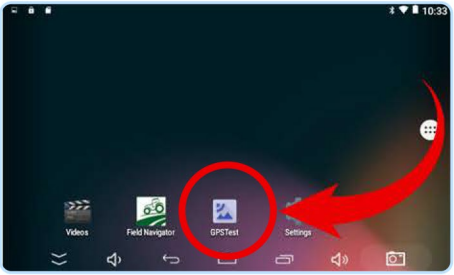
Click the Settings icon.

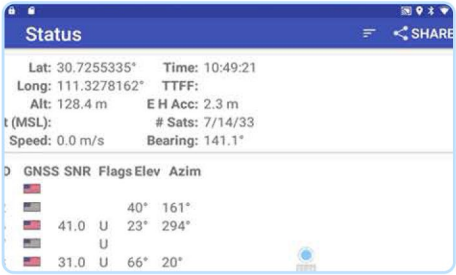
Click Wi-Fi icon and ensure the Wi-Fi is successfully connected.



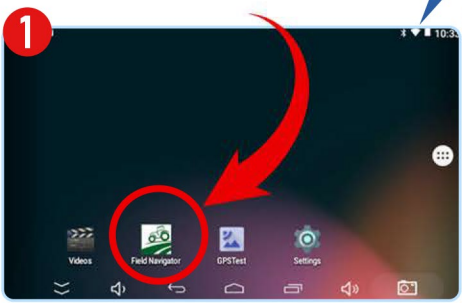
If there is no wifi available in your farm, turn on your mobile phone's hotspot and connect to it.

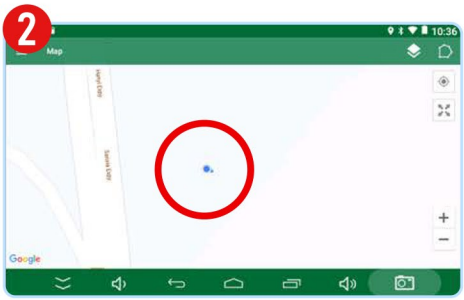
Click GPS Test, the data of the status is changeable, it means the signal is received successfully.





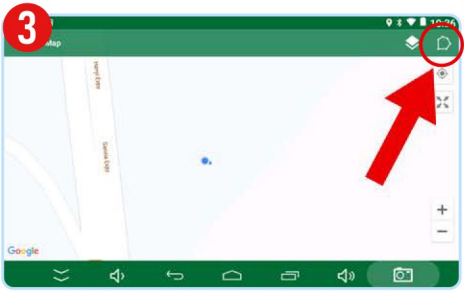
Click Field Navigator, enlarge the map manually, find the blue icon, it's your location.

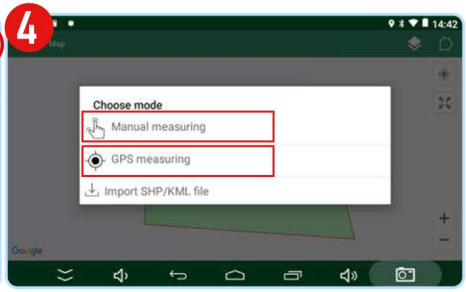




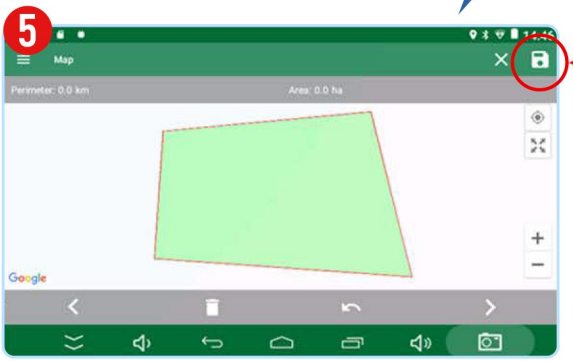
Click Hexagon icon

There are two ways to mark out field areas

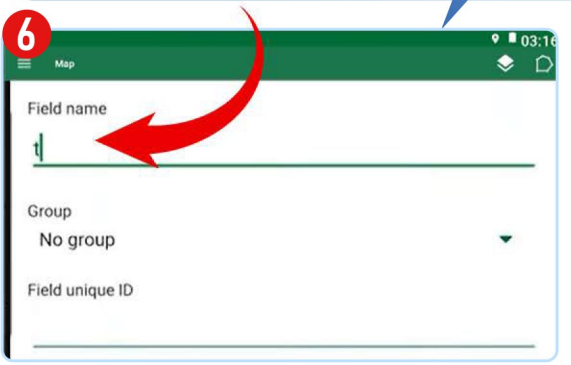




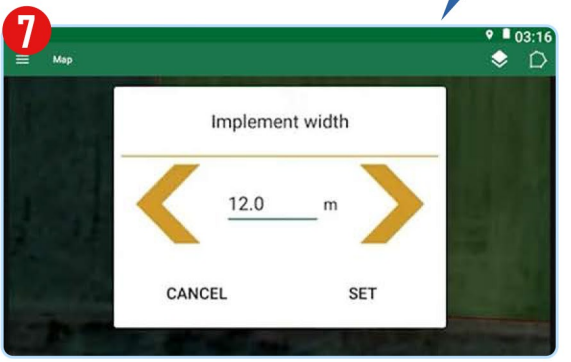
Manual measuring, pick three points on the edge of the field. Then pick the other three points of the lines to ensure the final edge of the field.



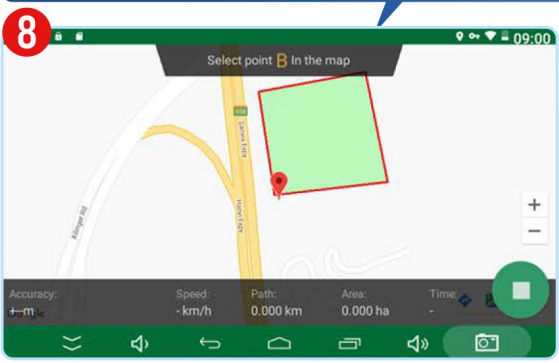
Click Save icon Enter field name and save the map.



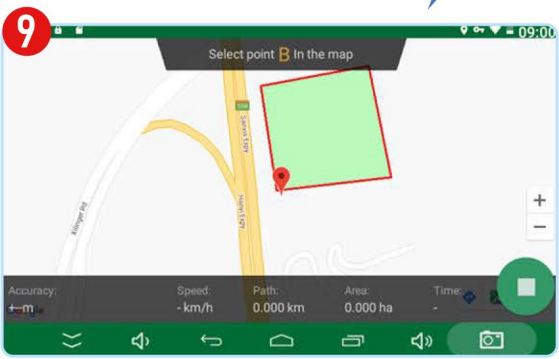
Click Implement width icon, enter the implement width of the agricultural vehicles.



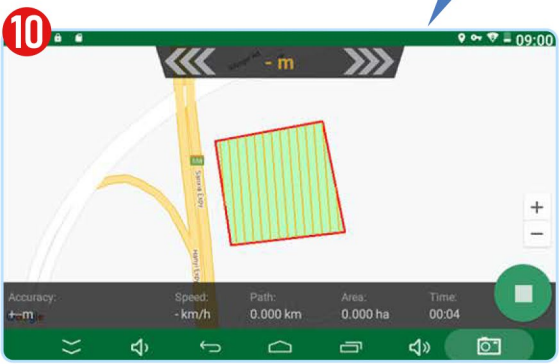
The agricultural vehicles could move forward now and the green area represents the cultivated field.



Select starting point(red point)



Select another point (Point B)



The track is planned now.

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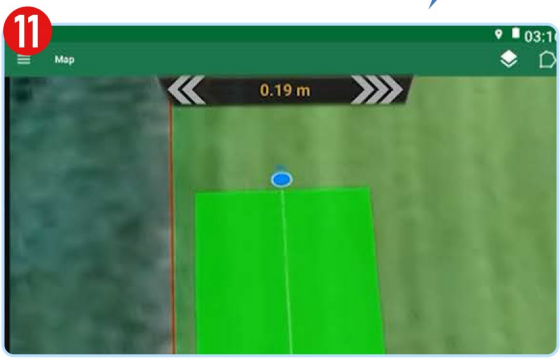

The changing value shows the offset distance, and the flash direction icon shows offset direction.

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After ensure the route, click Save, enter track title and save track.

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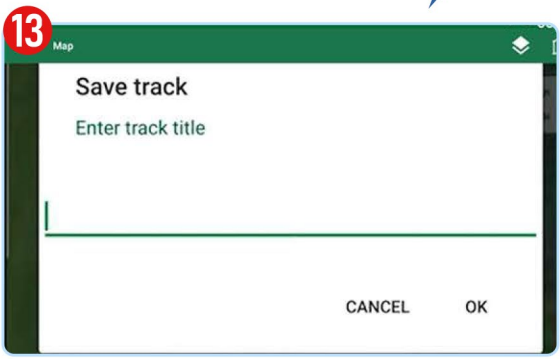

GPS measuring: place the navigator on agricultural vehicles. Then drive agricultural vehicles around to determine the operation region for once.

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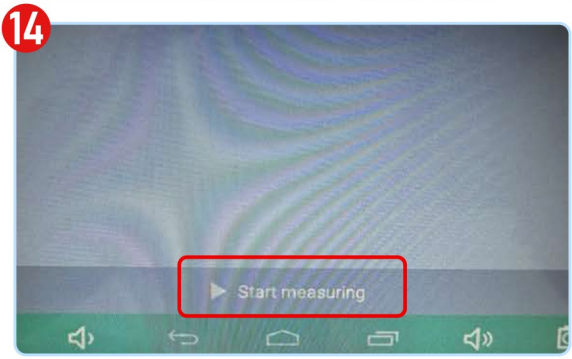

The blue icon shows the current position of navigator, click start measuring to record route.

The red line shows the route that the navigator passes through. Click Stop measuring to stop recording route.

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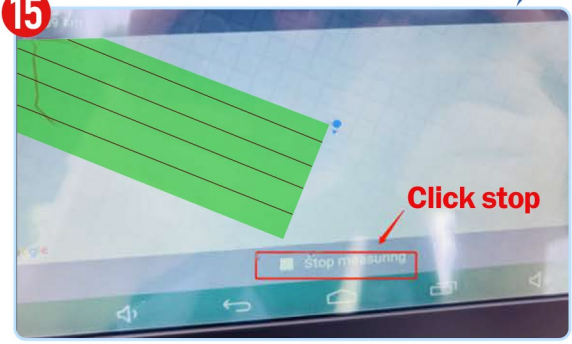
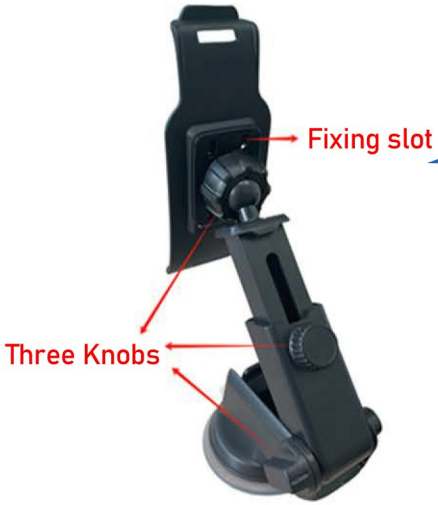


Click Save to save the route and enter track title and save the route

Package Includes:

❶Cigarette Lighter Power Cable ❷USB Charging Cable
❸GNSS Antenna ❹ Navigator Display ❺GNSS antenna (magnet bottom)
❻Display stand (with suction cup)

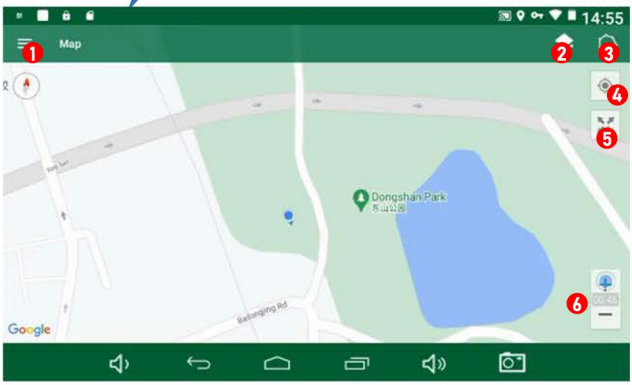


Tips:
The bracket is received in unassembled condition.
The top fixing slot needs to be pushed firmly to attach to the main unit.
There are three knobs on the stand, which need to be tightened firmly after confirming

Main Screen

1. After-sales team contact information
2. Videos (A video of the operation has been pre-stored)
3. Farm navigation software
4. GPS signal test
5. Setting
6. Volume down
7. Back button
8. Home button
9. Window switch button
10. Volume up
11. Screenshot button
12. Software Gallery

Field Navigator Indication



1. Menu page
- Saved maps
- Saved tracks
- Setting the language
- Setting the measurement unit
- Setting the working width

2. Switch map display mode
3. Create field boundaries
4. Position to current location
5. Zoom in display
6. Zoom function

Field Navigator Indication At work:

1.Positioning accuracy under current signal
2.Current speed
3.Current travelling distance
4.Current field size
5.Current working time
6.Stop working
7.Departure distance and the steering direction indication

Safety Instructions:

● To reduce the risk of electric shock, don't remove the cover(or back). The manufacturer should not hold responsibility for the damage caused by any substitutions and modifications of the product without authorization from the manufacturer.

● Do not put, store or leave your device near heat sources, in direct strong sunlight, or in a high temperature location. Maintain well-ventilated conditions around the unit to avid overheating. Operation temperature: -10 C to 60 C

● This device should be connected with a vehicle 12-volt power system (must be grounded), do not install the unit directly on a 24-volt battery in the tractor.

Hints:

1. Please make sure you are connected to an available WIFI to download the current area Google Maps information when you use it for the first time.
2. It is recommended to use it in a place without shelter, eaves and trees may affect the GPS signal.
3. It is recommended to connect the power cable of cigarette lighter during the whole process, if the power is too low, it will affect the running speed of the software.
4. If the software response is too slow, please return to the main menu and click the window switch button to close all other software running in the background.
5. If the software response is too slow, please make sure that the machine still has enough memory.
6. There is a TF card socket on the side, you can increase the machine memory.
7. Please do not upgrade the software, the current version of the software is a free version without subscription fees. If you upgrade by mistake, you can go to the settings page to return to the factory settings.
8. Please make sure the antenna installation is located in the middle of the tractor body, close to the front wheels.

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If you have any questions or require after-sales service, please contact us:

After-sales contact:

FCC Warnning:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection againstharmful interference in a residential installation. This equipment generates, uses and can radiateradio frequency energy and, if not installed and used in accordance with the instructions, maycause harmful interference to radio communications. However, there is no guarantee thatinterference will not occur in a particular installation. If this equipment does cause harmfulinterference to radio or television reception, which can be determined by turning the equipmentoff and on, the user is encouraged to try to correct the interference by one or more of thefollowing measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1)This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.