Welcome to use the GPS area measurer. This product is high performance, simple operation and functional instrument. To make sure you can get right accurate measuring result, please read this carefully before using this product. We believe it will become your work right-hand man in area measurement when you master it.

Please be sure to use the power adapter for this device to the master charging machine.

The picture in the manual is only for reference.

1. The key introduction

There are totally 9 function keys, they are

[**▧**] :Area measurement, there are two kinds of measurement methods: auto track measurement, and collected points measurement.

[**◣**] :Length measurement, there are two kinds of measurement methods: auto track measurement, and 2 points distance measurement.

[**⏻**] : Long press the power on/off.

[**⮐**] : Return to previous menu.

[**▲**] : Move the cursor up or implement plus function.

[**▼**] : Move the cursor down or implement reduce function.

[**▶ OK**] :To start or end measurement or complete setting.

[**⚙**] : Setting for unit price, slope, unit of area and unit of length, LCD brightness and time UTC.　　[**▤**] : Review the measured records.

antenna

up

area
measure

Length
measure

setting

Start
end/OK

record

back

Power

2、Introduce the contents ofscreen

After power on the main interface as below(there are slight differences based on the status of device setting)
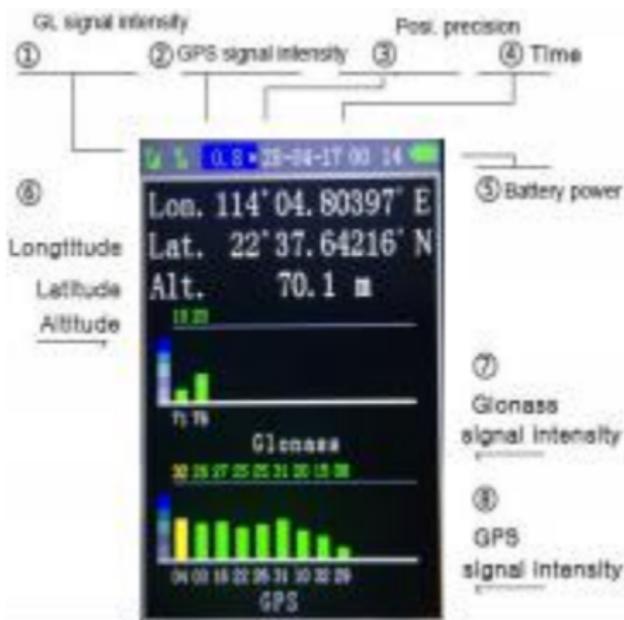
The symbols in different interface represents the meaning described below:

1. GLONASS positioning condition: Zero lattice signal representation is not positioned,1~5 lattices is represented separately poor,medium,excellent quality ofpositioning . In order to ensure the accuracy of measuring results,we strongle recommend that you start to measure after the signal reach 3.

2. GPS positioning condition: Zero lattice signal representation is not positioned,1~5 lattices is represented separately poor,medium,excellent quality ofpositioning . In order to ensure the accuracy ofmeasuring results,we strongle recommend that you start to measure after the signal reach 3.

3. Positioning accuracy: represent current level ofprecision

4. Time: represent local time

5. Battery status: represent current battery status, the more the grid cells is, the more power is.   6. Longitude & latitude: represent current longitude and latitude.

7. GLONASSsignalintensity.

8. GPS signal intensity.

3、Basic setting

At the main memu, press the key , thenenterthesettinginterface:

Under this menu, press the key ▲ or ▼ , select the setting you need,

then press the key ▶ OK key. When the selection flashing, press the ▲ or

▼ key can adjust the figures. Press the ▲ or ▼ key without release, can

adjust figures quickly.

After set the figure you need , press the ▶ OK key to the home menu, the figure already saved.

(1) Price setting

It has the function of calculating price according the measurement of land area. First, you set the price for unit area, then the total price is equal to the unit price multiply the land area.

(2) Slope setting

Set the correct slope values can increase the accuracy of measurement. The slop value is 0 when there is no slop.

(3) Area uint setting

The unit can be square feet, square meters, acres & HA.

(4) Length unit setting

The unit can be set feet, meters, kilometer & mi

(5) LCD Brightness setting

You can set the screen brightness on the settings interface. You can also press the up / down button when you need to adjust the screen brightness in the measurement. Because the brighter the screen is, the more energy consume, we suggest taking the brightness you can see clearly as the standard in order to extend the battery life.

（6） Time setting

All selected functions setting finished, press the ⟲ key to home menu.

4、Area measurement methods:

（1）Auto-track area measurement

Firstly: press the key 🔲 ,to choose the measurement method you need, and set the unit price、area unit 、Length unit and slope.
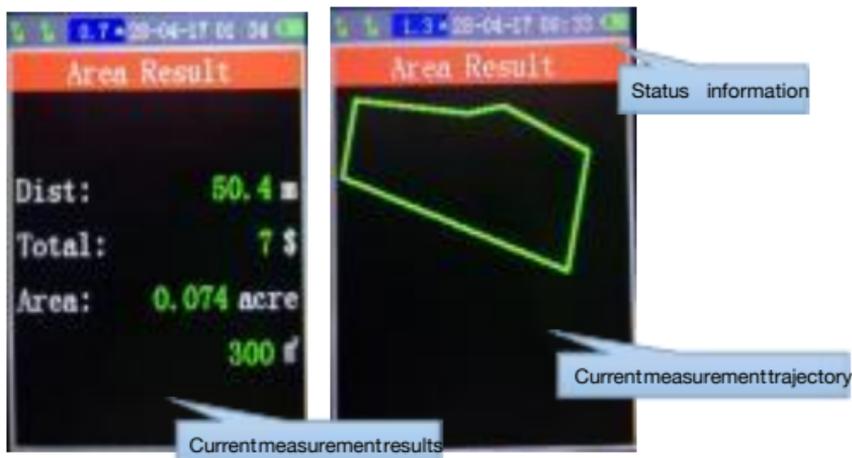

Secondly, ensure the device is in good state of satellite positioning, press the key ▶ OK to start measurement. It will display the current area in real time at the bottom of the screen, as shown in the following figure:

Thirdly, take the GPS area measurer and walk around the tarketted land, a circle around the area to be measured ,then press the key [▶ OK] to end of area measurement, the result of measurement is displayed on screen, press the key [▶ OK] to view current results and final path graphics, as shown in the following figure.

Status information

Dist: 50.4 m
Total: 7 $
Area: 0.074 acre
300 ㎡

Current measurement results

Current measurement trajectory

Note: when in a non-linear measuring, the speed is best not too fast or not too slow(normal walking speed),it can improve the accuracy of measurement, But in a straight line segment from impact speed.

(2)Collected points area measurement:

Firstly: press the key [M] , to choose the collected points measurement, and set the unit price 、area 、and slope.

Secondly, ensure the device is in good state of satellite positioning, press the key to start collected points measurement, It will displays the current area and length in real time at the bottom of the screen, as shown in the following figure:

Thirdly, press the key to add a point, the bottom of screen displays the current area and length, as shown in the following figure.

Fourth, step over operations, until all the join is complete, press the key to end and display the measurement result. Then press the key to switch between graphic and

track the results, as shown in following figure:

the measured results of the collected points

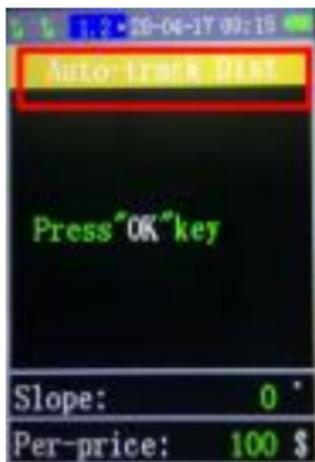the measured trajectory of the collected points

If fewer than three points, it will remind too few points to constitute an area of computing, you need to continue sampling. Appear as below:

5、Length measurement

Auto track measurement method:

Press the key to choose the length measurement method Firstly, as shown in following:

Secondly, press the key , and walk around the block, the system will display the distance in real time, as shown in following:
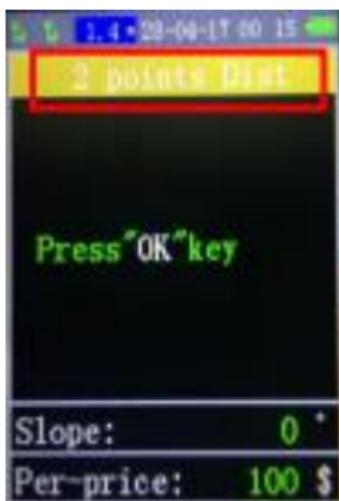

Thirdly, press the key to end the length measurement, the measured result will be shown as below:

2 points measurement,

If you want to measure the straight-line distance between 2 points, you can take this measurement method to measure the distance.

Press the key 〔 〕 to choose the length measurement method
Firstly, as shown in following:

Secondly, press the key 〔 OK 〕 to add a point, the bottom of screen displays the current

distance.

Thirdly, press the key to end and display the measurement result. as shown in following
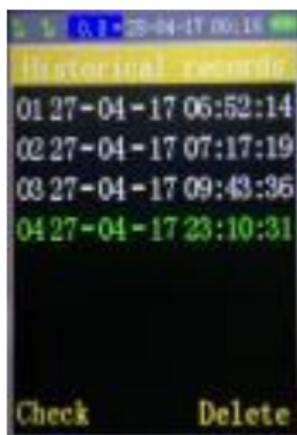
figure:

6、Records

Press the button 【 📖 】 to enter the history record interface, press the button " ▲ , ▼ " to move cursor, select area or distance records, and press the key ▶ OK to enter.

Press the key ▲ , ▼ to move the cursor, when a record is selected,

press the key 🔘 or ▶ OK to access selected record.

"historical records" interface, named in a record time.

Following interface is for the area measurement result.

When pressing the key [icon], you will be prompted to confirm clearing the record, then press the key [▶ OK] or [icon] to delete the selected record, if press the key [icon] or [icon] to return "historical records" interface.

7. Data output (higher specification model has this feature)

Firstly, connect the measurer to the computer by USB cable.

Secondly, press the power button to let device power off

Thirdly, the measurer and computer through the USB cable connection

Fourthly, press the power button to let device power on, the measurer will automatically enter the connection mode after detecting the computer.

Fifthly, run export software

The software needs to be connected to the internet to display online map, please confirm the network normal operation.

Read all records.

Click on the upper left corner of the "ready the record" button, start from the measurer reading all records, it will take several minutes to export all the records, and all the records will be list in the left of the list of records.

browse a single record

Click the record in the record list to display the graphics,data and network map.

View on line map to switch "map" "satellite" and "three-dimentional" three modes.

save a single record

Click the record which you need, and then click the "save" button, you can record the POI data file and screenshot file saved in the user's choice of folder.

exit

Click the exit button to exit the software

The measurer will exit and power off after unplugging the USB line.

FCC Caution.

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.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: 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 against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following 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.