

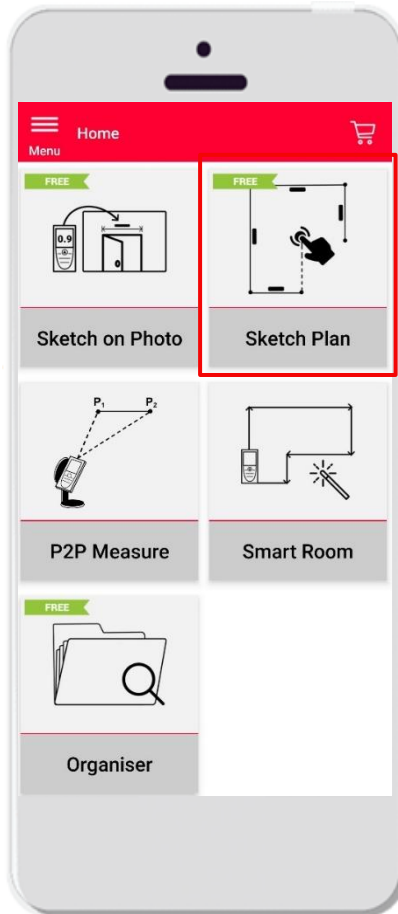


DISTO™ Plan App

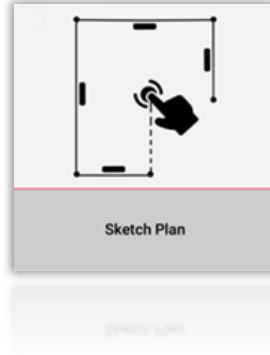
Sketch Plan

- when it has to be **right**

Sketch Plan Overview



- Create precise floorplans or any other situation plan
- Features:
 - Automatic snapping
 - Auto-scale
 - Add doors, windows and wall openings
 - 3D view
 - Export in jpg, pdf and CAD format (2D/2D+Height)



- when it has to be **right**

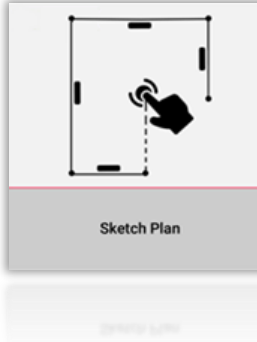
Sketch Plan

How to start

- Connect your DISTO™ with the DISTO™ Plan App



- Read also our training materials about **How to connect** to learn how to connect with your device
- Sketch on Photo is also compatible with older devices featuring Bluetooth v4.0 (X4, D510, D810 etc.)



See also our videos about:

- How to connect Leica DISTO™ X1/D2/D2G with a phone/tablet - iOS
- How to connect Leica DISTO™ X1/D2/D2G with a phone/tablet - Android
- How to connect Leica DISTO™ D1/D110/D2 with a phone/tablet
- How to connect Leica DISTO™ X3/X4 with iPhone/iPad
- How to connect Leica DISTO™ X3/X4 with Android phone/tablet
- How to connect Leica DISTO™ D5/X6 with iPhone/iPad
- How to connect Leica DISTO™ D5/X6 with Android phone/tablet
- How to connect Leica DISTO™ D510 with a phone/tablet
- How to connect Leica DISTO™ D810 touch/S910 with a phone/tablet
- How to connect Leica DISTO™ S910 in WiFi with iPhone/iPad
- How to connect Leica DISTO™ S910 in WiFi with an Android phone/tablet

- when it has to be **right**

Leica
Geosystems

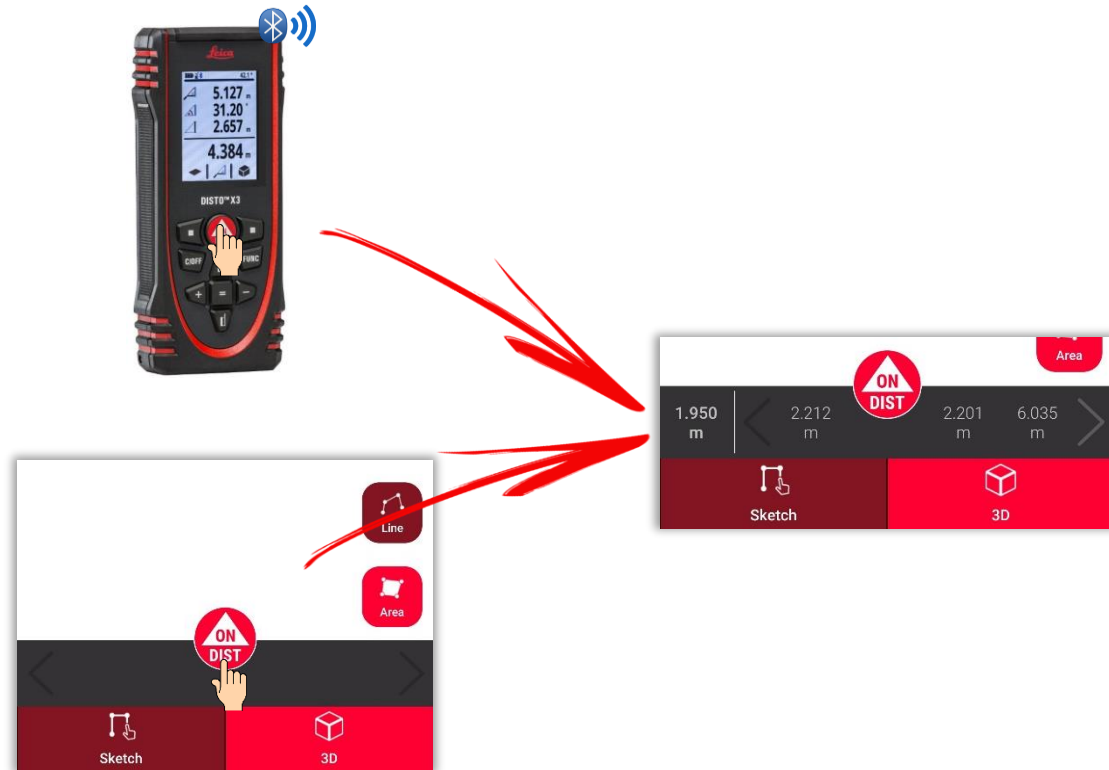
Sketch Plan

How to transmit measurements from DISTO™

There are two ways to transfer measurements from DISTO™:

1. With red “ON/DIST” button on the device
2. With red “ON/DIST” button on the screen (not available for DISTO™ D510)

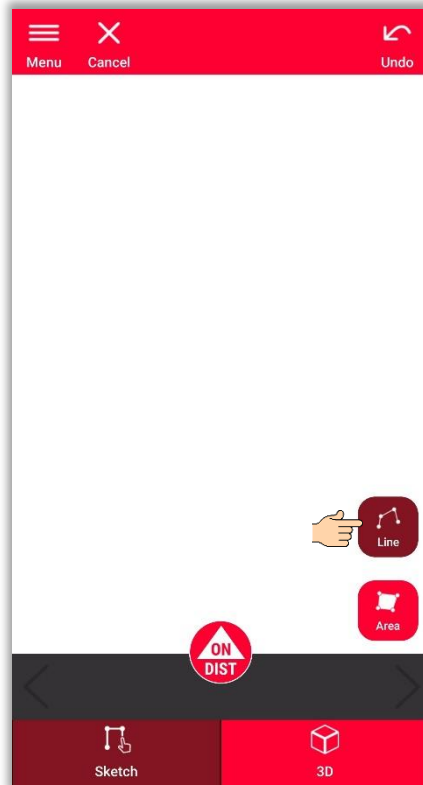
- All the measurements will be displayed on the stack bar in the app



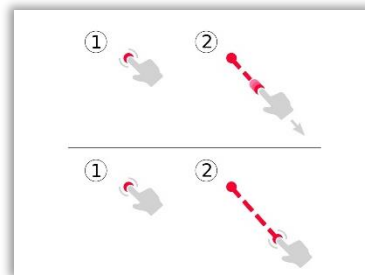
- when it has to be right

Sketch Plan

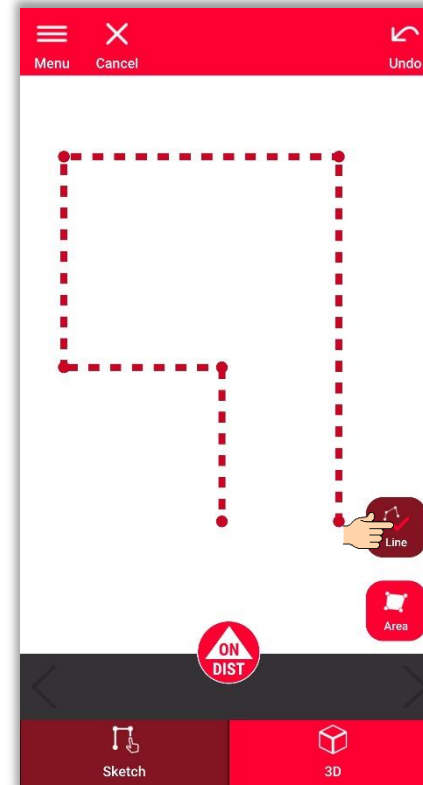
How to sketch a line



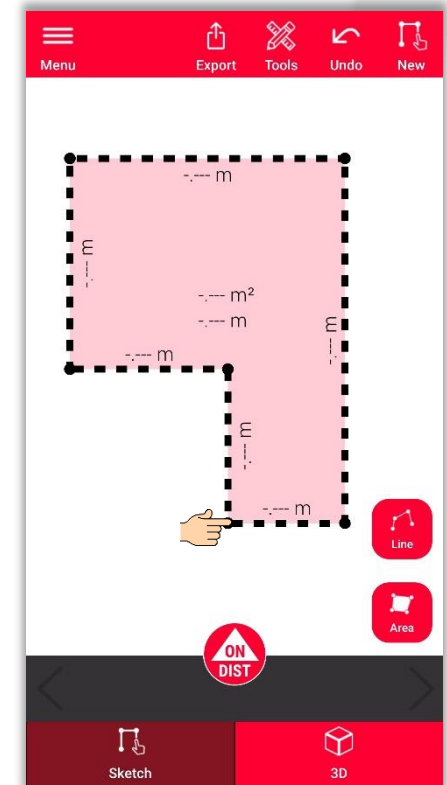
Tap on the “Line” button to select it



Tap and swipe or tap and tap to draw a line



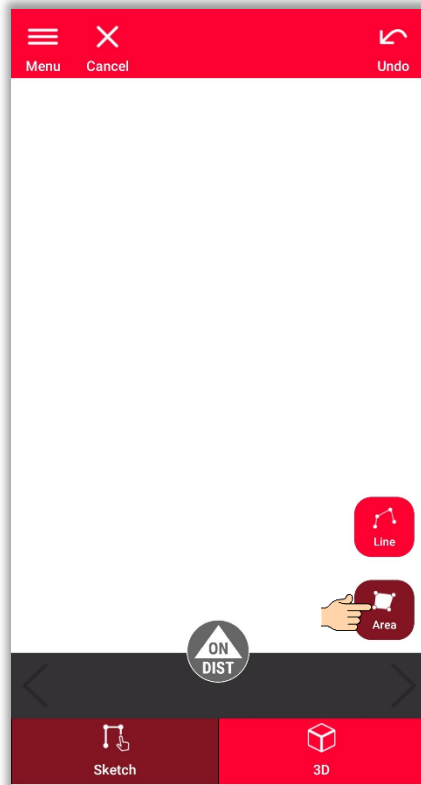
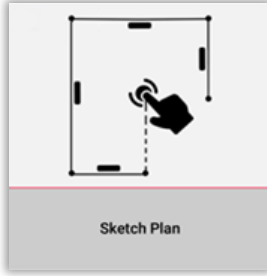
Press again the button to finish the line



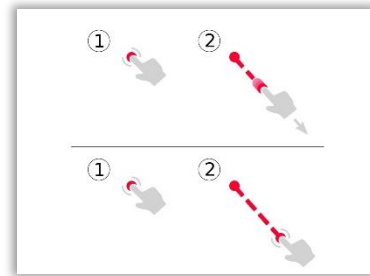
Line finishes automatically when connecting it to the start point

Sketch Plan

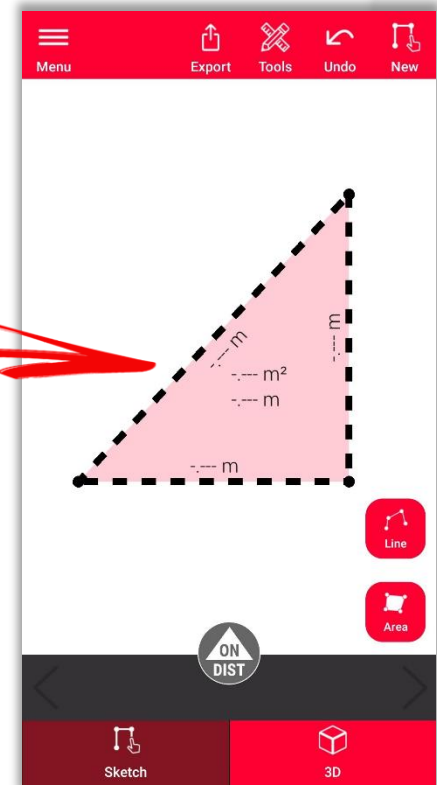
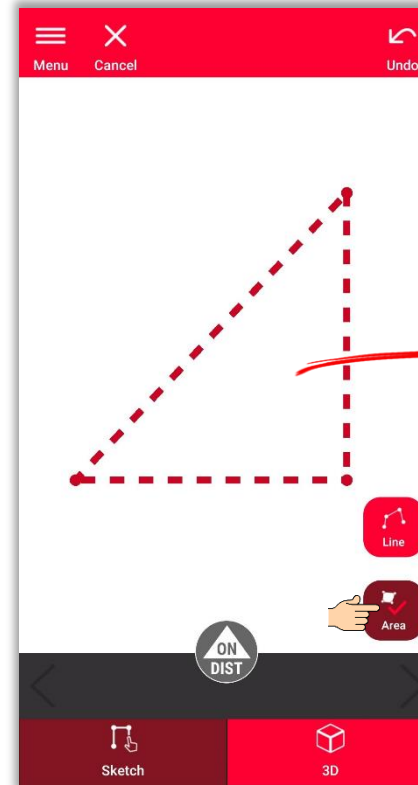
How to sketch an area



Tap on the “Area” button to select it



Tap and swipe or tap and tap to draw a line

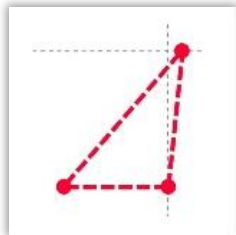


To create an area, tap at least three points on the screen
Tap “Area” button again to finish defining the area

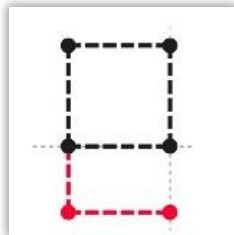
Sketch Plan

How to use snapping

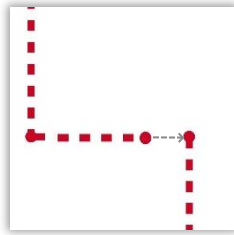
- **Snapping** helps with drawing more precisely by automatically correcting the position of drawn points and lines
- In DISTO™ Plan App there are several snapping methods applied:



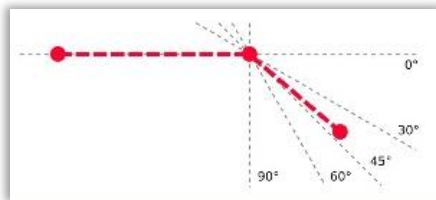
Perpendicular correction



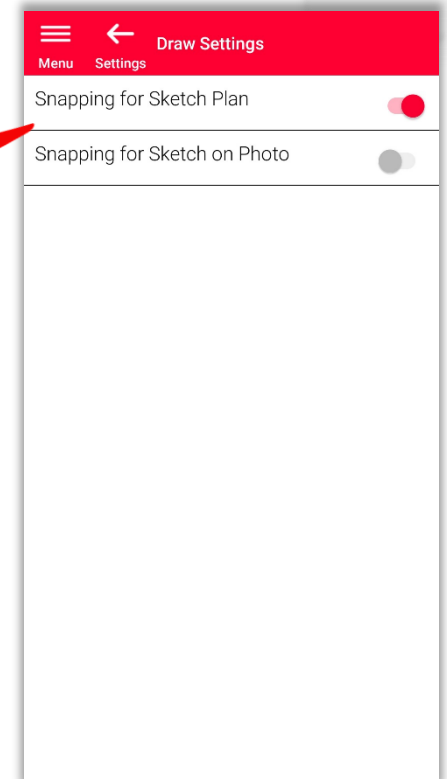
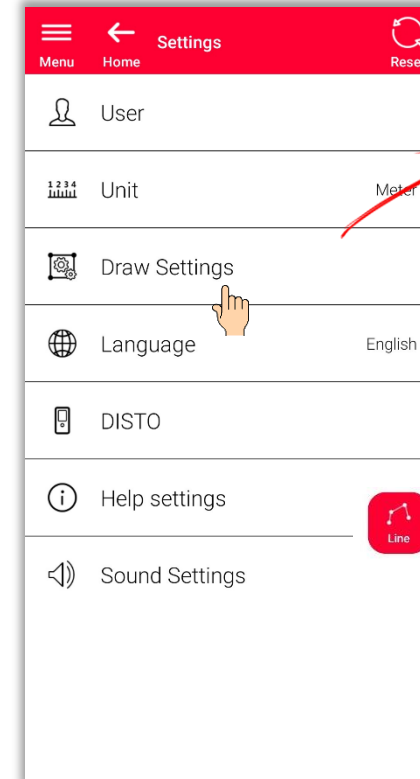
Parallel correction



To Point correction



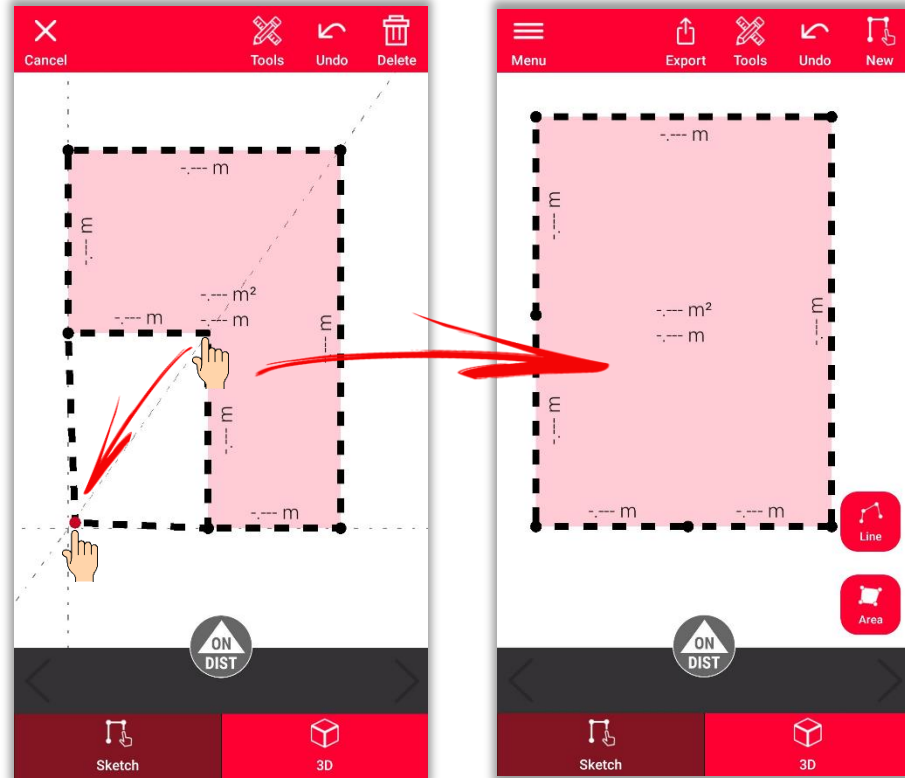
Angle correction



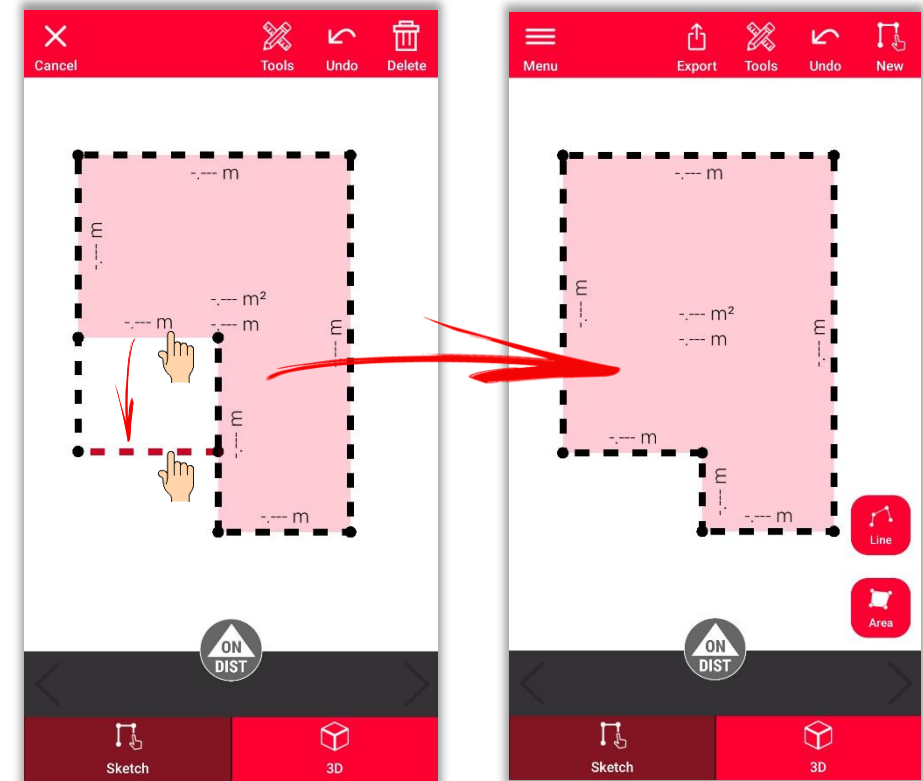
To turn the snapping ON or OFF go to **Settings** and open the **Draw Settings** menu

Sketch Plan

How to edit



Long tap on a point and drag it, to move the corner of the room



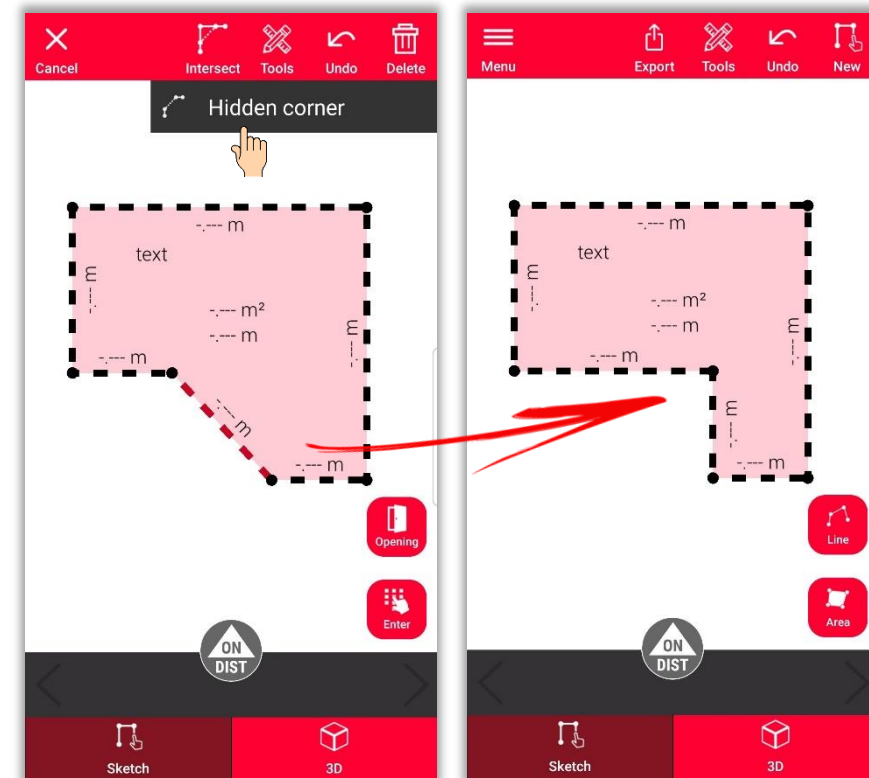
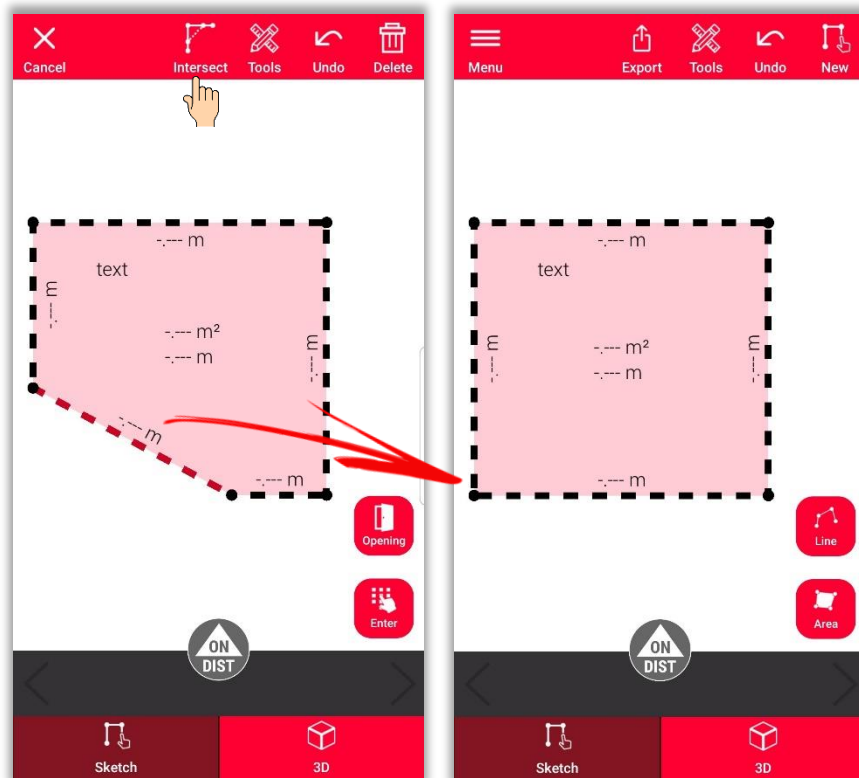
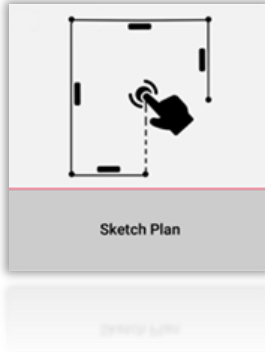
Long tap on a line and drag it, to move the wall



Sketch Plan

How to sketch

Use **Intersect** or **Hidden corner** tools to calculate not visible points



- when it has to be right

Sketch Plan

How to add measurement to a line

There are few ways to add new measurements to the sketch:

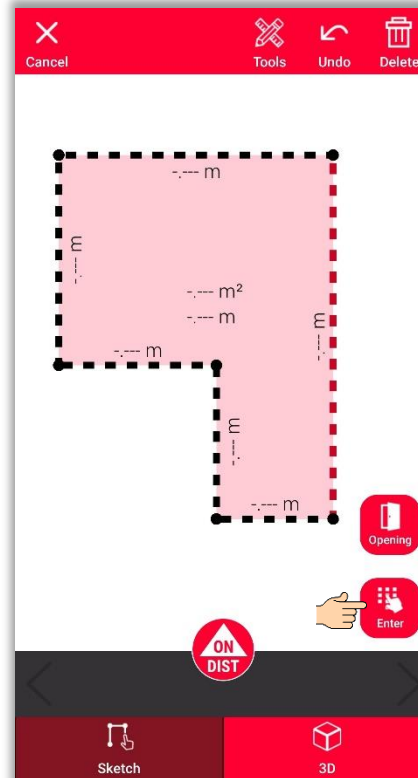
1. Select a line and Enter the length



Sketch will be automatically re-scaled and adjusted to the measurements

Calculated values will be displayed in brackets

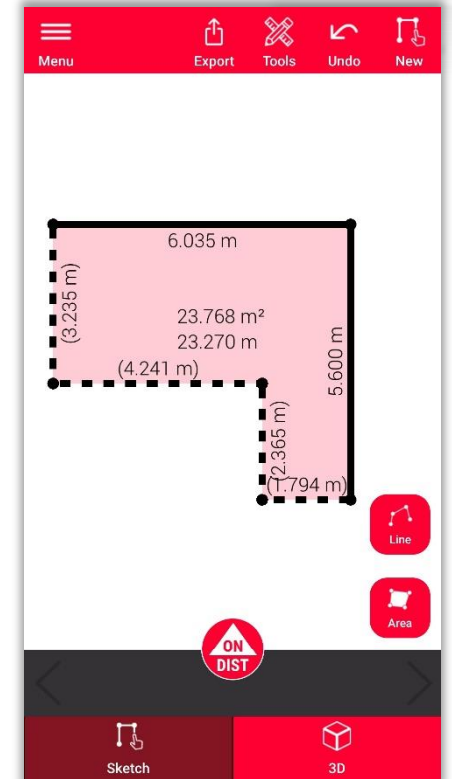
The area and circumference will be displayed in the centre of the area



Enter length

 m

Enter the length of the line



Measured lines will not be displayed as dashed lines anymore

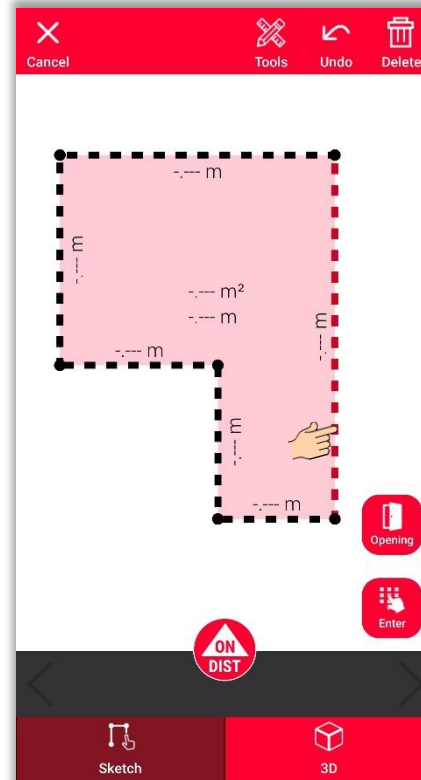
- when it has to be right

Sketch Plan

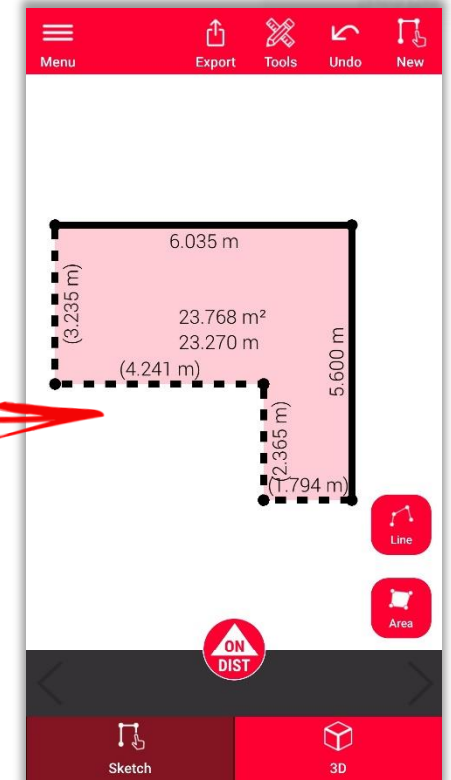
How to add measurement to a line

There are few ways to add new measurements to the sketch:

1. Select a line and Enter the length
2. Select a line and select a measurement from the stack bar



Measurement will be transmitted to the selected line

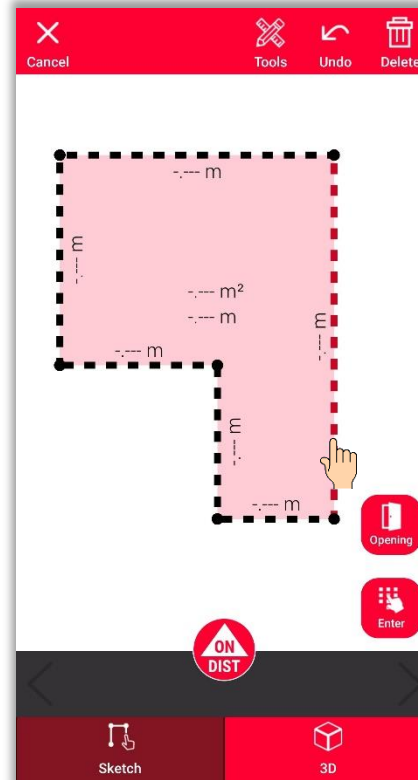


Sketch Plan

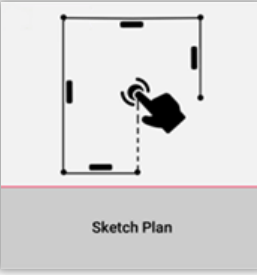
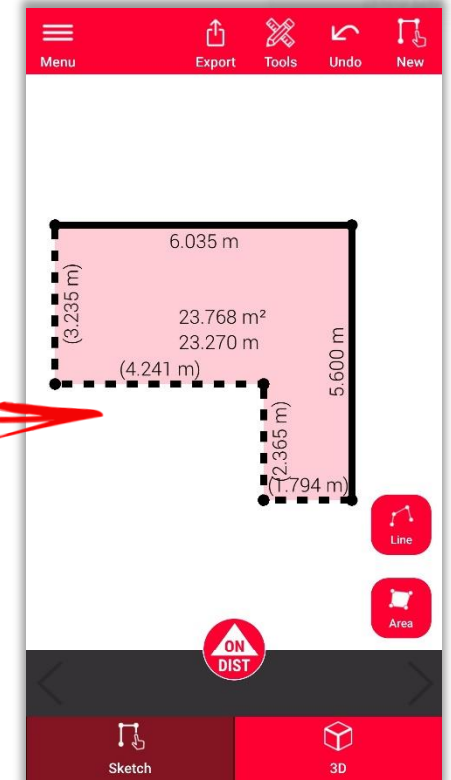
How to add measurement to a line

There are few ways to add new measurements to the sketch:

1. Select a line and Enter the length
2. Select a line and select a measurement from the stack bar
3. **Select a line and measure it with DISTO™ using red 'ON/DIST' button on the device or the screen**



Measurement will be transmitted to the selected line



- when it has to be right

Sketch Plan

How to measure

There are few ways to add new measurements to the sketch:

1. Select a line and Enter the length
2. Select a line and select a measurement from the stack bar
3. Select a line and measure it with DISTO™ using red 'ON/DIST' button on the device or the screen
4. Drag and drop a measurement to a line

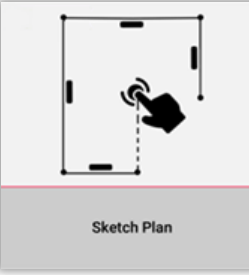
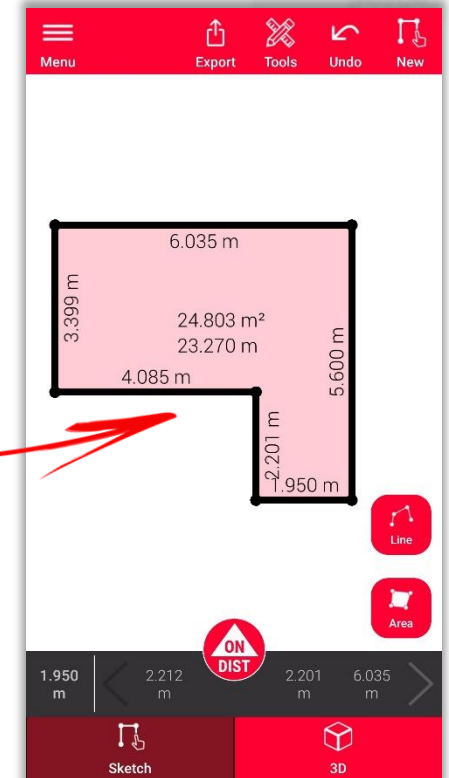
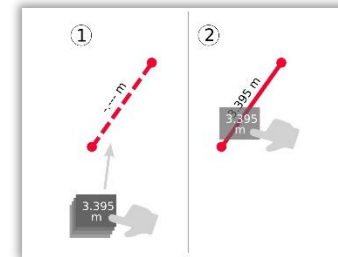


Use 'ON/DIST' button to measure and transmit the measurements to DISTO™ Plan App



Measured distances will appear in the app

Drag and drop a measurement to a line



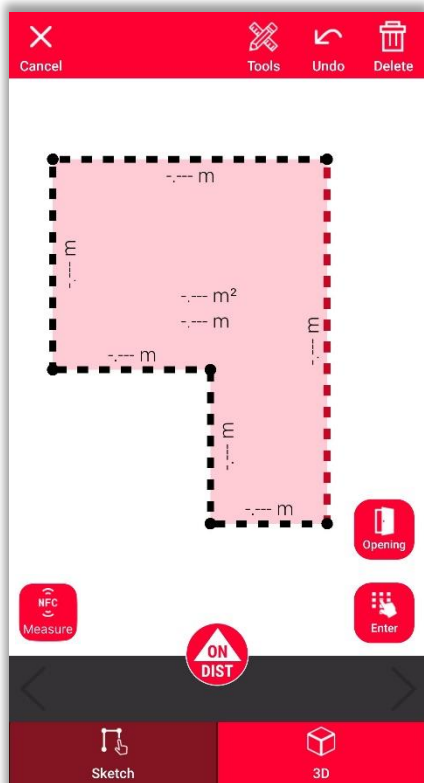
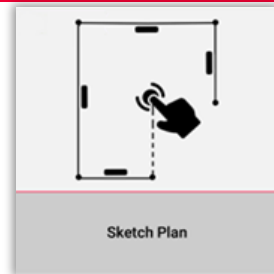
- when it has to be right



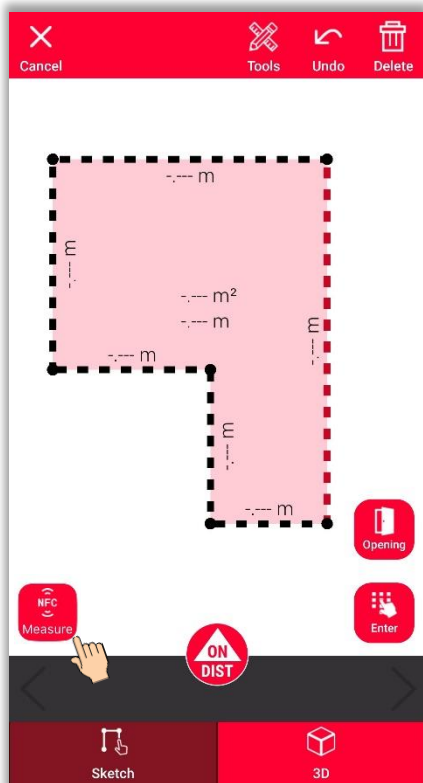
Sketch Plan

How to add measurement to a line with NFC – iOS*

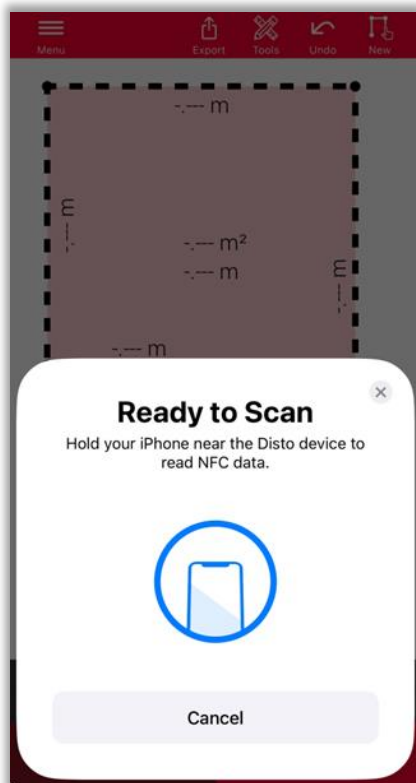
Brand new way to add measurements to the sketched lines:



Transfer measurements by selecting a line or save all to Stack without selection



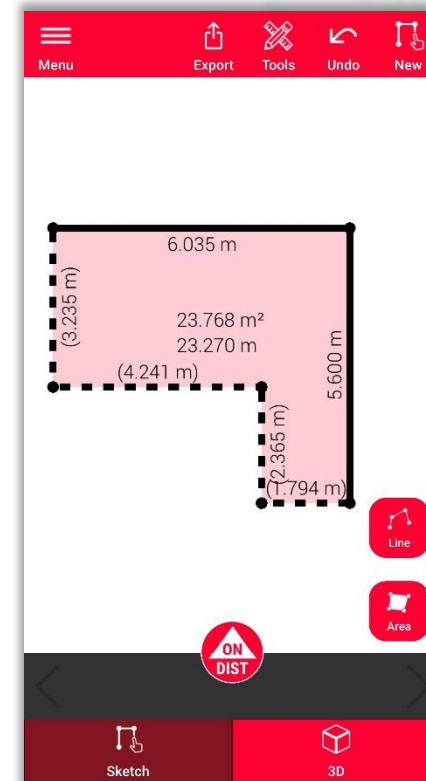
Tap on NFC Measure



Pop-up message will appear – NFC is ready



Place the back of your DISTO against the top back of your iPhone



- when it has to be right

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Geosystems

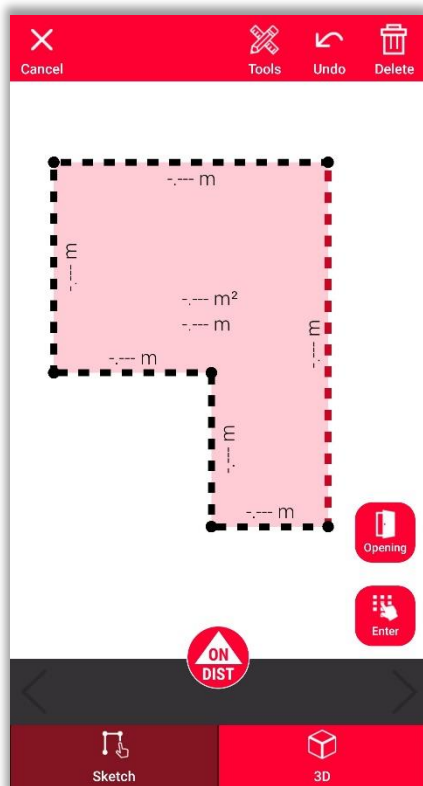
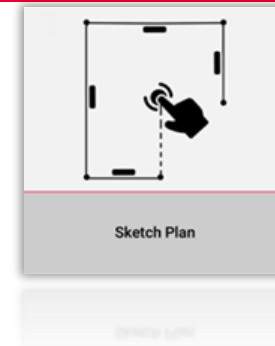
*The following devices are compatible: DISTO X1, D2-2 and D2G. The use of NFC for data transfer is only possible if Bluetooth is switched off.



Sketch Plan

How to add measurement to a line with NFC – Android*

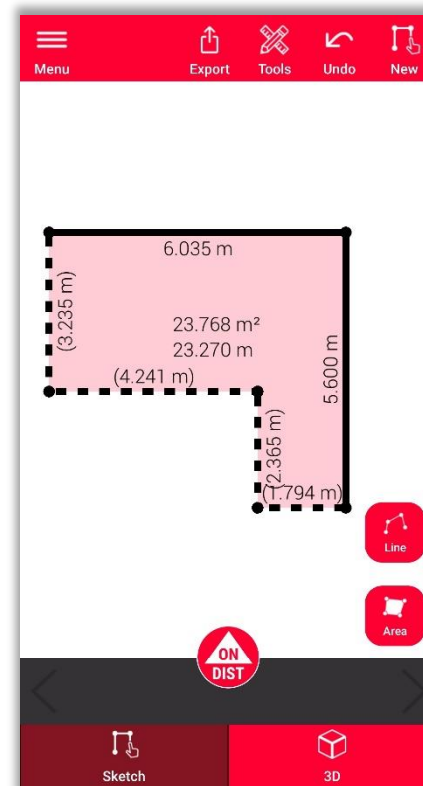
Brand new way to add measurements to the sketched lines:



Transfer measurements by selecting a line or save all to Stack without selection



Place the back of your DISTO against the back side of your phone (under the camera area)



- when it has to be **right**

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*The following devices are compatible: DISTO X1, D2-2 and D2G. The use of NFC for data transfer is only possible if Bluetooth is switched off.



Sketch Plan

How to add diagonals

Diagonals can only be added if all of the following conditions are met:

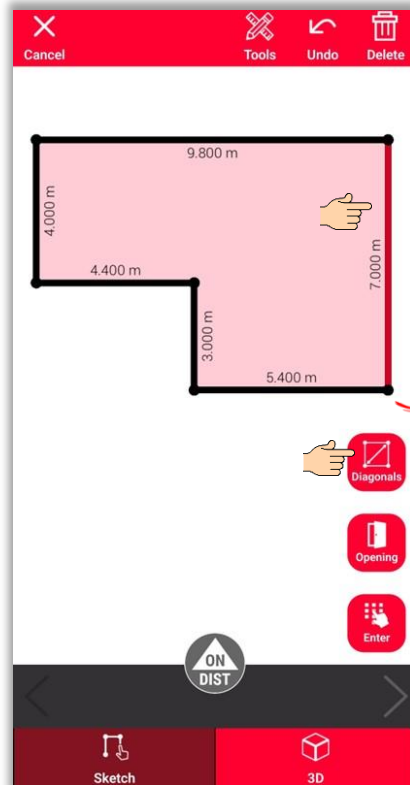
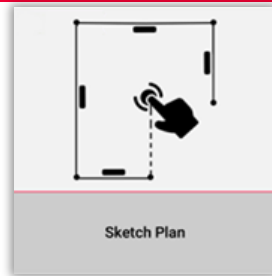
1. the shape is **closed**
2. the shape has **4 or more** sides
3. all walls have an **assigned measurement**



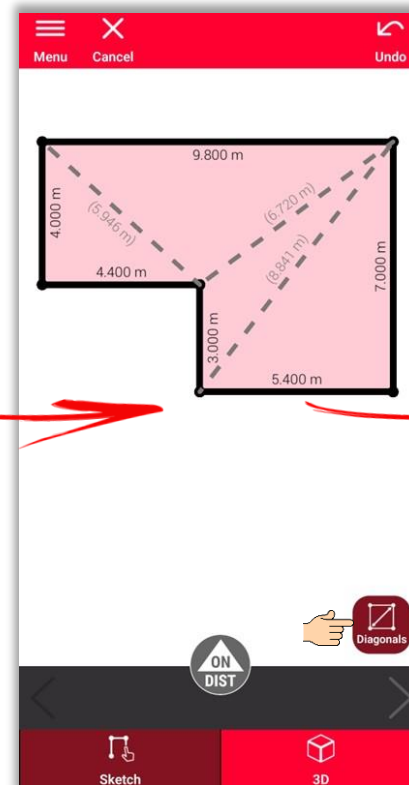
Diagonals help improve the accuracy and correctness of your plan by verifying the squareness of the walls and improving the accuracy of the scaling.



Hint: make sure to use end-piece and Tracking mode on your DISTO when measuring diagonals.

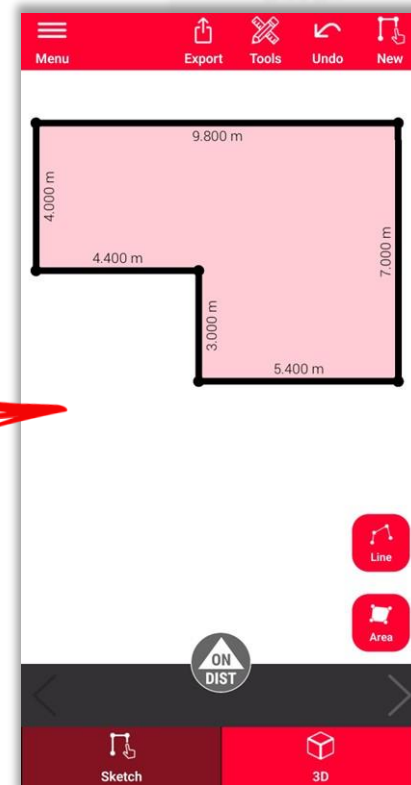


Tap on a wall and then on “Diagonals” button.



Diagonals are created. To exit the Diagonals mode, tap on “Diagonals” button.

- when it has to be **right**



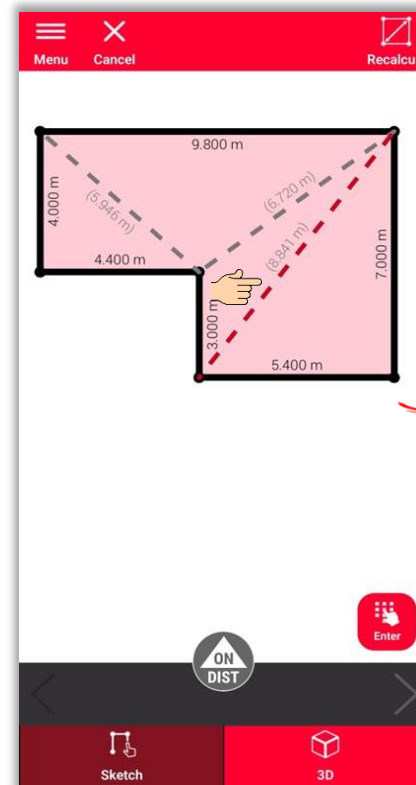


Sketch Plan

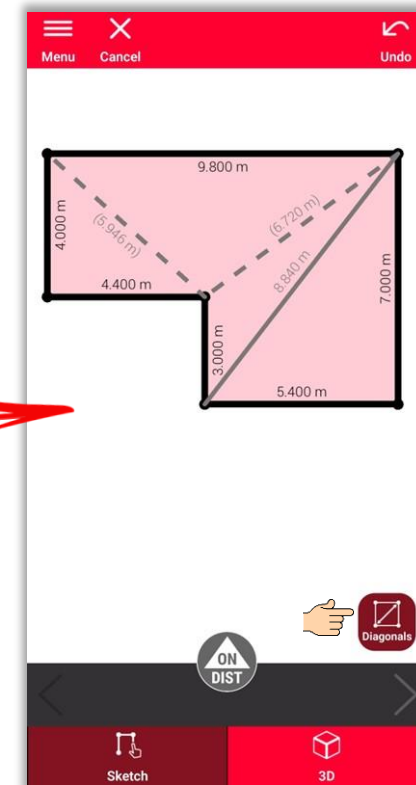
How to measure diagonals

Diagonals can be measured in the same way as lines:

1. Select a line and Enter the length
2. Select a line and select a measurement from the stack bar
3. Select a line and measure it with DISTO™ - transfer via Bluetooth or NFC*
4. Drag and drop a measurement to a line

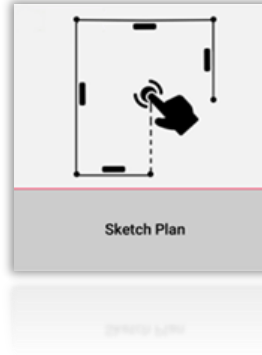


Select a diagonal and measure it.



Diagonal is now a solid line – the measurement has been assigned.

- when it has to be **right**



*The following devices are compatible: DISTO X1, D2-2 and D2G. The use of NFC for data transfer is only possible if Bluetooth is switched off.



Sketch Plan

How to recreate diagonals

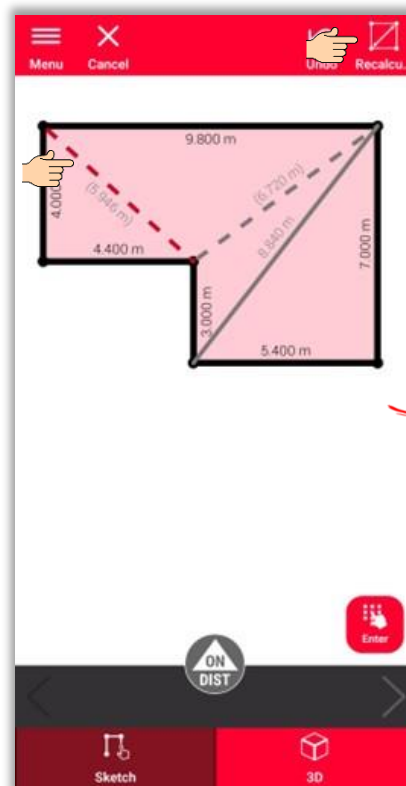
- Sometimes it is not possible to measure all the proposed diagonals.
- There may be obstacles or other impediments that would make it impossible to measure them.
- In this case, you can rearrange the diagonals in your plan to better suit the current situation on site.



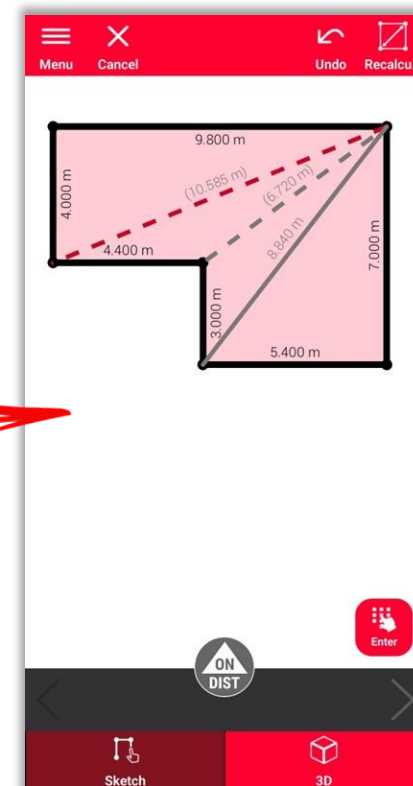
Note: While not necessary, it is advisable to measure all diagonals to ensure maximum accuracy.



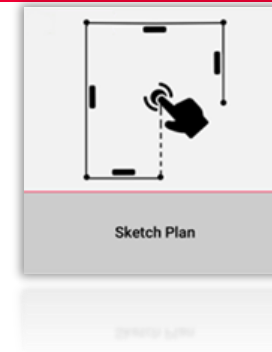
Note: Usually, there is only one alternative to a given diagonal.



Select a diagonal and then tap “**Recalculate**” in the top right-hand corner.



An alternative Diagonal has been found.



- when it has to be **right**

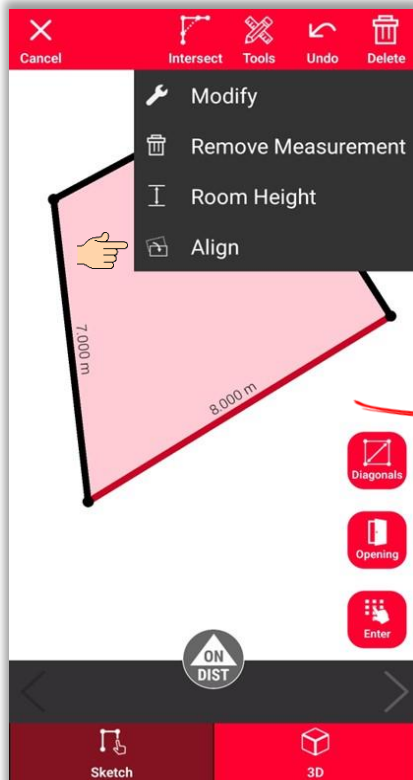


Sketch Plan

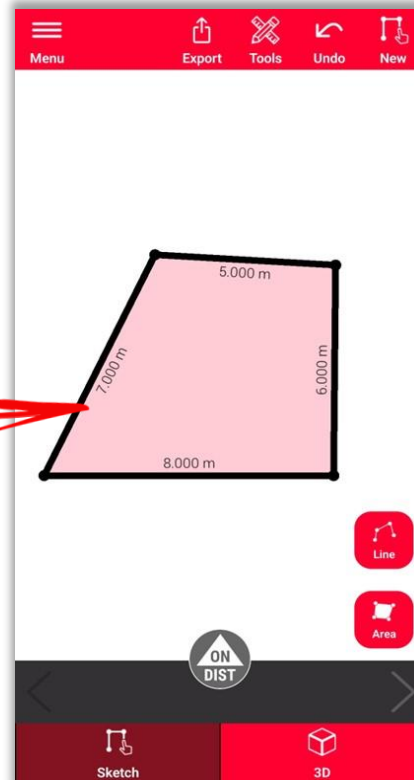
Align & Angle



Align

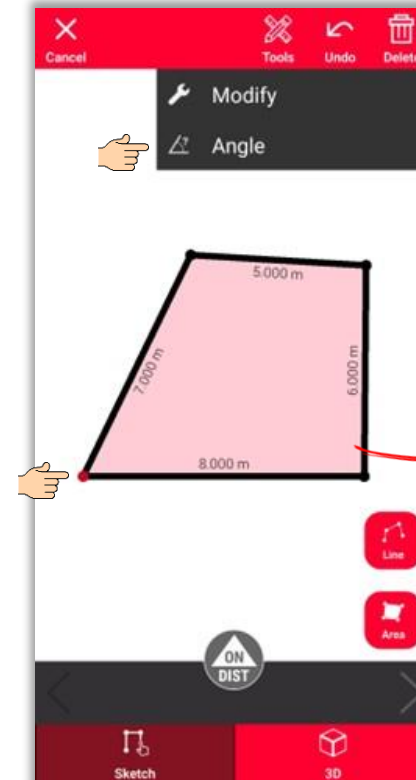


To align a rotated floor plan, select a line, tap the **“Tools”** button, and then select **“Align”**.

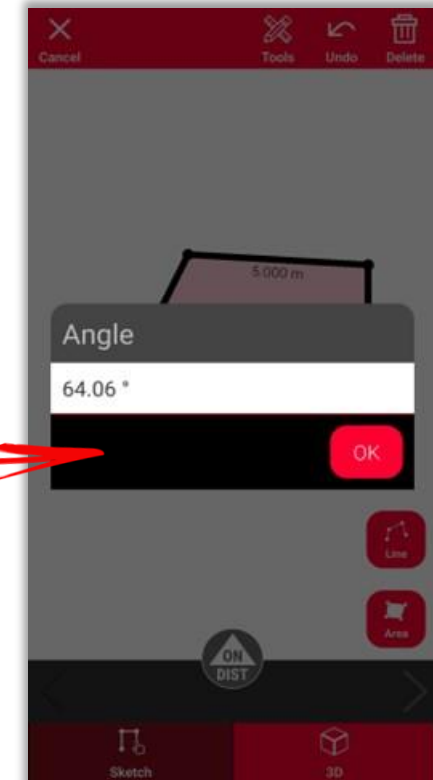


The plan has been aligned based on the selected line.

Angle



To get an angle between two walls, select a point, tap the **“Tools”** button, and then select **“Angle”**.

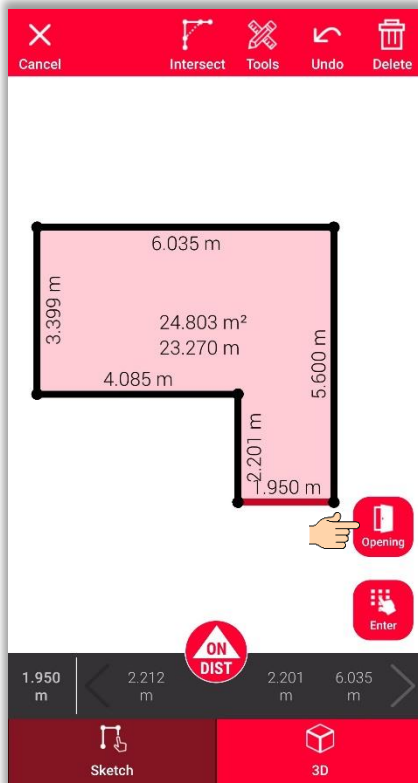


Angle is displayed.

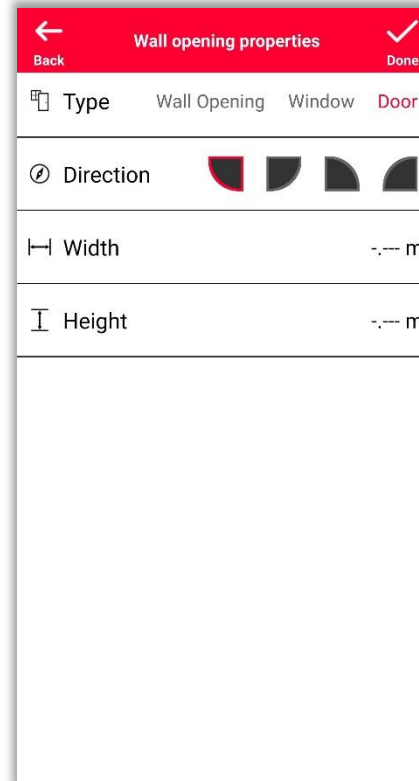
- when it has to be **right**

Sketch Plan

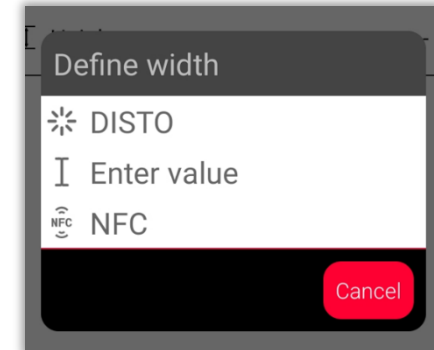
How to add Openings



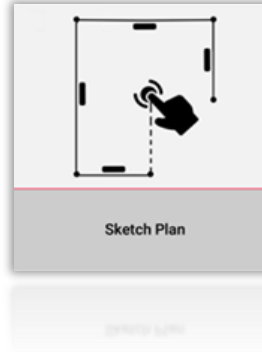
Select a line and use the “Opening” button to add doors or windows



Modify **Type**, **Direction**, and **Dimensions** of the opening



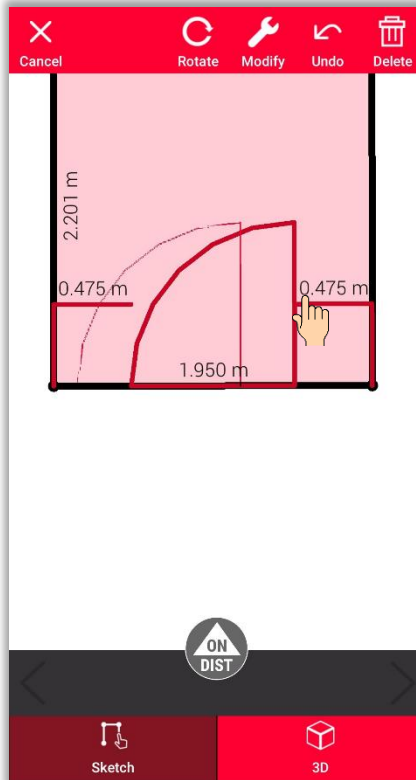
It is possible to measure the dimension with the DISTO™ or enter it manually



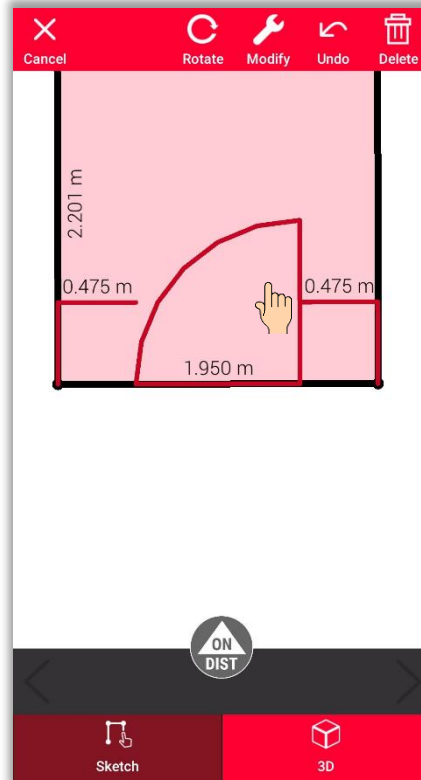
- when it has to be **right**

Sketch Plan

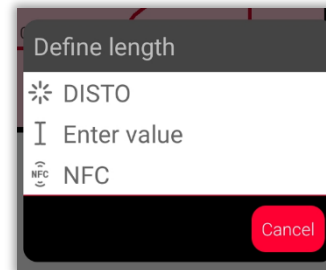
How to position Openings



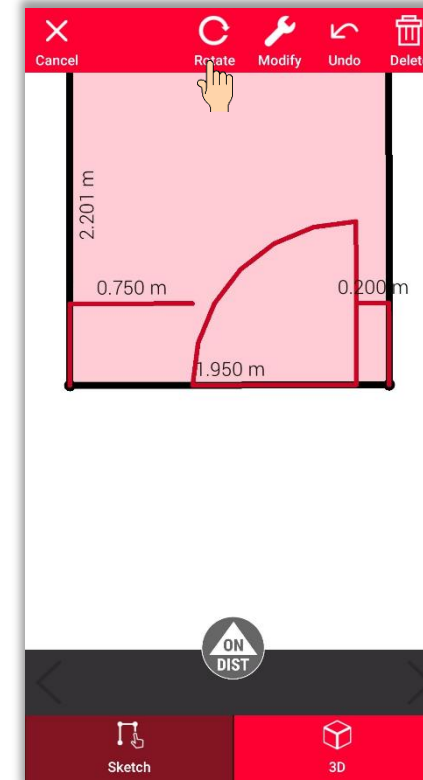
Long press on the **Opening** and move it, to change its position



Or tap on the dimension to change it



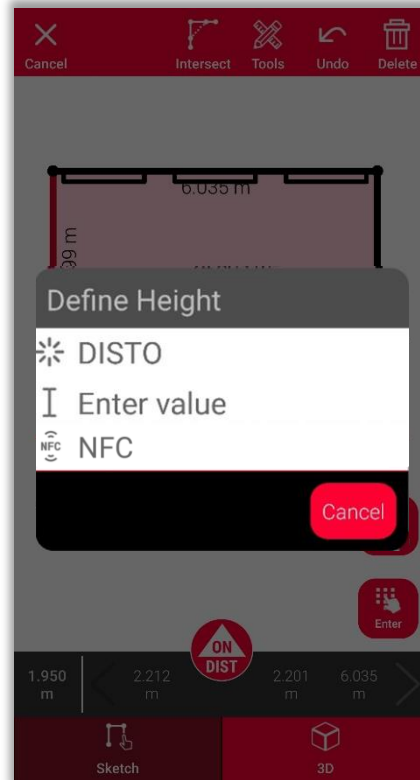
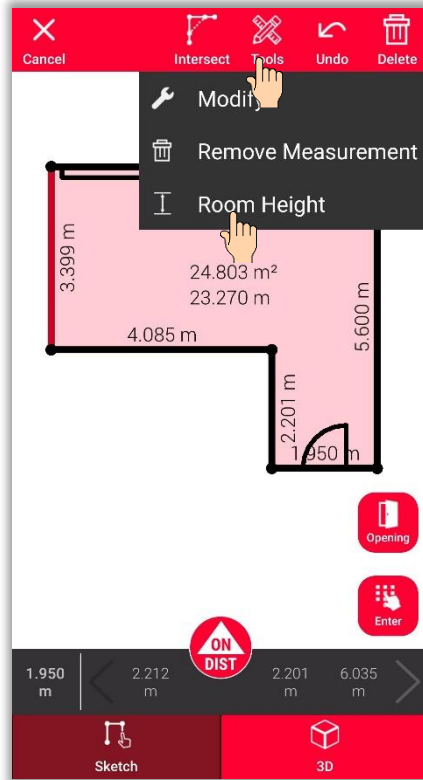
It is possible to measure the dimension with the DISTO™ or enter it manually



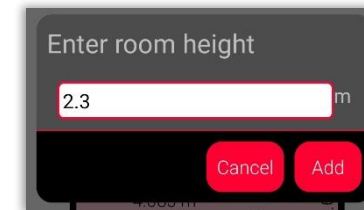
Use “**Rotate**” button to change the direction of the Opening

Sketch Plan

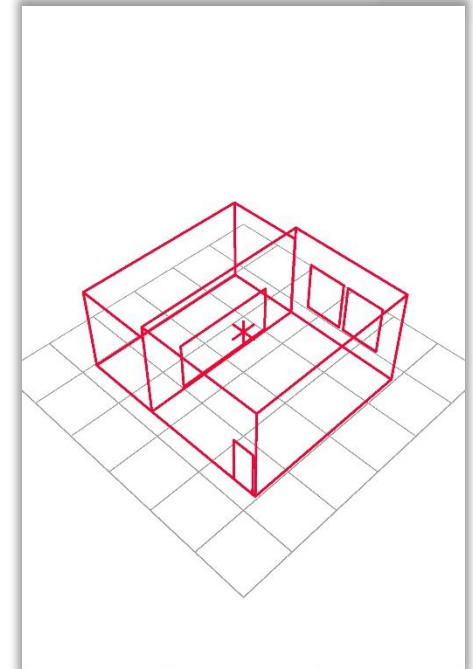
How to define a Room Height



Choose the method of defining the room height



Measure room height using **DISTO™** or **Enter** it manually

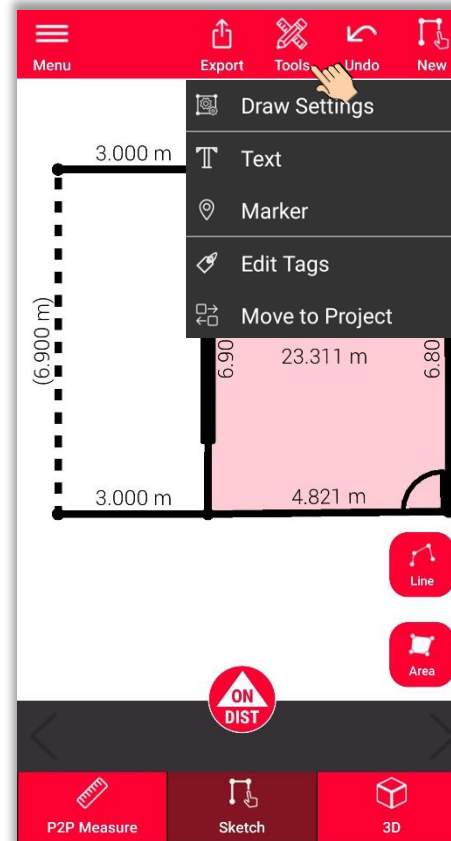


- when it has to be **right**

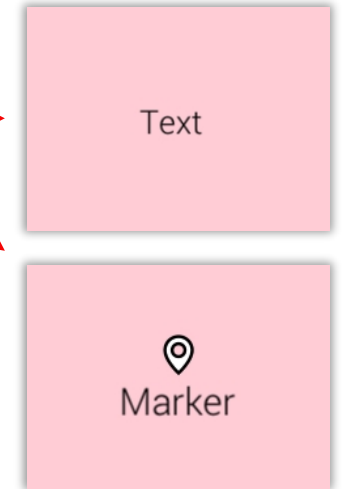
Sketch Plan

How to use Tools

- Add **Texts** and **Markers** to create quick notes and annotations
- Move sketch to **Projects** and add **Tags** to better organise



After selecting the tool
click on the screen to add
Text or **Marker**



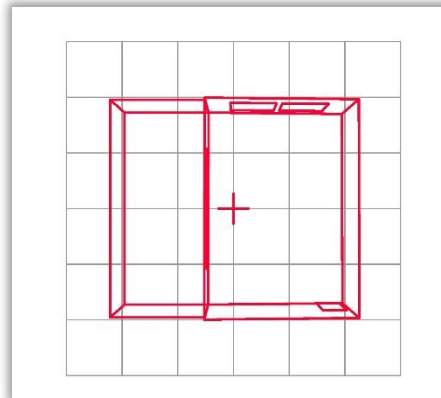
- when it has to be **right**

Sketch Plan

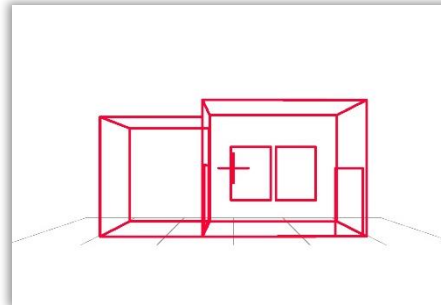
How to use 3D view

- In the **3D view** you can see a 3D representation of measured room
- You can easily zoom and rotate the view
- You can switch the view any time you want

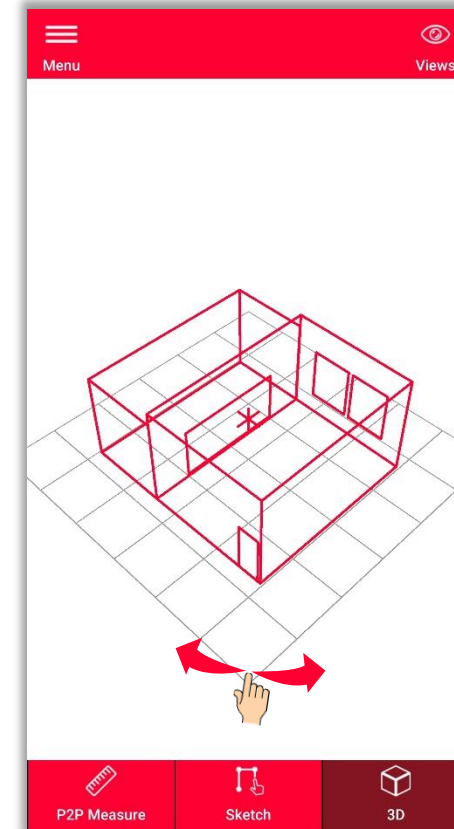
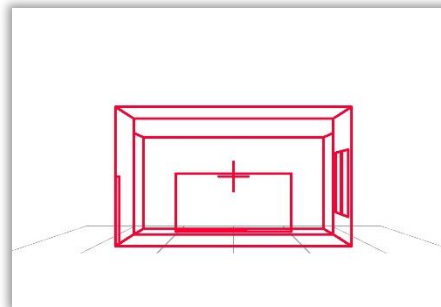
Top



Front



Side



Perspective



Sketch Plan

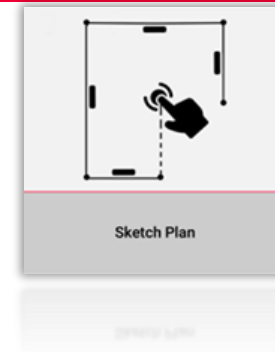
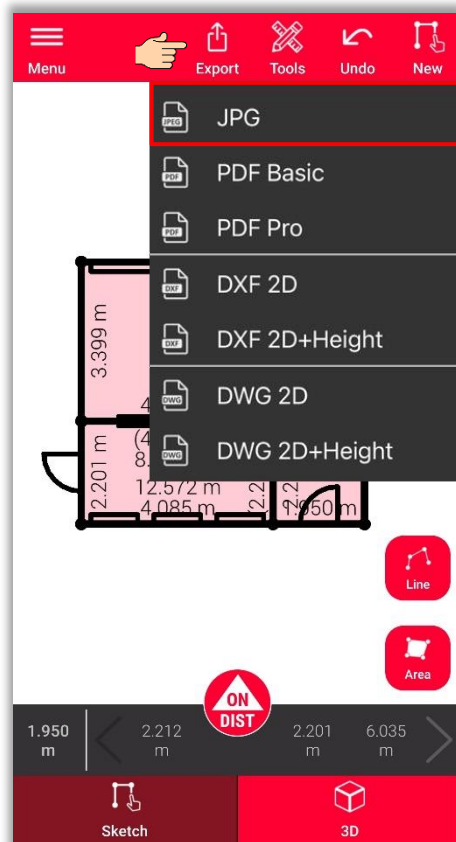
- when it has to be **right**

Sketch Plan

How to Export

Export your plan in multiple formats:

- JPG



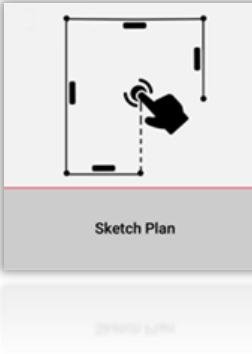
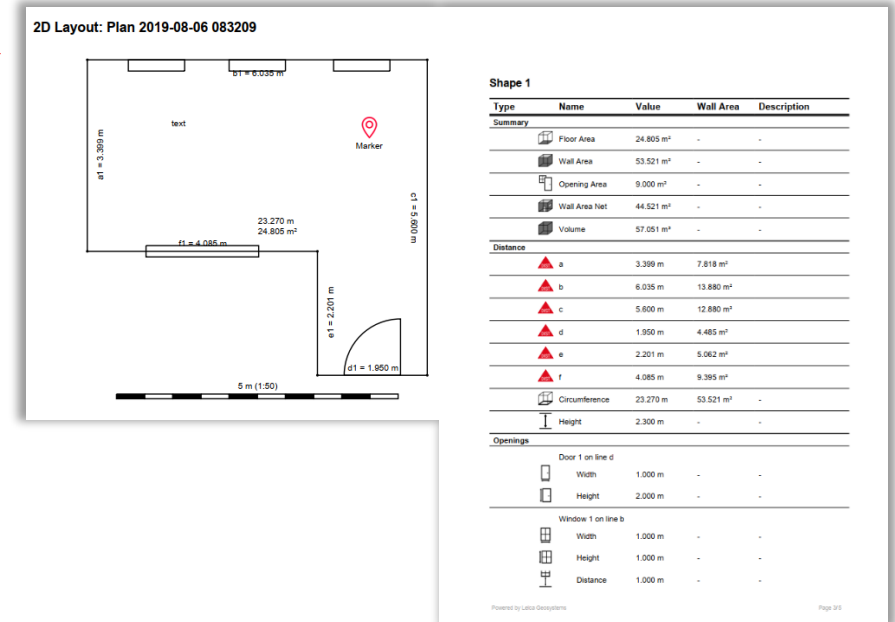
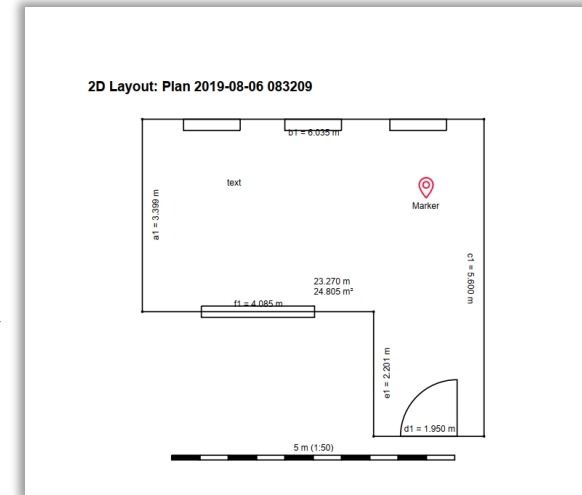
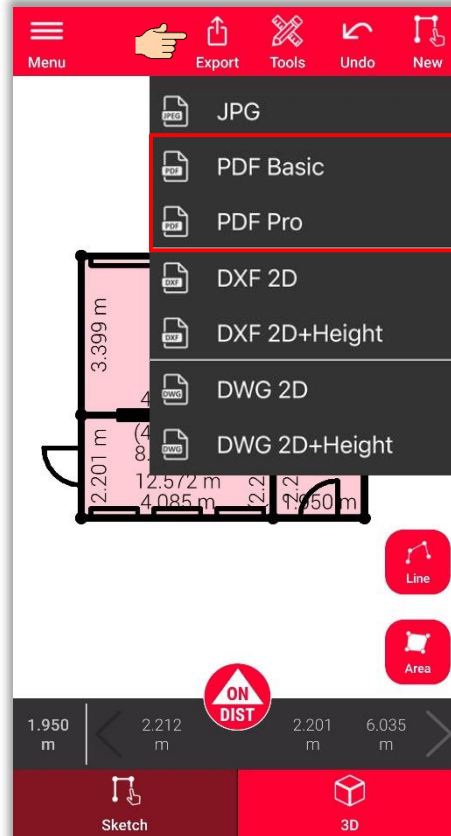
- when it has to be right

Sketch Plan

How to Export

Export your plan in multiple formats:

- JPG
- PDF Basic
- PDF Pro
Only available with a valid subscription



- when it has to be right

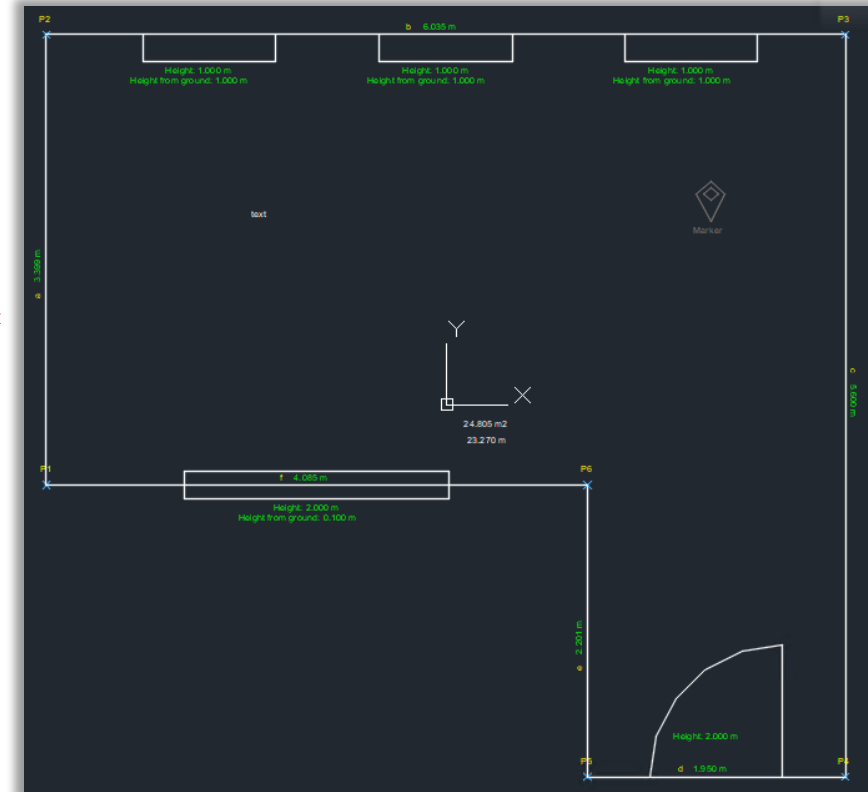
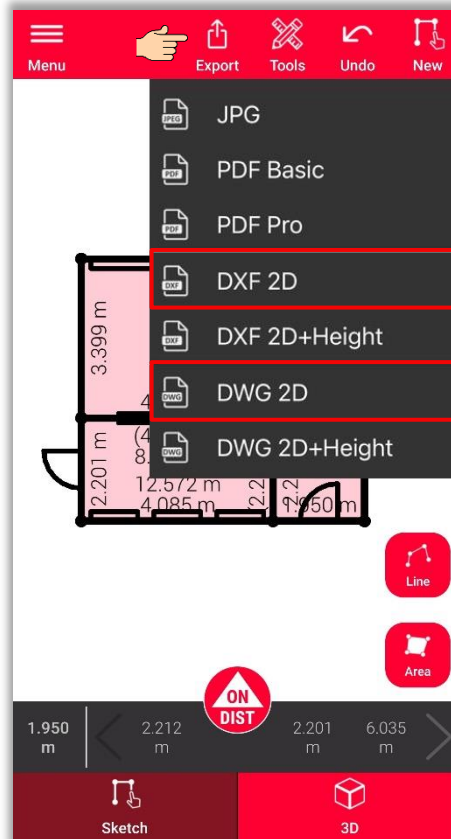
Leica
Geosystems

Sketch Plan

How to Export

Export your plan in multiple formats:

- JPG
- PDF Basic
- PDF Pro
- 2D DXF
- 2D DWG

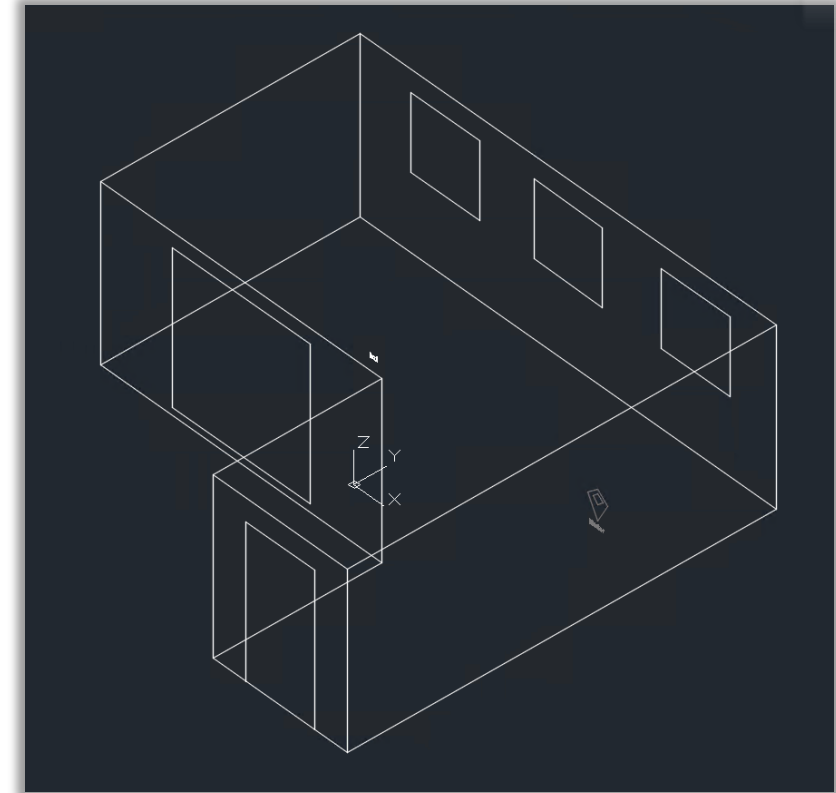
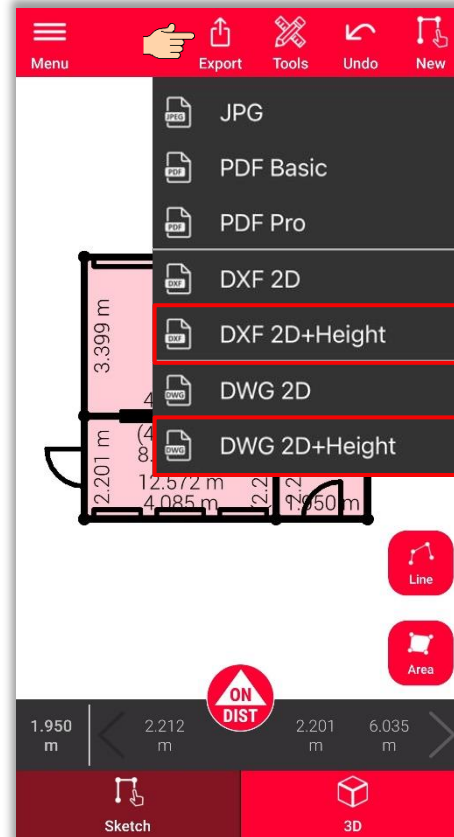


Sketch Plan

How to Export

Export your plan in multiple formats:

- JPG
- PDF Basic
- PDF Pro
- 2D DXF
- 2D DWG
- **2D+Height DXF**
- **2D+Height DWG**



- when it has to be **right**



DISTO™ Plan App

Sketch Plan

- when it has to be **right**