

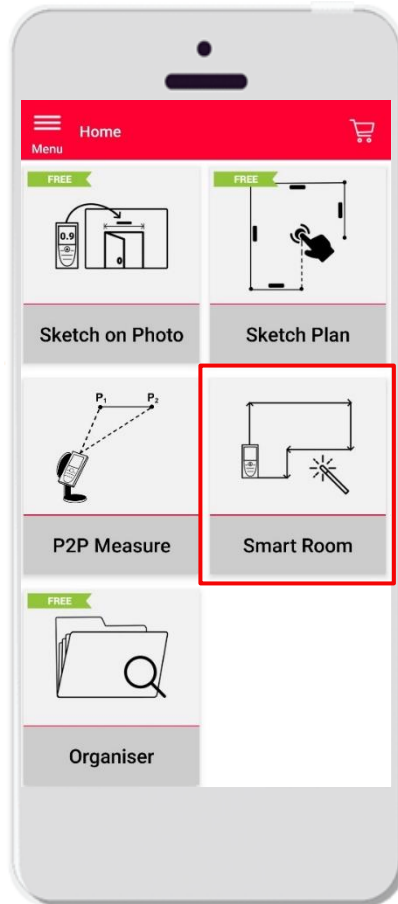


DISTO™ Plan App

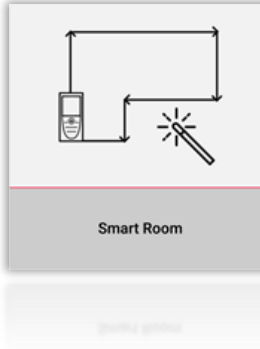
Smart Room

- when it has to be **right**

Smart Room Overview



- Automatically create scaled floorplans by measuring single distances
- Assign the room height to the floorplan and transform it into a 3D model
- Features:
 - 3D view
 - Add doors, windows and wall openings
 - Export in JPG, PDF and CAD format (2D/2D+Height)



- when it has to be **right**

Smart Room Compatibility

Smart Room module is only compatible with:

DISTO™ D2-2

DISTO™ D2G

DISTO™ X3

DISTO™ X4

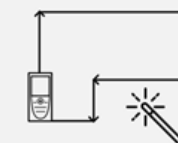
DISTO™ D5

DISTO™ X6



DISTO™ D2-2, D2G, X3, X4, D5 and X6 have a special IMU sensor which recognizes the movement of the device

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How to start

- Connect your DISTO™ with the DISTO™ Plan App

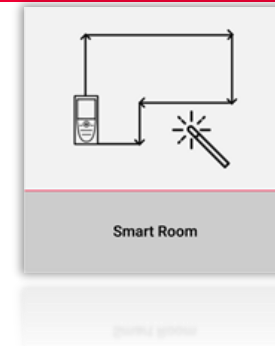


- Read also our training materials about **How to connect** to learn how to connect with your device



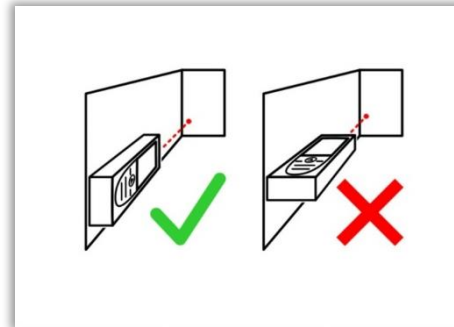
See also our videos about:

- How to connect Leica DISTO™ X1/D2/D2G with iPhone/iPad
- How to connect Leica DISTO™ X1/D2/D2G with Android 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

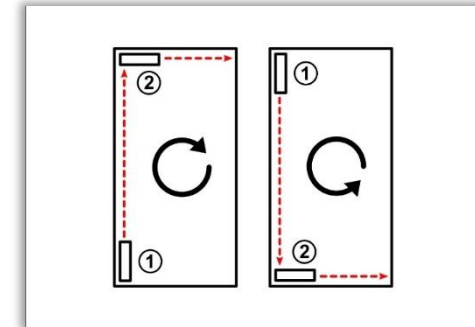


- when it has to be **right**

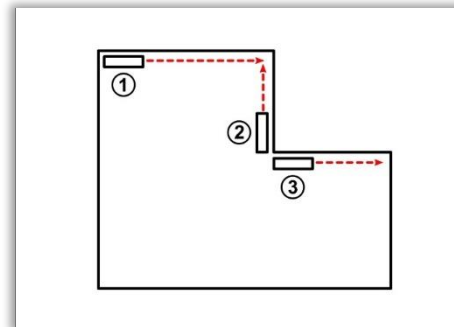
Smart Room Rules



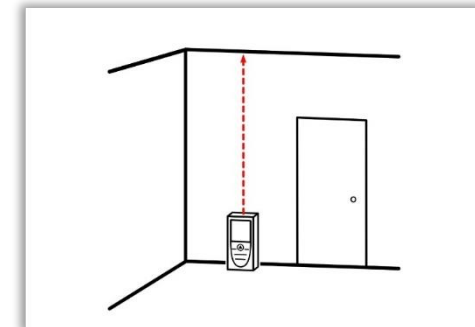
Keep screen oriented away from the wall while measuring



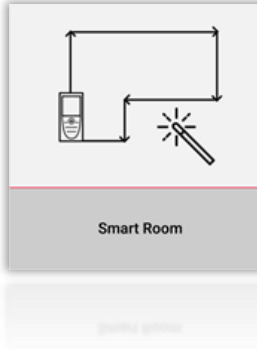
Measure the room clockwise or anti-clockwise



Reverse measurements can be done when needed



A Room Height can be measured anytime during measuring process



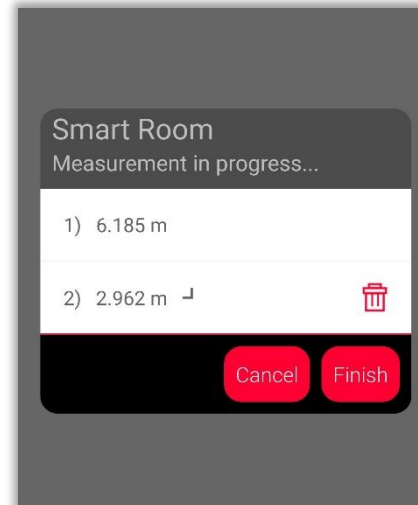
- when it has to be **right**

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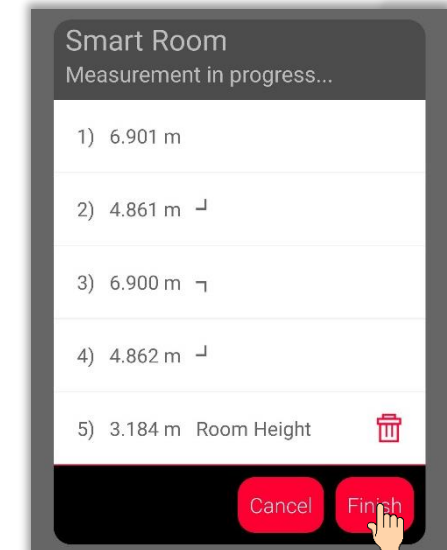
How to measure



Use 'ON/DIST' button to measure

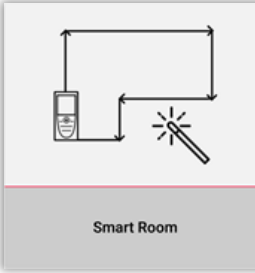


Measurements are listed on the screen



Click 'Finish' button to see the results of your measurements

- You can measure up to 20 walls and Room Height for each plan
- Only two measurements are needed to create a rectangular room
- Measurements are transmitted even if the mobile device is locked or in sleep mode

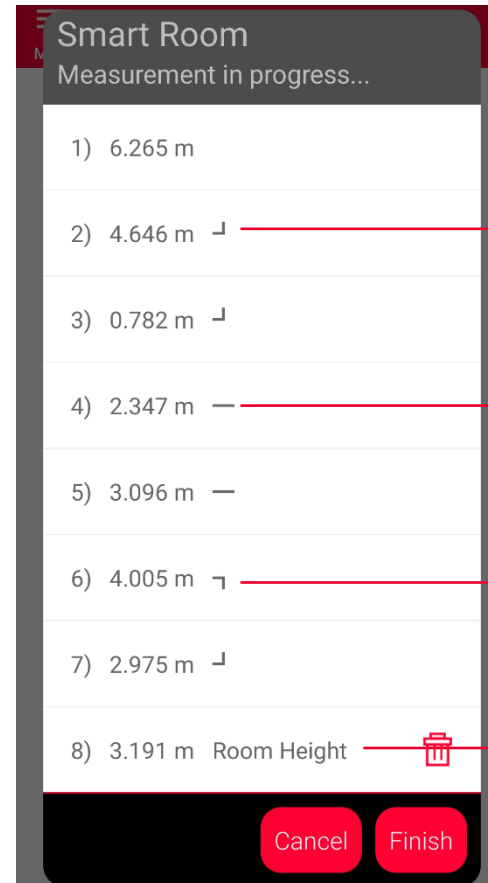
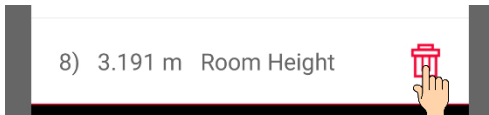


- when it has to be **right**

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How to measure

- Symbols on the list represents the direction of the measurement
- You can easily erase the last measurement

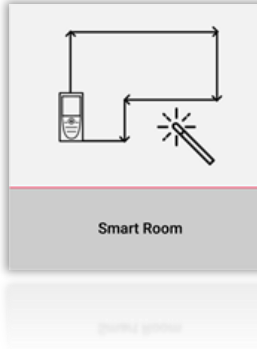


■ Measurement is perpendicular to the previous one – device has been turned to the left

■ Measurement is parallel to the previous one

■ Measurement is perpendicular to the previous one – device has been turned to the right

■ Measurement is vertical

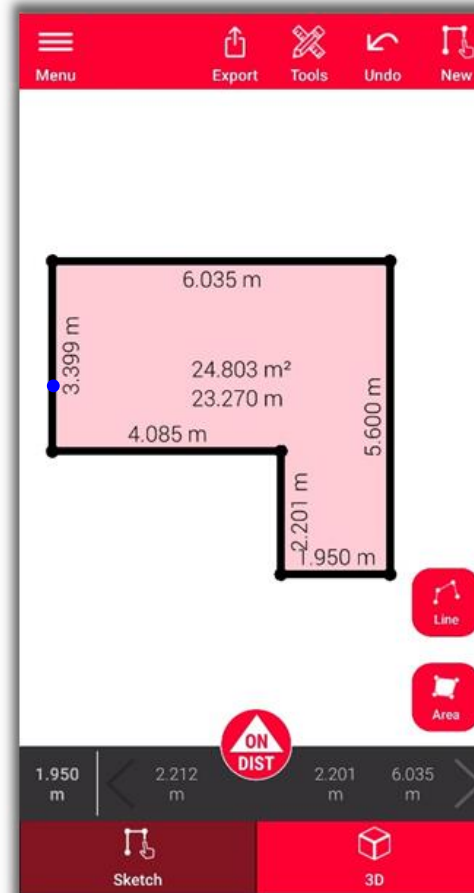


- when it has to be **right**

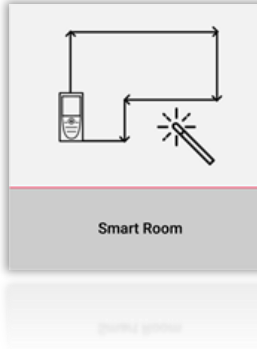
Smart Room

Sketch view

- In the **Sketch** tab you can see the results of the measurements
- You can measure new lines and areas
- You can also use tools to add **Texts**, **Markers** and **Tags**



See our **How to** video or open training materials about **Sketch Plan** to learn how to sketch



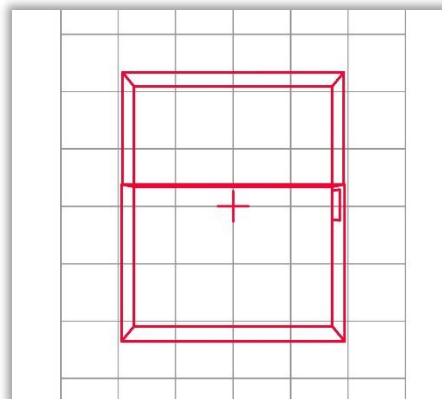
- when it has to be **right**

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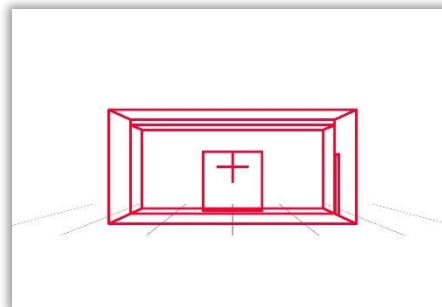
3D view

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

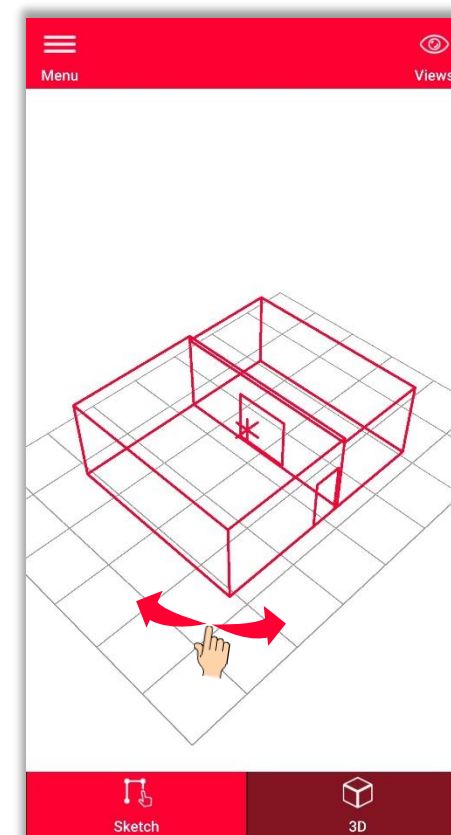
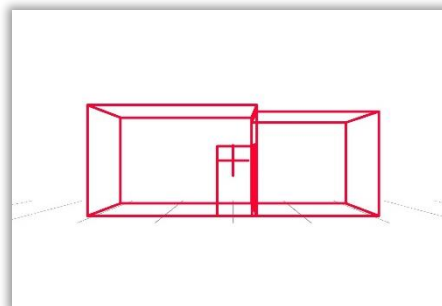
Top



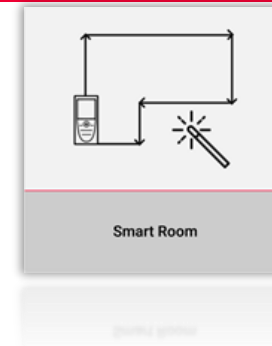
Front



Side



Perspective



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Smart Room

How to add diagonals

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

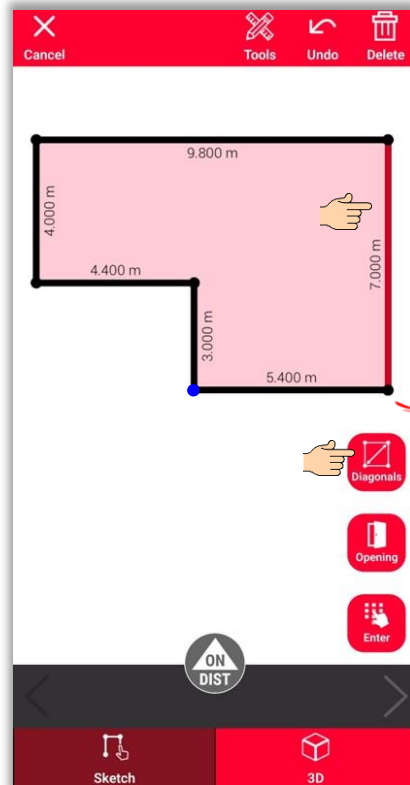
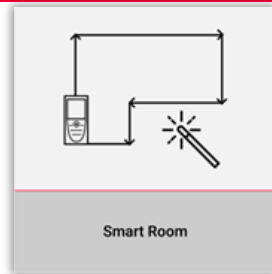
1. the shape is **closed**
2. the shape has **4 or more** sides
3. all walls have an **assigned measurement**



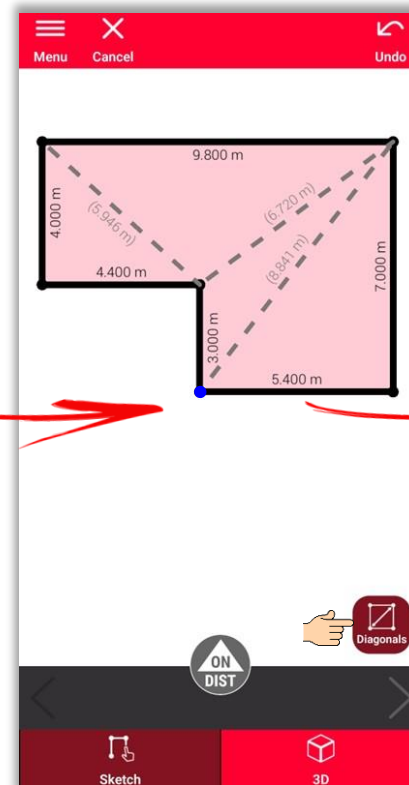
Diagonals help improve the accuracy and correctness of your plan by verifying the squareness of the walls and improving the accuracy of the scaling.



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

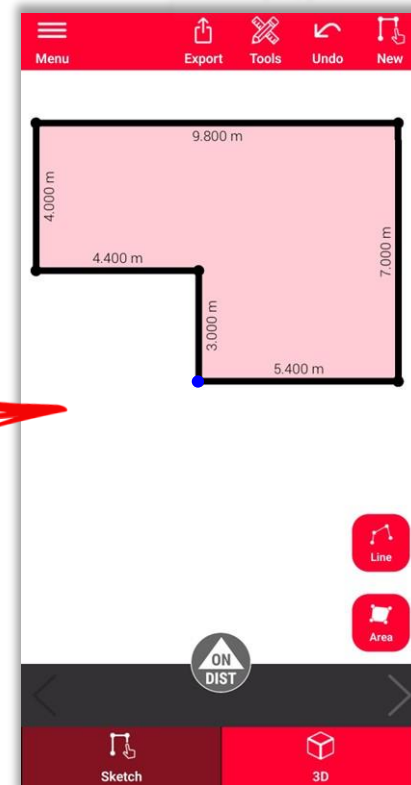


Tap on a wall and then on “Diagonals” button.



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

- when it has to be **right**



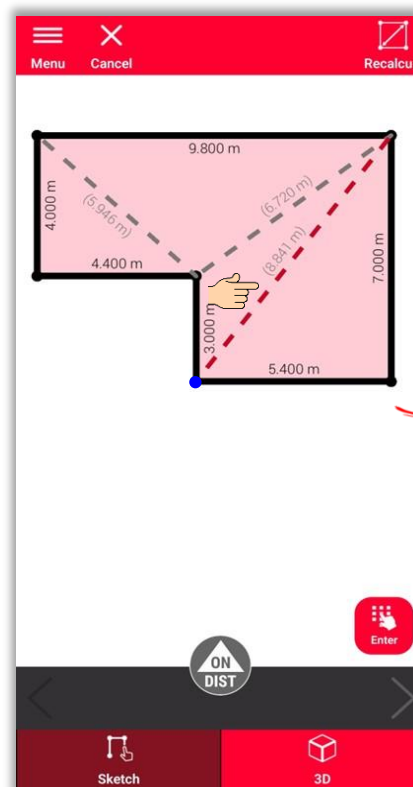


Smart Room

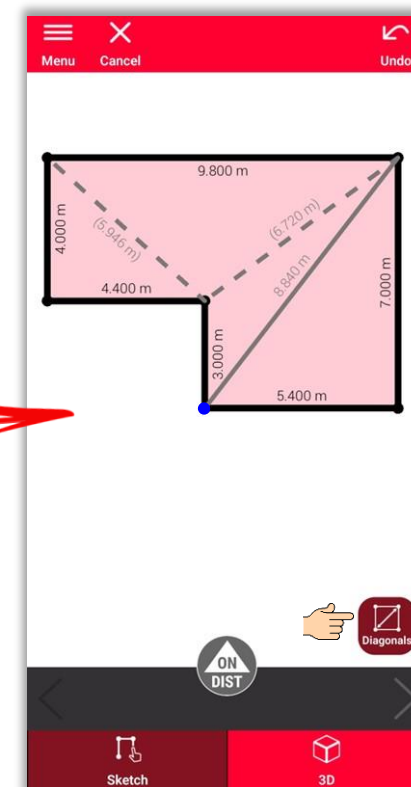
How to measure diagonals

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

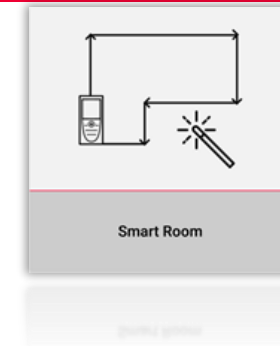


Select a diagonal and measure it.



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.



Smart Room

How to recreate diagonals

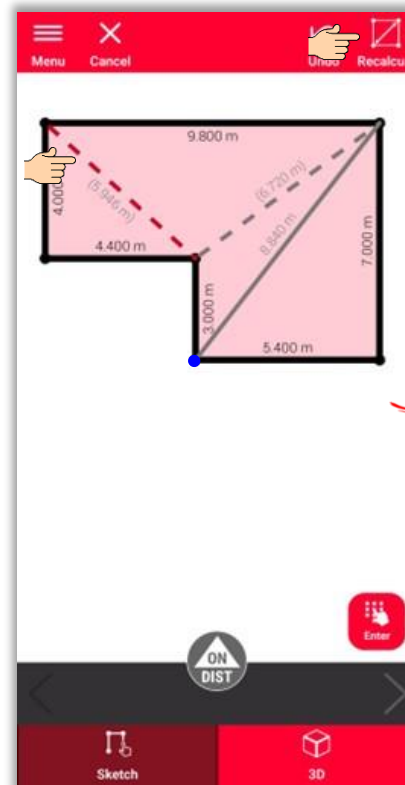
- Sometimes it is not possible to measure all the proposed diagonals.
- There may be obstacles or other impediments that would make it impossible to measure them.
- In this case, you can rearrange the diagonals in your plan to better suit the current situation on site.



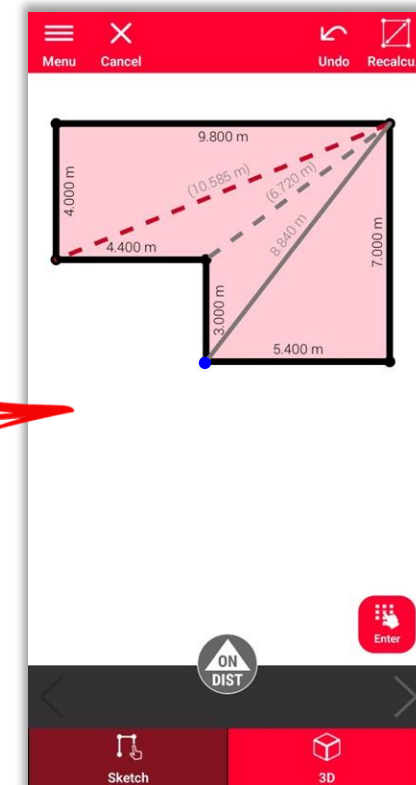
Note: While not necessary, it is advisable to measure all diagonals to ensure maximum accuracy.



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

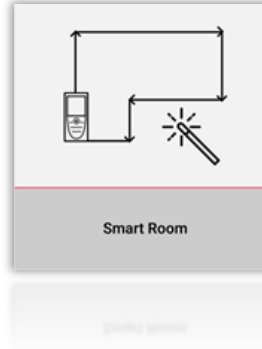


Select a diagonal and then tap “**Recalculate**” in the top right-hand corner.



An alternative Diagonal has been found.

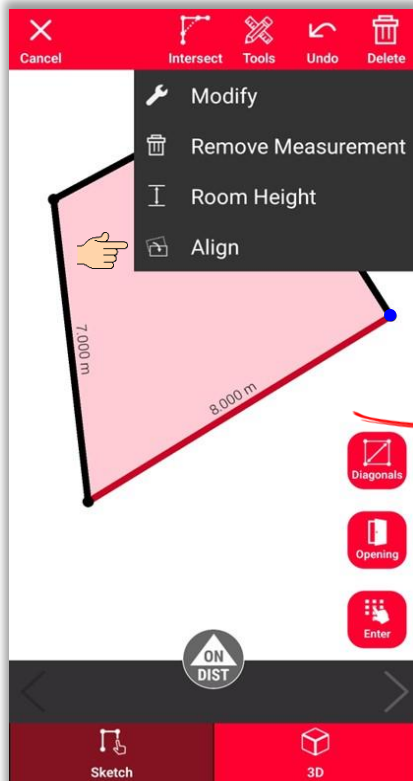
- when it has to be **right**



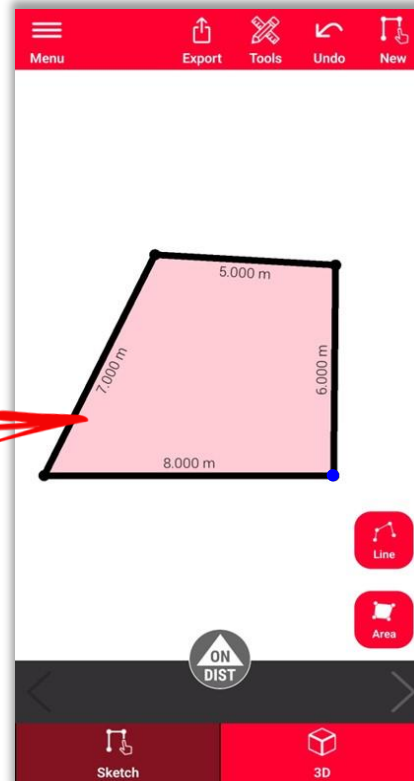


Smart Room Align & Angle

Align

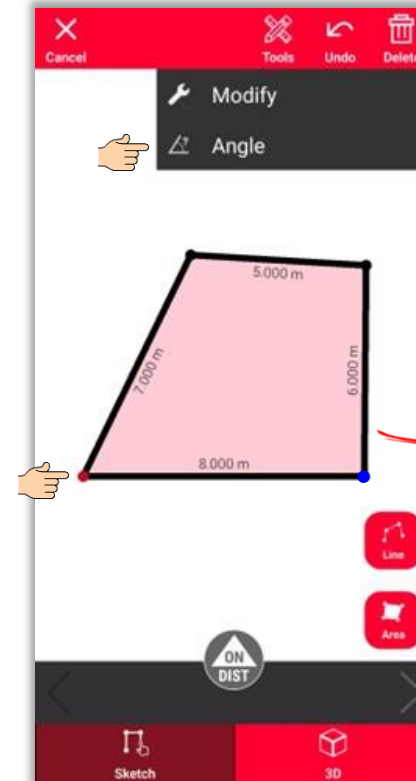


To align a rotated floor plan, select a line, tap the **“Tools”** button, and then select **“Align”**.

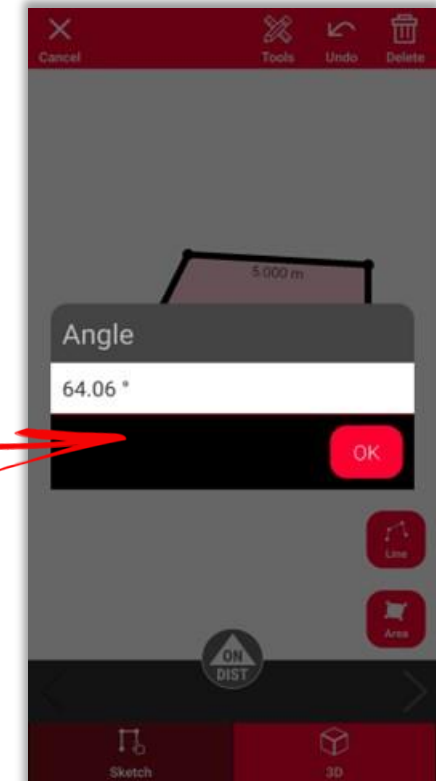


The plan has been aligned based on the selected line.

Angle

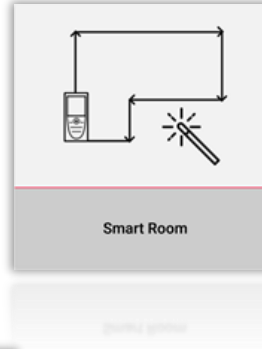


To get an angle between two walls, select a point, tap the **“Tools”** button, and then select **“Angle”**.



Angle is displayed.

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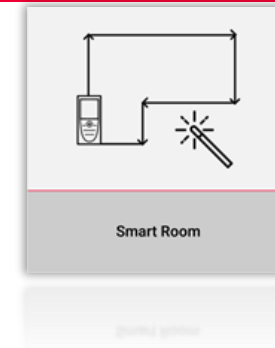
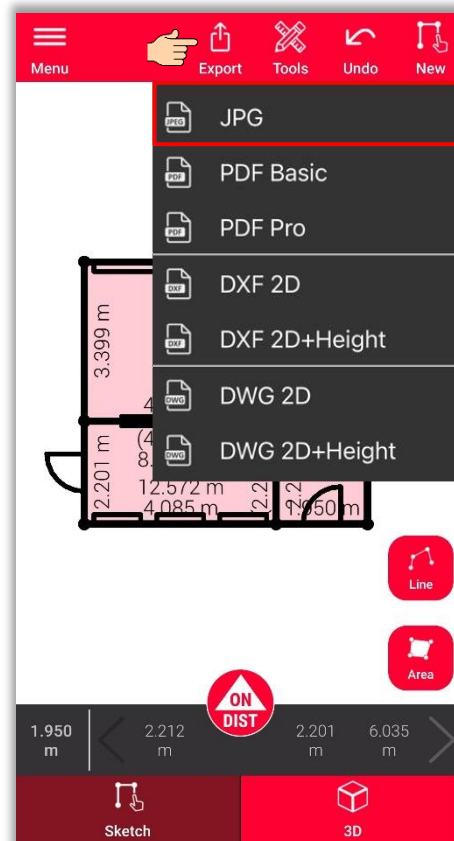


Smart Room

How to Export

Export your plan in multiple formats:

- JPG



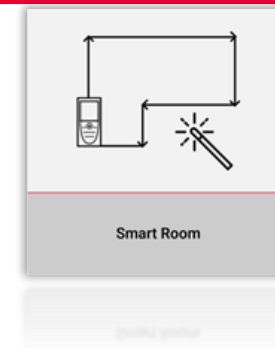
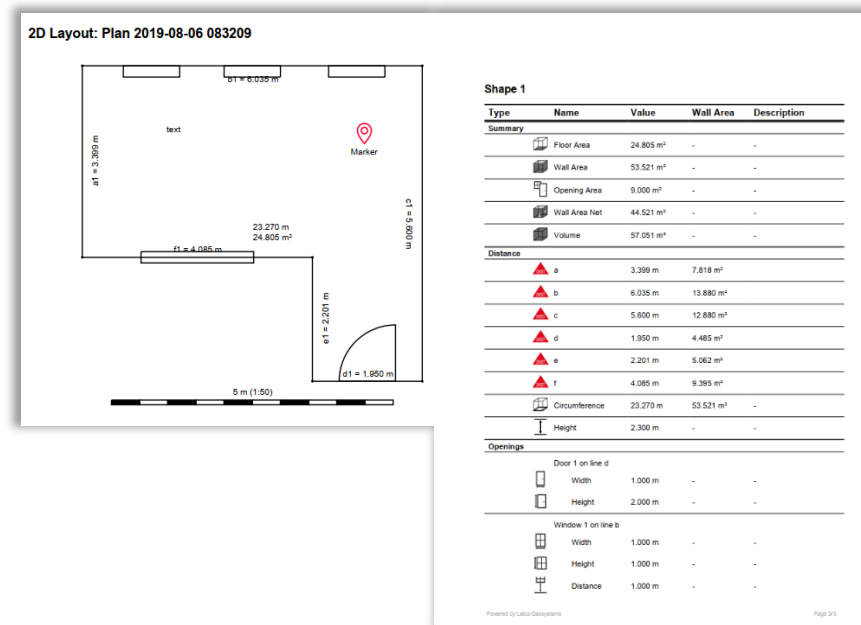
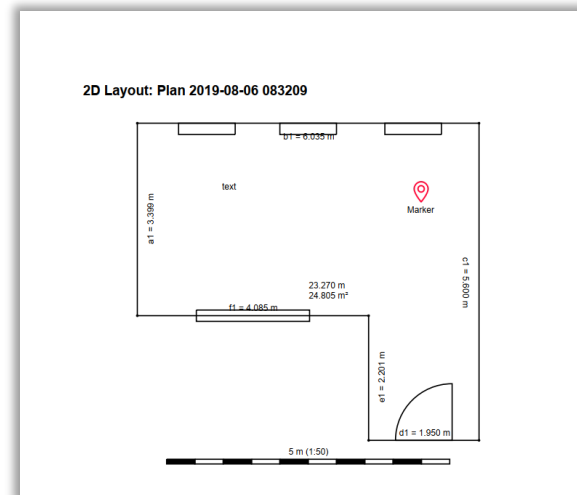
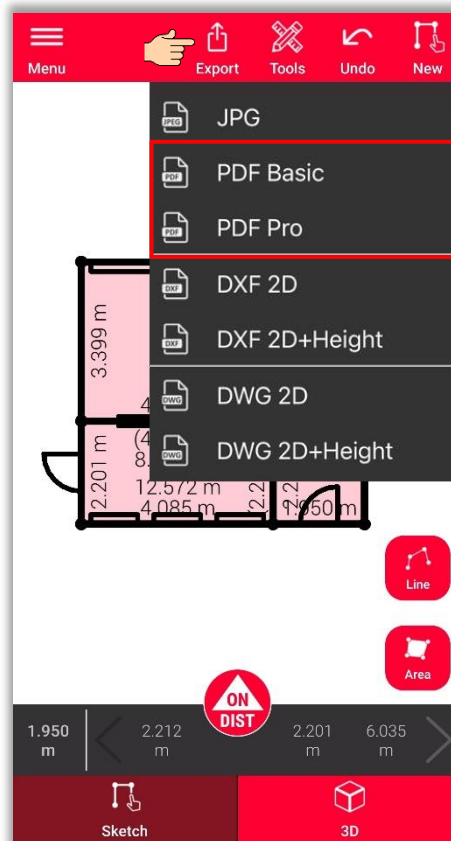
- when it has to be right

Smart Room

How to Export

Export your plan in multiple formats:

- JPG
- PDF Basic
- PDF Pro



- when it has to be right

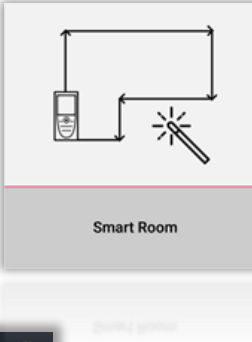
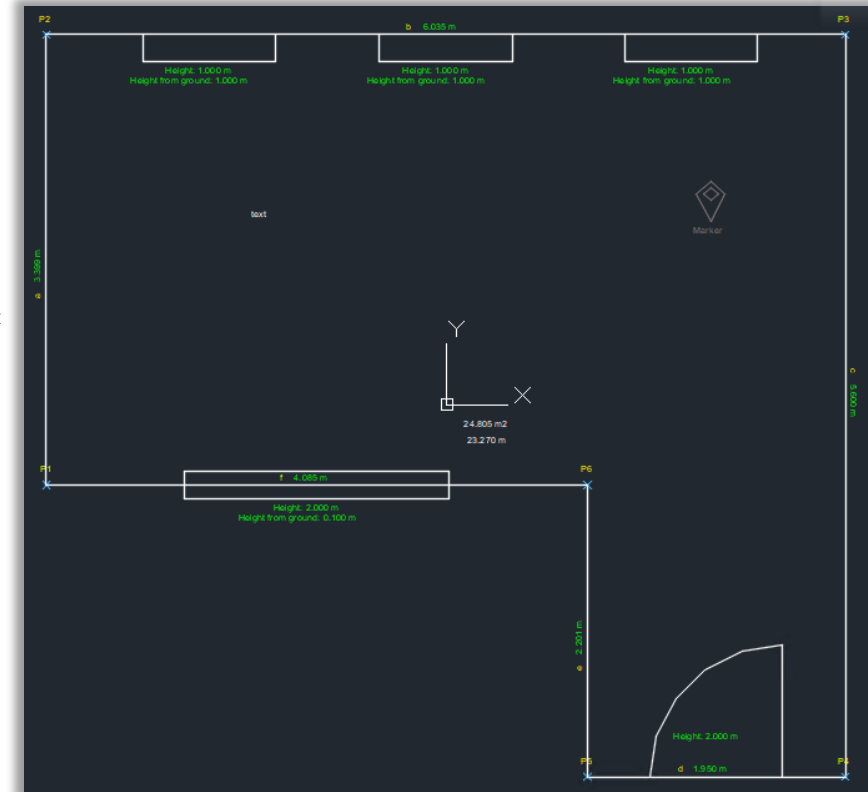
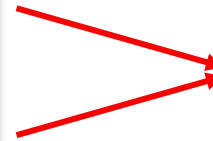
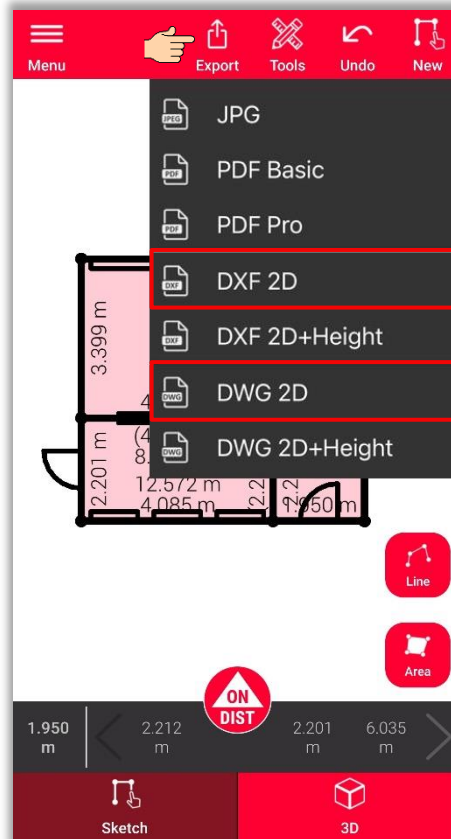
Leica
Geosystems

Smart Room

How to Export

Export your plan in multiple formats:

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



- when it has to be **right**

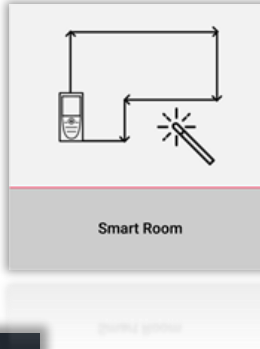
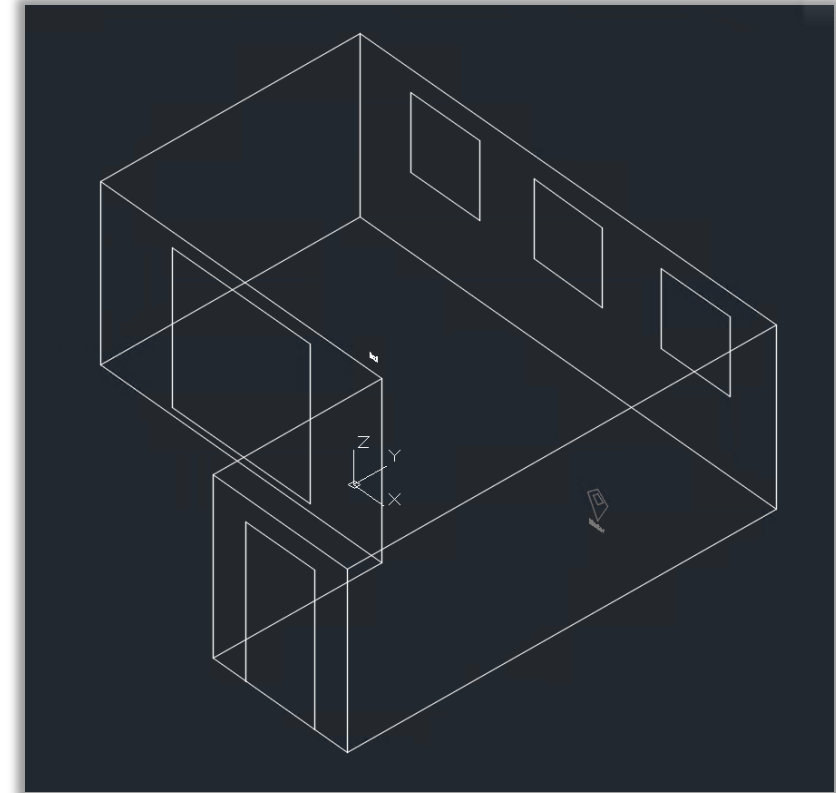
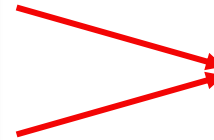
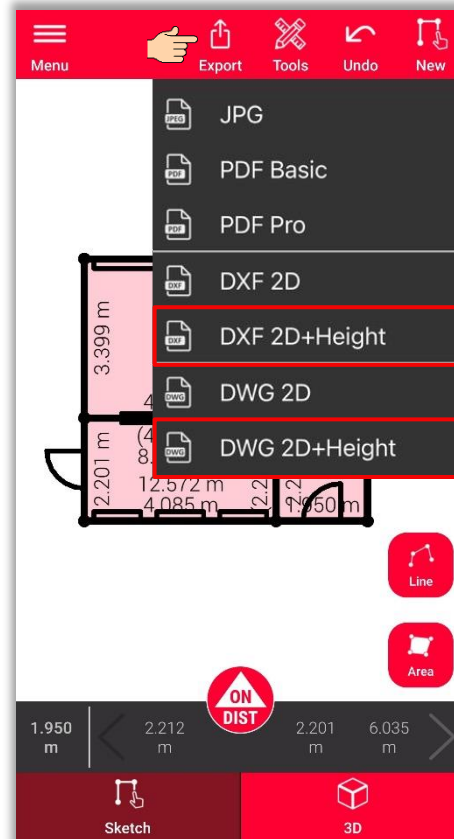
Leica
Geosystems

Smart Room

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

Smart Room

- when it has to be **right**