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# Leica DISTO™ with Bluetooth Smart usage on iOS

V 1.1 April 2014

- when it has to be **right**



# Content

- Leica DISTO™ devices
- Bluetooth compatibility
- Leica DISTO™ Bluetooth Smart
- Leica DISTO™ sketch for iOS
- Keyboard Mode iOS

# The Leica DISTO™ devices with Bluetooth®



Leica DISTO™ D110  
Bluetooth® Smart

→ Requires **Bluetooth® 4.0**



Leica DISTO™ D3a BT (D330i)  
Bluetooth® 2.1

→ Requires **SPP** support



Leica DISTO™ D8  
Bluetooth® 2.1

→ Requires **SPP** support



Leica DISTO™ D510  
Bluetooth® Smart

→ Requires **Bluetooth® 4.0**
























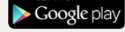







Leica DISTO™ D810 touch  
Bluetooth® Smart

→ Requires **Bluetooth® 4.0**



# Overview DISTO™ compatibility

		Windows 7 	Windows 8.1 	Windows Mobile 6.5	Android 2.3.3 	Android 4.3 	iOS 
<b>Leica DISTO™ D110</b> Bluetooth® 4.0 	-	Leica DISTO™ transfer  <a href="http://www.disto.com">www.disto.com</a>	-	-	Leica DISTO™ transfer BLE Leica DISTO™ sketch 	Leica DISTO™ sketch 	
<b>Leica DISTO™ D3a BT</b> Bluetooth® 2.1 	Leica DISTO™ transfer  <a href="http://www.disto.com">www.disto.com</a>	Leica DISTO™ transfer  <a href="http://www.disto.com">www.disto.com</a>	Leica DISTO™ transfer PPC  <a href="http://www.disto.com">www.disto.com</a>	Leica DISTO™ transfer Leica DISTO™ sketch 	Leica DISTO™ transfer Leica DISTO™ sketch 	-	
<b>Leica DISTO™ D8</b> Bluetooth® 2.1 	Leica DISTO™ transfer  <a href="http://www.disto.com">www.disto.com</a>	Leica DISTO™ transfer  <a href="http://www.disto.com">www.disto.com</a>	Leica DISTO™ transfer PPC  <a href="http://www.disto.com">www.disto.com</a>	Leica DISTO™ transfer Leica DISTO™ sketch 	Leica DISTO™ transfer Leica DISTO™ sketch 	-	
<b>Leica DISTO™ D510</b> Bluetooth® 4.0 	-	Leica DISTO™ transfer  <a href="http://www.disto.com">www.disto.com</a>	-	-	Leica DISTO™ transfer BLE Leica DISTO™ sketch 	Leica DISTO™ sketch 	
<b>Leica DISTO™ D810 touch</b> Bluetooth® 4.0 	-	Leica DISTO™ transfer Keypad mode *)  <a href="http://www.disto.com">www.disto.com</a>	-	-	Leica DISTO™ transfer BLE Leica DISTO™ sketch 	Leica DISTO™ sketch Keypad Mode *) 	

\*) DISTO™ connects as a keyboard and sends data right to cursor position in any application or software

- when it has to be **right**



# Prolog

This presentation should provide further advice on how to use the Leica DISTO™ with Bluetooth® Smart. Also the corresponding Apps for iOS are described in this document.

Bluetooth® Smart is supported by computer, smartphones and tablets with integrated Bluetooth® 4.0. For iOS devices this is the case for

- iPhone 4S, 5, 5S, 5C
- iPod touch with 4" Retina display
- iPad mini
- iPad from Gen. 3 (Retina display)
- iPad Air

# Leica DISTO™ Bluetooth Smart



Getting started

- when it has to be **right**

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**Geosystems**

# General

## Bluetooth® Smart

- Bluetooth® Smart is compatible with Bluetooth® 4.0 or Bluetooth® Smart Ready devices
- Bluetooth® Smart has very low power consumption why it is by default switched on

# Leica DISTO™ D110

## Bluetooth® Smart

- The Bluetooth® can be switched off and on at the Leica DISTO™ D110
- The Leica DISTO™ D110 only supports the connection to iOS or Android 4.3 Apps



Press for 2 sec. to switch  
Bluetooth® on or off



# Leica DISTO™ D510

## Bluetooth® Smart

- The Bluetooth® can be switched off in the Settings of the Leica DISTO™ D510
- The Leica DISTO™ D510 only supports the connection to iOS or Android 4.3 Apps



Press '=' to switch on or off

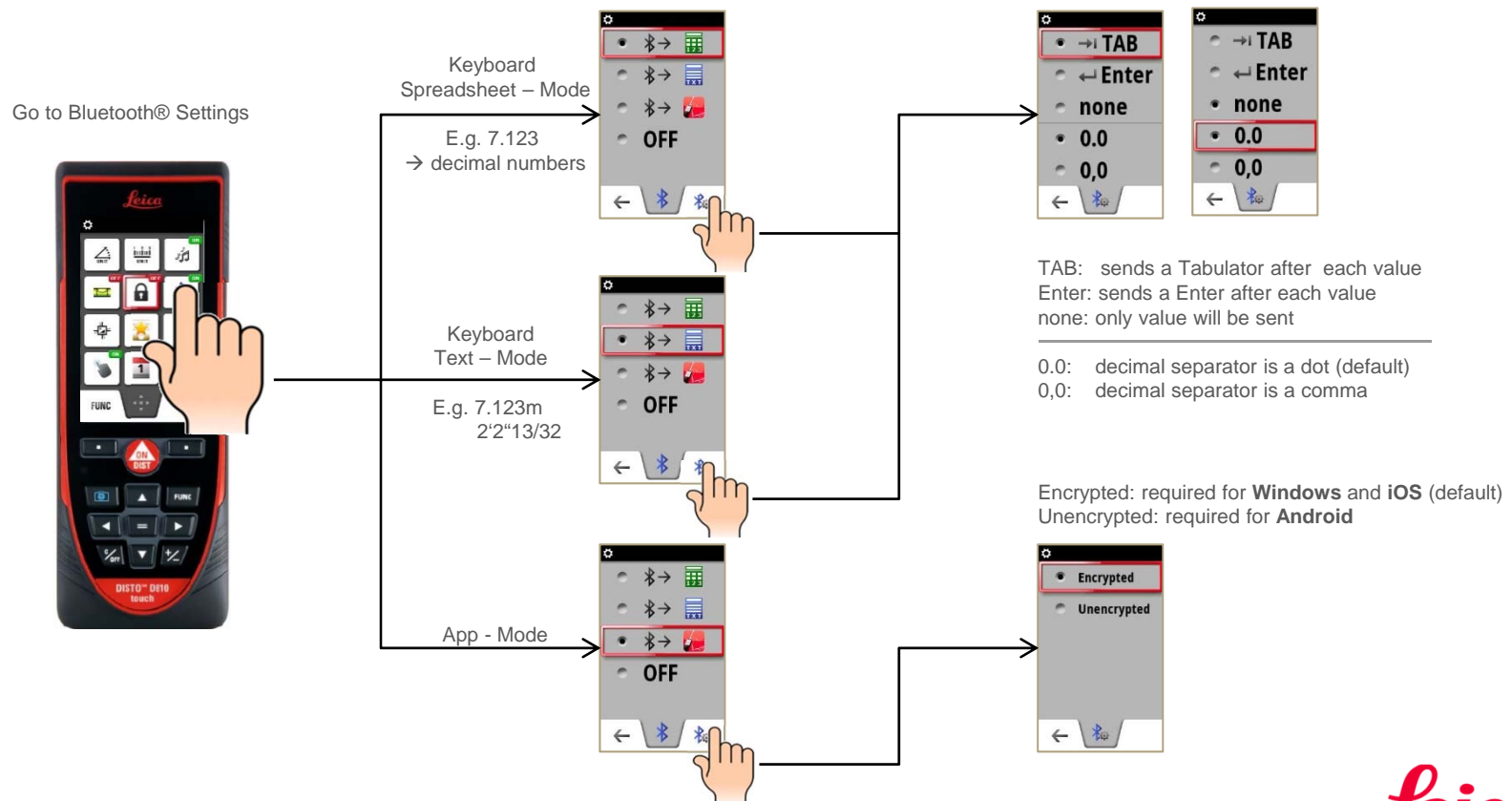
# Leica DISTO™ D810 touch Bluetooth® Smart

- The Bluetooth® can be switched off in the Settings of the Leica DISTO™ D810 touch



# Leica DISTO™ D810 touch Bluetooth® Smart

- The Leica DISTO™ D810 touch provides 3 different modes for use with Bluetooth®



- when it has to be **right**



# Leica DISTO™ sketch

## iOS

### Getting started

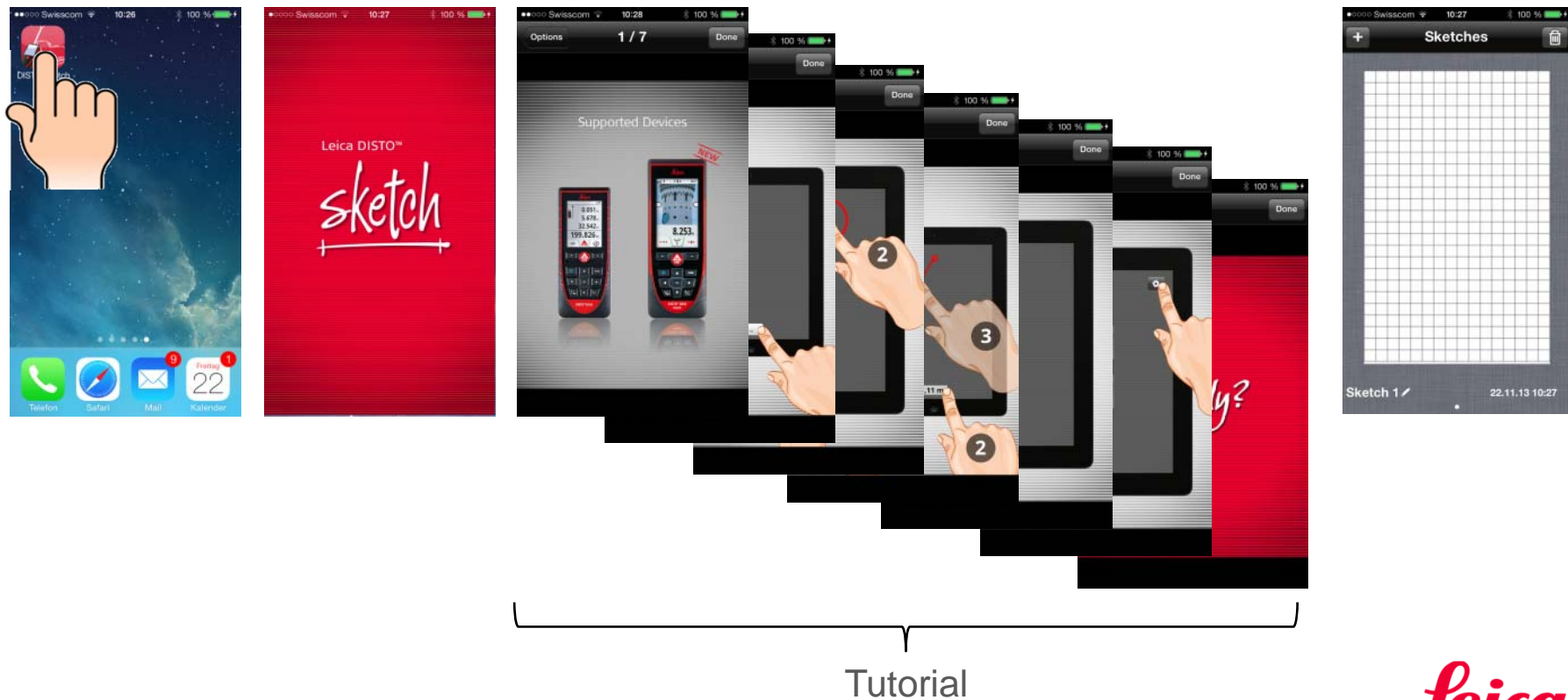
- when it has to be **right**

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**Geosystems**

# Leica DISTO™ sketch for iOS

## Start App

- When using with Leica DISTO™ D810 touch we are recommending to use the App mode for Bluetooth®



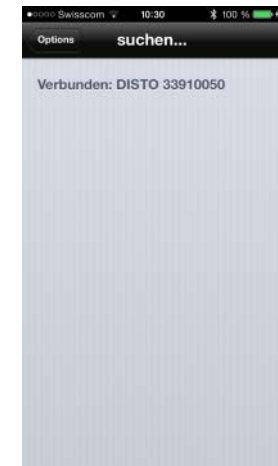
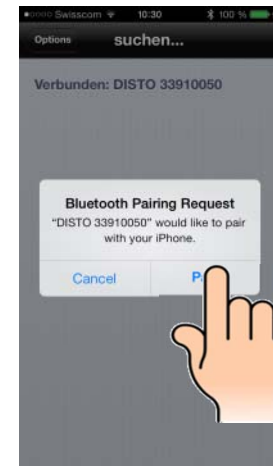
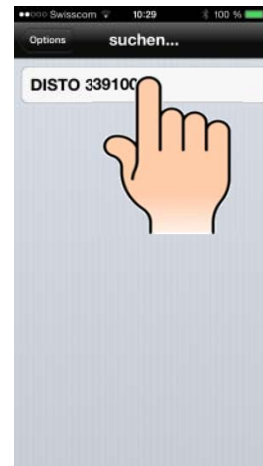
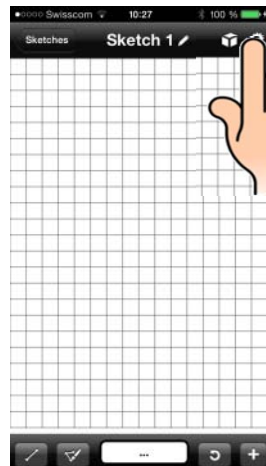
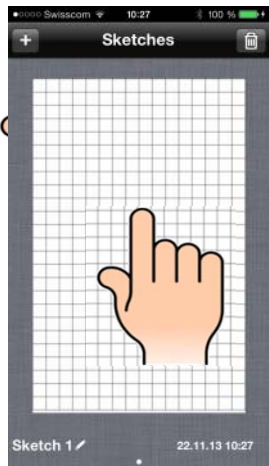
This App only works with Leica DISTO™ D510 and D810 touch

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# Leica DISTO™ sketch for iOS

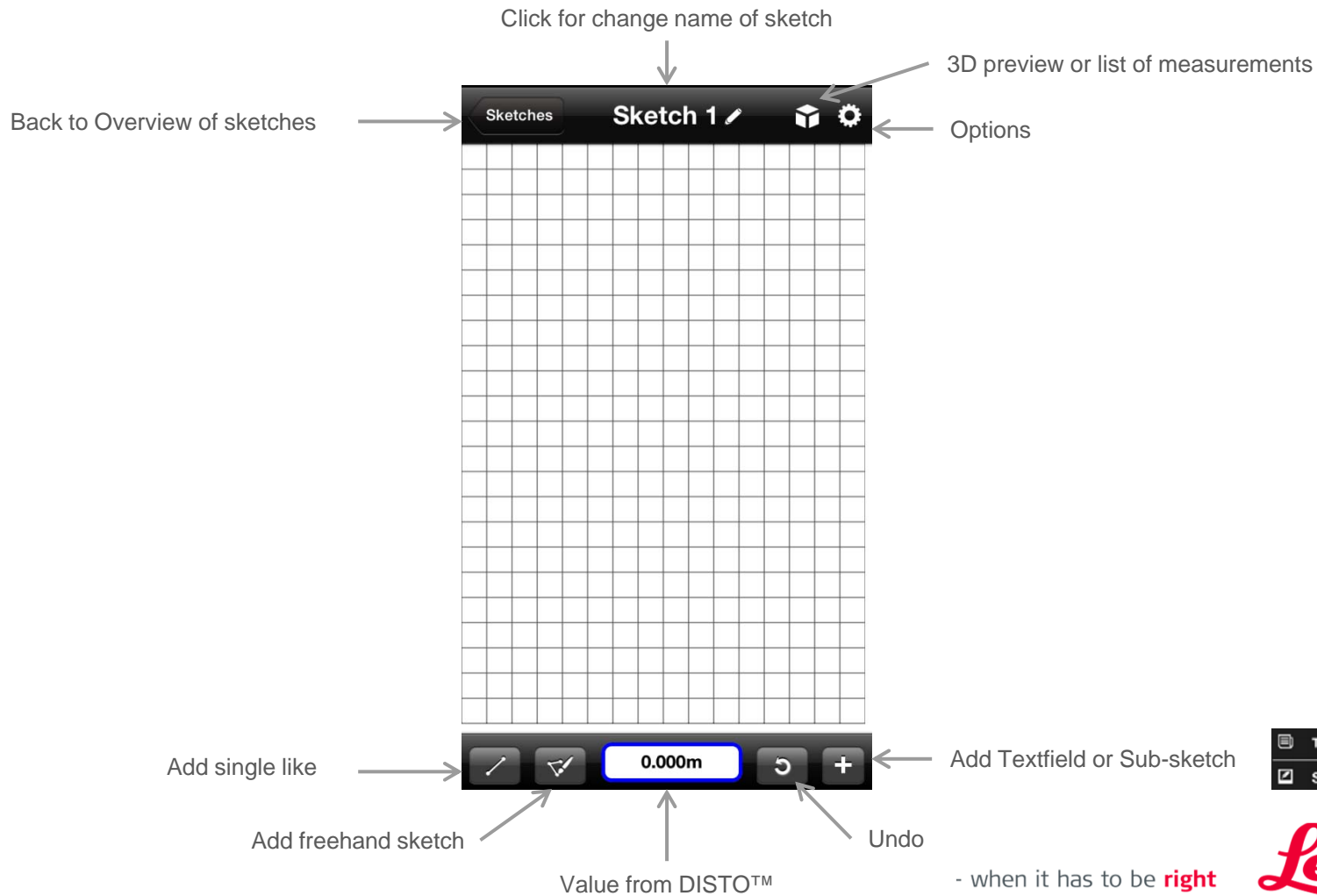
## Start App – Connect Bluetooth®



Message only appears for  
Leica DISTO™ D810 touch

# Leica DISTO™ sketch for iOS

## Sketch layout Overview



# Leica DISTO™ sketch for iOS

## Options Overview

Establish Bluetooth® connection → **Connect to DISTO** Not connec... >

Save drawing or photo and file with list of measurements in photo library → **Mail PDF and CSV** >

→ **Save Sketch to Library** >

Set type of endings for dimension lines in photos → **Auto-Scaling** [On] >

→ **Default Endings in Ph...** [Left] [Right]

→ **Colorize areas** [On] >

Start Tutorial → **Tutorial** >

→ **Videos** >

Visit Leica DISTO™ webpage → **Website** >

→ **Leica DISTO Warranty Registration** >

Software version of App → **Version** 2.0

Send pdf file with drawing or photo and csv file with list of measurements via email

Scales drawing according measurements

Enable coloring of closed areas

See Video on YouTube

Go to DISTO™ registration for 3rd year warranty

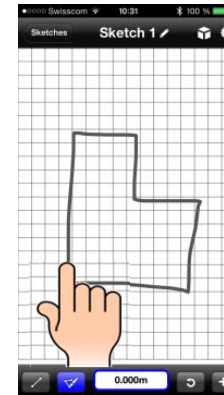
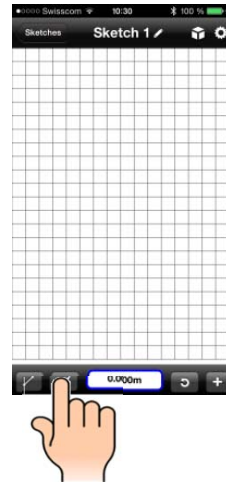
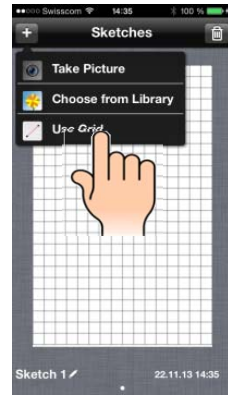
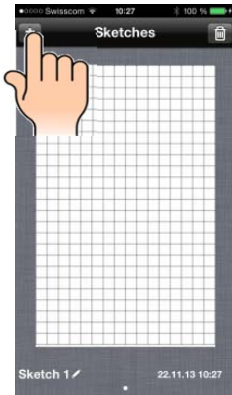
- when it has to be **right**





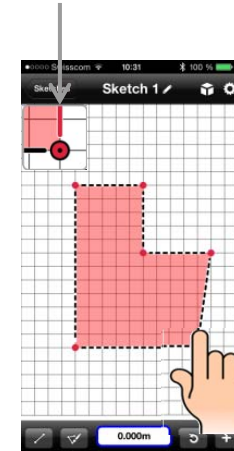
# Leica DISTO™ sketch for iOS

## Create new sketch

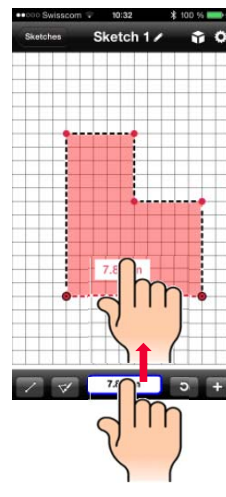
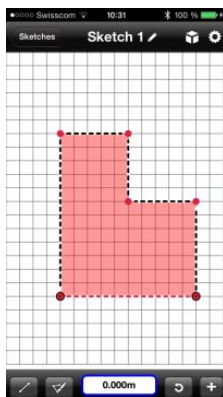


Draw freehand sketch

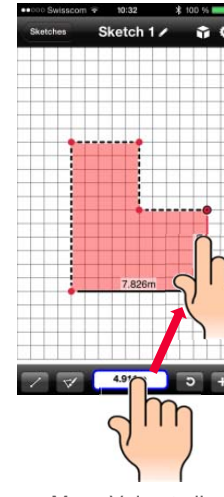
Magnification of point



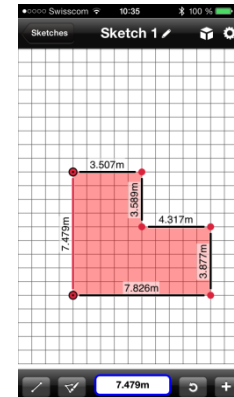
Hold finger on corner and move to rectangular shape



Move Value to line



Move Value to line



\*)

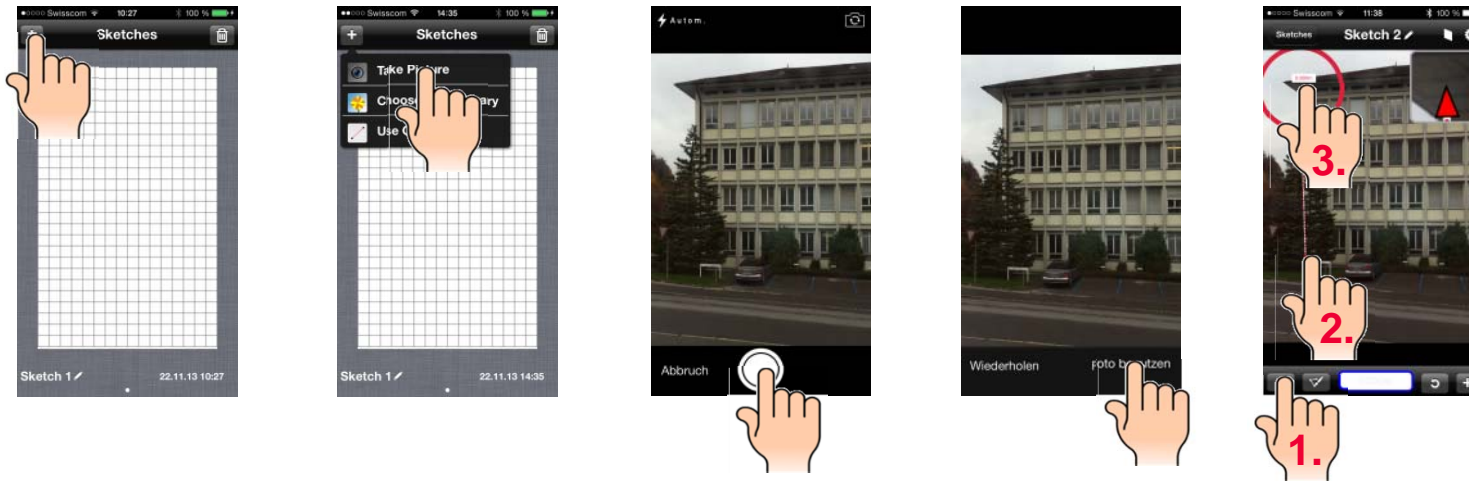
Please Note

\*) Auto-scale only works on rectangular sketches and it will not change any room angle on the sketch from 90°



# Leica DISTO™ sketch for iOS

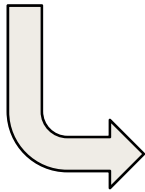
## Create new sketch with photo



# Leica DISTO™ sketch for iOS

## Download and use of pdf-documents

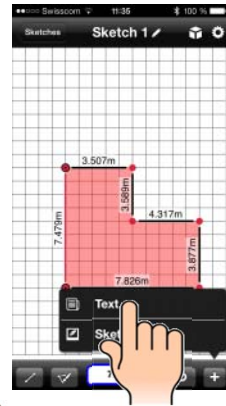
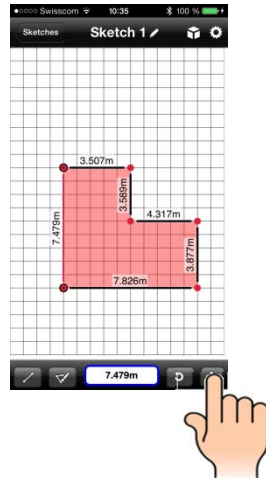
Send Email with pdf document and open it on iPhone or iPad



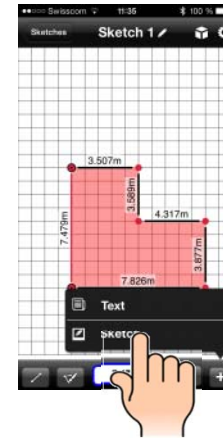
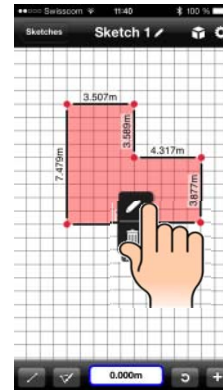
# Leica DISTO™ sketch for iOS

## Adding Sub-sketches and Text to sketches

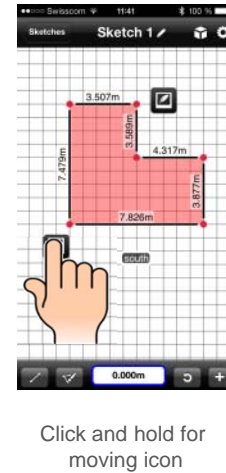
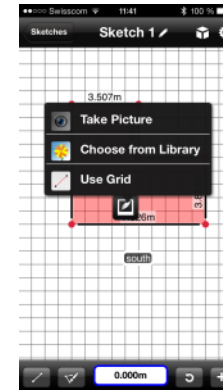
From 2D Floorplan



Click on pen to enter Text

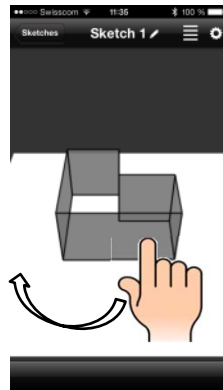


Choose picture, grid or library

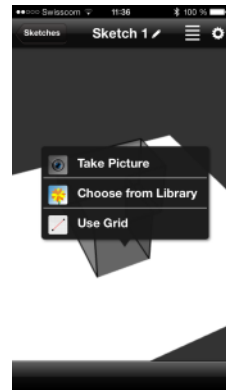


Click and hold for moving icon

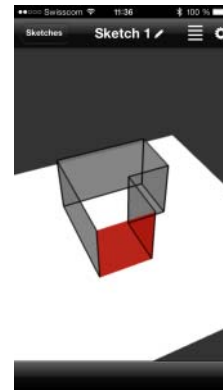
From 3D Preview



Wipe for rotating



Choose picture, grid or library



Red wall indicates sub-sketch

- when it has to be **right**

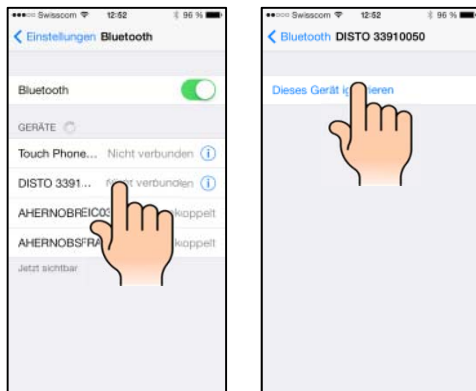


To edit a Text field or sub-sketch in 2D Floorplan click on the Icon or text and then click on the pen symbol

# Leica DISTO™ sketch for iOS

## Good to know

- If you want to unpair device to prevent automatic detection either switch off Bluetooth® at DISTO™ or press „Forget device“ in the settings of the iOS device



**When a Leica DISTO™ D810 touch is already paired with one iOS device it cannot be paired with a second device at the same time, it needs to be unpaired first!**

# Leica DISTO™ sketch for iOS

## Good to know

- Auto-scale only works on rectangular sketches and it will not change any room angle on the sketch from being 90°
- The Leica DISTO™ device only sends the currently measured value. To send a result from the main line of the DISTO™ press the „=„ key on the D810 touch or D510. For the D110 press the Bluetooth® key to send a result from the main line.



Press short to send the measurement value from the main line of the display (e.g. area)

- You can also send any measurement value to the Text input field

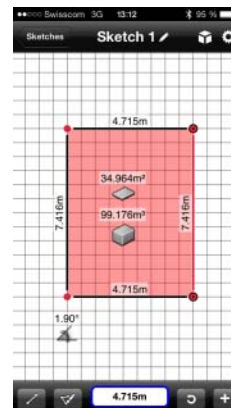
# Leica DISTO™ sketch for iOS

## Good to know

- If you like to transfer distance measurement values including the inclination you need to switch on the Level option in the Setting of your Leica DISTO™ device.



- You can also transfer an area, volume or a slope by sending the „=„ key of your Leica DISTO™ device



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# Keyboard Mode

## iOS

### Getting started

- when it has to be **right**

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# Keyboard Mode with iOS

## How to start

- This mode is only supported by the **Leica DISTO™ D810 touch**
- You can use either the iOS Bluetooth® manager to pair the devices or the Leica DISTO™ sketch App. Once the iOS device and the Leica DISTO™ are paired they will immediately connect if both are switched on.
- The Leica DISTO™ will be considered as a keyboard. So by sending a measurement the iOS device believes you are writing the value on a keyboard.
- You need to either set the DISTO™ D810 touch to following modes (see also page 10 of this presentation)
  - Spreadsheet mode:  
Use for sending decimal values without unit for further calculation
  - Text mode:  
Use for sending values on the device display incl. unit for documentation

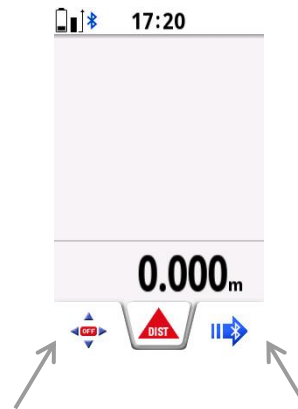


- when it has to be **right**

# Keyboard Mode with iOS

## How to send data and navigate in a Program

- After the devices are connected the favorite keys will change for sending measurement values or navigation



If switched on the Arrow keys on the DISTO™ can be used for navigation on e.g. Excel

Sends the actual value in the main-line of the DISTO™ to the current cursor position of any App



**After you have transferred one value from the DISTO™ to the iOS device its keyboard will not pop up any more even you click on the Touchscreen. In this case just press the left favorite key (navigation on) and then the +/- key on the DISTO™.**

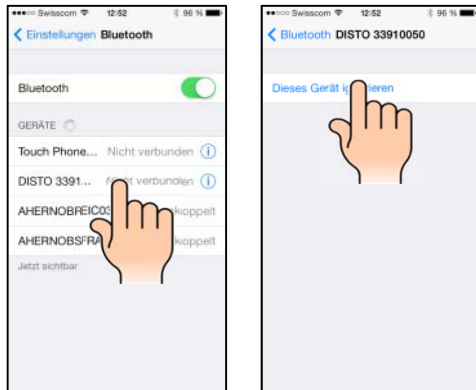
- when it has to be right

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# Keyboard Mode with iOS

## Good to know

- If you want to unpair device to prevent automatic detection either switch off Bluetooth® at DISTO™ or press „Forget device“ in the settings of the iOS device



Please  
Note

**When a Leica DISTO™ D810 touch is already paired with one iOS or Windows 8 device it cannot be paired with a second device at the same time, it needs to be unpaired first!**