Leica DISTO™ with Bluetooth Smart usage on

iOS

V 1.1   April 2014

- when it has to be **right**

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Content

- **Leica DISTO™ devices**

- **Bluetooth compatibility**

- **Leica DISTO™ Bluetooth Smart**

- **Leica DISTO™ sketch for iOS**

- **Keyboard Mode iOS**

- when it has to be **right**

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
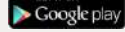
→ Requires **Bluetooth® 4.0**

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Overview DISTO™ compatibility

		Windows 7	Windows 8.1	Windows Mobile 6.5	Android 2.3.3	Android 4.3	iOS
Leica DISTO™ D110 **Bluetooth® 4.0**		-	Leica DISTO™ transfer www.disto.com	-	-	Leica DISTO™ transfer BLE Leica DISTO™ sketch Google play	Leica DISTO™ sketch Available on the App Store
Leica DISTO™ D3a BT **Bluetooth® 2.1**		Leica DISTO™ transfer www.disto.com	Leica DISTO™ transfer www.disto.com	Leica DISTO™ transfer PPC www.disto.com	Leica DISTO™ transfer Leica DISTO™ sketch Google play	Leica DISTO™ transfer Leica DISTO™ sketch Google play	-
Leica DISTO™ D8 **Bluetooth® 2.1**		Leica DISTO™ transfer www.disto.com	Leica DISTO™ transfer www.disto.com	Leica DISTO™ transfer PPC www.disto.com	Leica DISTO™ transfer Leica DISTO™ sketch Google play	Leica DISTO™ transfer Leica DISTO™ sketch Google play	-
Leica DISTO™ D510 **Bluetooth® 4.0**		-	Leica DISTO™ transfer www.disto.com	-	-	Leica DISTO™ transfer BLE Leica DISTO™ sketch Google play	Leica DISTO™ sketch Available on the App Store
Leica DISTO™ D810 touch **Bluetooth® 4.0**		-	Leica DISTO™ transfer Keypad mode *) www.disto.com	-	-	Leica DISTO™ transfer BLE Leica DISTO™ sketch Google play	Leica DISTO™ sketch Keypad Mode *) Available on the App Store

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

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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

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Leica DISTO™ Bluetooth Smart

Getting started

- when it has to be **right**

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**

- when it has to be **right**

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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

- when it has to be **right**

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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**

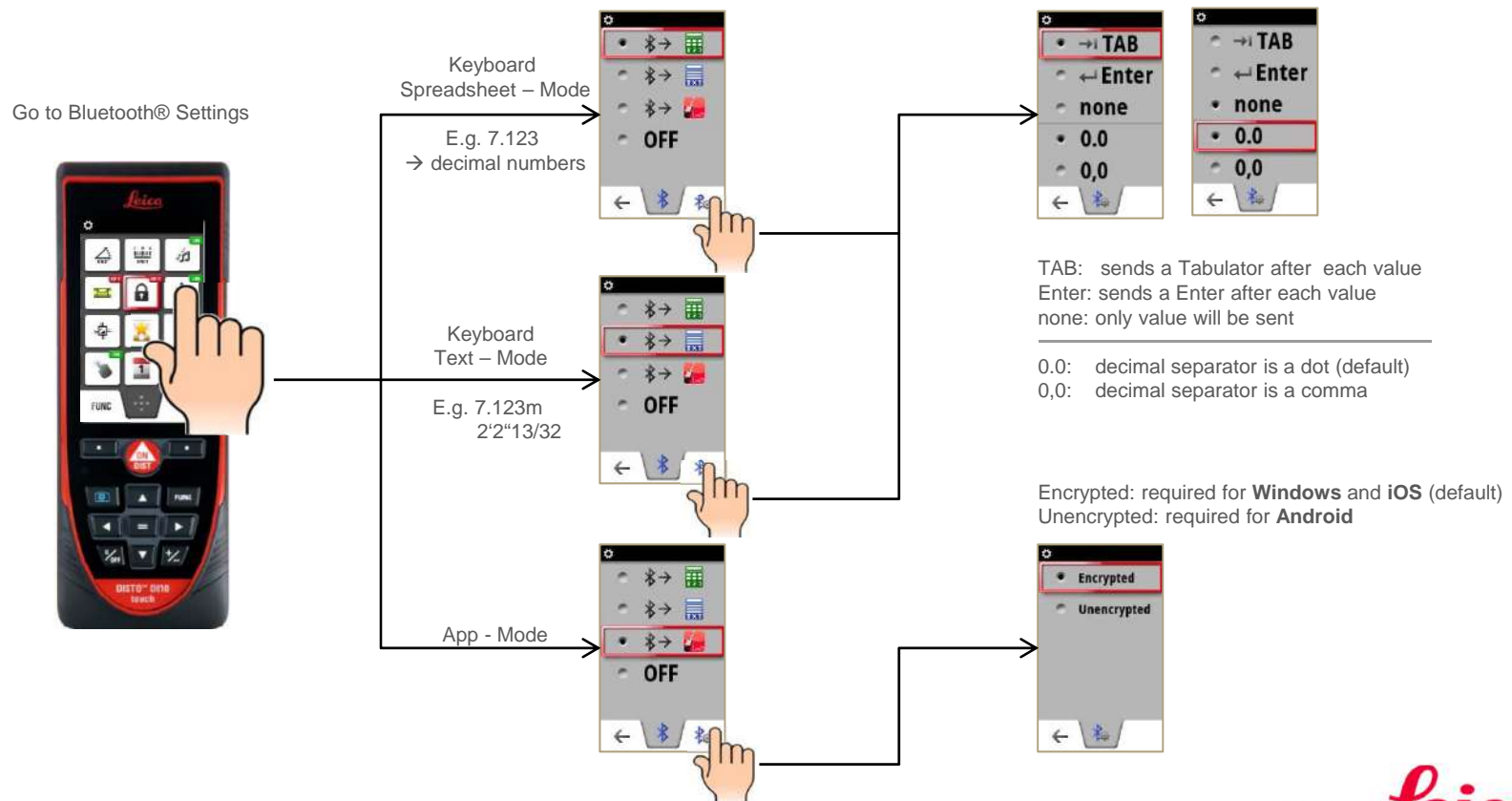Press '=' to switch on or off

- when it has to be **right**

Leica DISTO™ D810 touch
Bluetooth® Smart

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

- when it has to be **right**

Leica DISTO™ D810 touch
Bluetooth® Smart

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

Go to Bluetooth® Settings

Keyboard
Spreadsheet – Mode

E.g. 7.123
→ decimal numbers

Keyboard
Text – Mode

E.g. 7.123m
2'2"13/32

App - Mode

TAB: sends a Tabulator after each value
Enter: sends a Enter after each value
none: only value will be sent

0.0:   decimal separator is a dot (default)
0,0:   decimal separator is a comma

Encrypted: required for **Windows** and **iOS** (default)
Unencrypted: required for **Android**

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Leica DISTO™ sketch

iOS

Getting started

- when it has to be **right**

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Leica DISTO™ sketch for iOS
Start App

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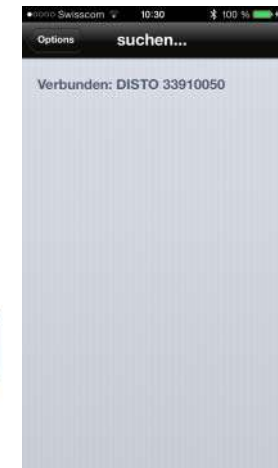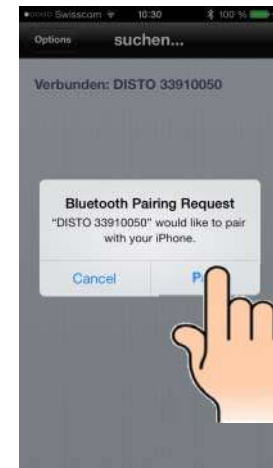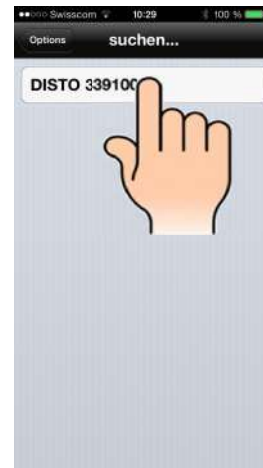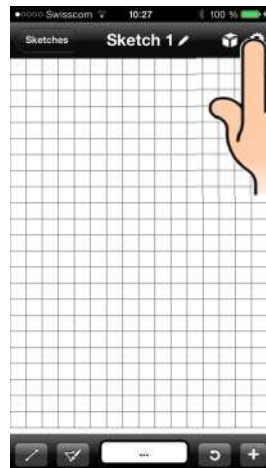

Tutorial

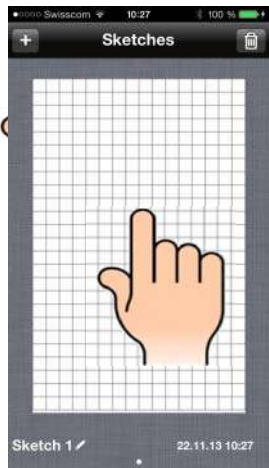- when it has to be **right**

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

Leica DISTO™ sketch for iOS
Start App – Connect Bluetooth®

Message only appears for
Leica DISTO™ D810 touch

- when it has to be right

Leica DISTO™ sketch for iOS
Sketch layout Overview

Click for change name of sketch

3D preview or list of measurements

Back to Overview of sketches

Options

Add single like

Add Textfield or Sub-sketch

Add freehand sketch

Undo

Value from DISTO™

Text

Sketch

- when it has to be right

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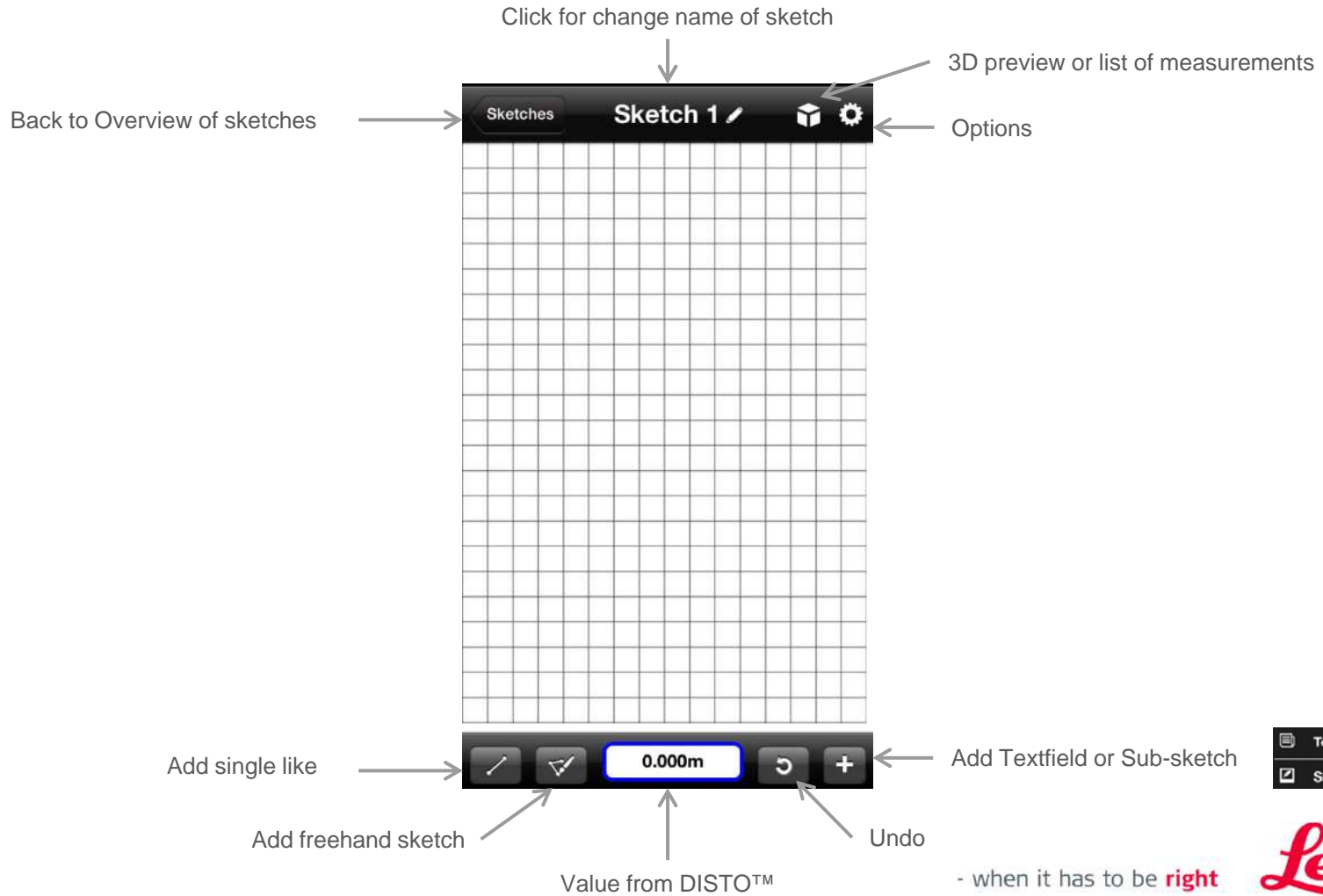
Leica DISTO™ sketch for iOS
Options Overview

Establish Bluetooth® connection

Save drawing or photo and file with list of measurements in photo library

Set type of endings for dimension lines in photos

Start Tutorial

Visit Leica DISTO™ webpage

Software version of App

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

Scales drawing according measurements
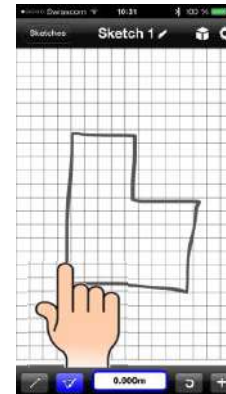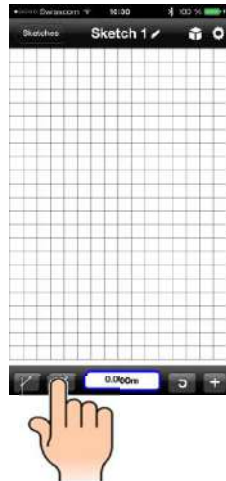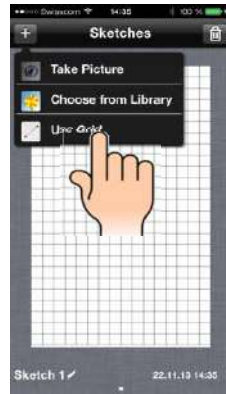
Enable coloring of closed areas

See Video on YouTube

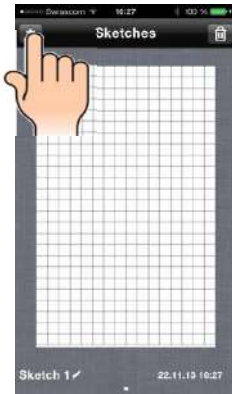Go to DISTO™ registration for 3rd year warranty
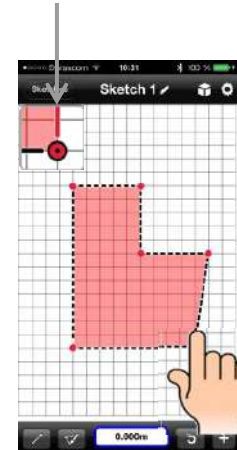
- when it has to be **right**

Leica Geosystems

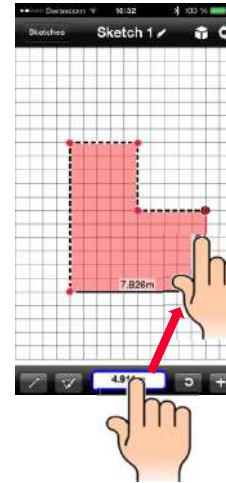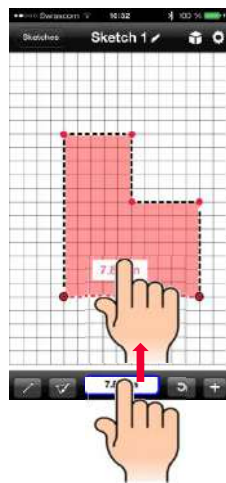# Leica DISTO™ sketch for iOS
Create new sketch

Magnification of point

Draw freehand sketch

Hold finger on corner and move to rectangular shape
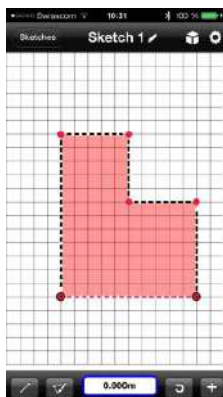
Move Value to line

Move Value to line

*)

*) Auto-scale only works on rectangular sketches and it will not change any room angle on the sketch from 90°
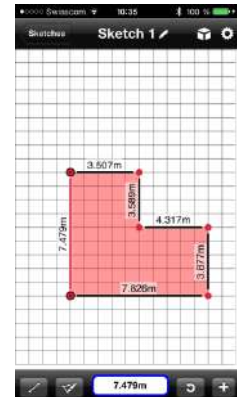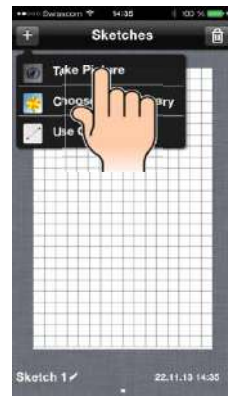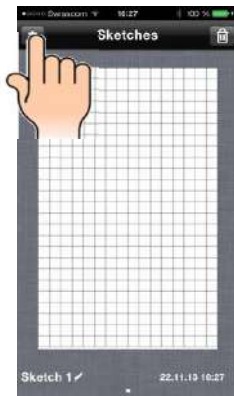
Leica DISTO™ sketch for iOS
Create new sketch with photo

Leica DISTO™ sketch for iOS
Download and use of pdf-documents

Send Email with
pdf document and open it
on iPhone or iPad
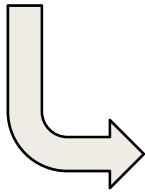
Leica DISTO™ sketch for iOS
Adding Sub-sketches and Text to sketches

From 2D Floorplan
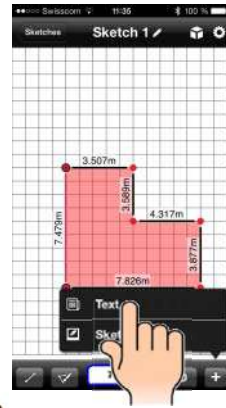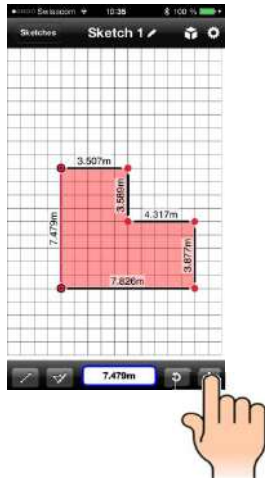
Click on pen to enter Text
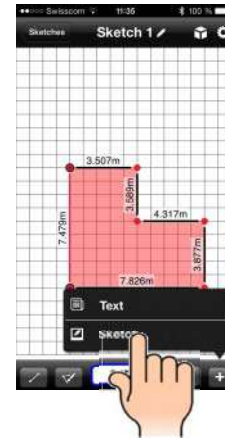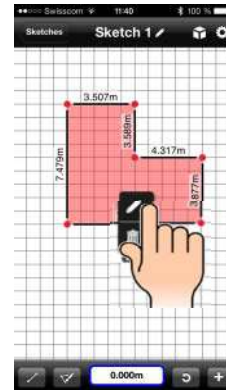
Choose picture, grid or library
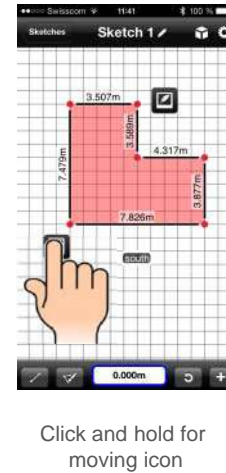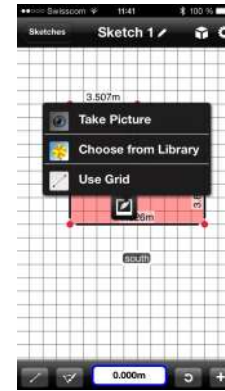
Click and hold for moving icon

From 3D Preview
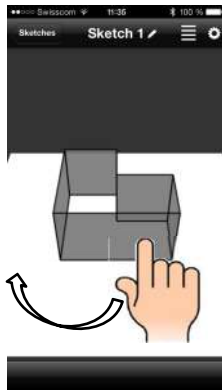
Wipe for rotating
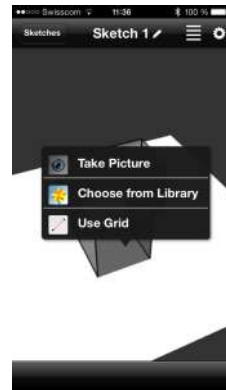
Choose picture, grid or library
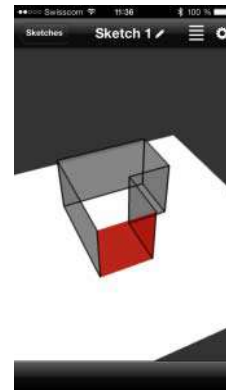
Red wall indicates sub-sketch

- when it has to be **right**

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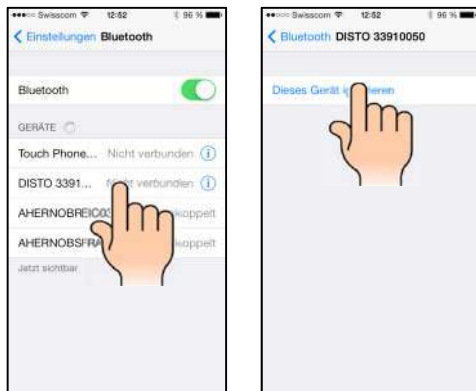
When a Leica DISTO™ D810 touch is already paired with one iOS device it cannot be paired with a second device at the same time, it needs to be unpaired first!

- when it has to be right

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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**

- when it has to be **right**

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**

- when it has to be **right**

Keyboard Mode

iOS
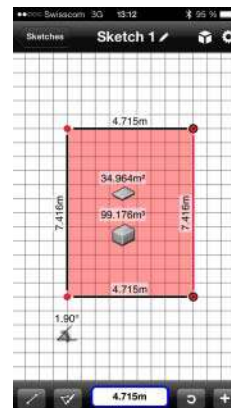
Getting started

- 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 immediatelly 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 an on the device display
      incl. unit for documentation

- when it has to be **right**

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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 transfered 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™.
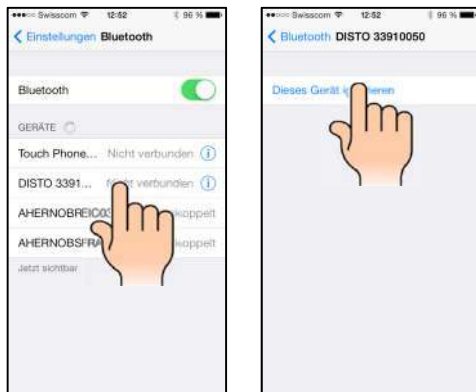
- when it has to be right

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**

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!

- when it has to be **right**

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