

Leica DISTO™ with Bluetooth Smart usage on Android 4.3 or higher



V 1.0

December 2013

- when it has to be **right**

Leica
Geosystems

Content

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- Bluetooth compatibility
- Leica DISTO™ Bluetooth Smart
- Leica DISTO™ sketch for Android

The Leica DISTO™ devices with Bluetooth®



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

| | Availability | Windows 7  | Windows 8  | Windows Mobile 6.5 | Android  | iOS  |
|--------------------------------|---|---|---|---|---|---|
| Leica DISTO™ sketch *) |  | - | - | - | - |  |
| Leica DISTO™ sketch *) |  | - | - | - |  | - |
| Leica DISTO™ transfer **) |  | - | - | - |  | - |
| Leica DISTO™ transfer PPC ***) | www.disto.com  | - | - |  | - | - |
| Leica DISTO™ transfer PC ***) | www.disto.com  |  |  | - | - | - |
| Keyboard Mode ***) | No installation required | - |  | - | - |  |

*) Draw sketches and export these as pdf file or the measurements via csv file

***) Integrated Excel application to send values to a spread sheet. Also measurements are transferred into the clipboard to be pasted at any position in an application

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

*****) In development, planned for January 2014

Prolog

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

Leica DISTO™ Bluetooth Smart



Getting started

- when it has to be **right** *Leica*
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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™ 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

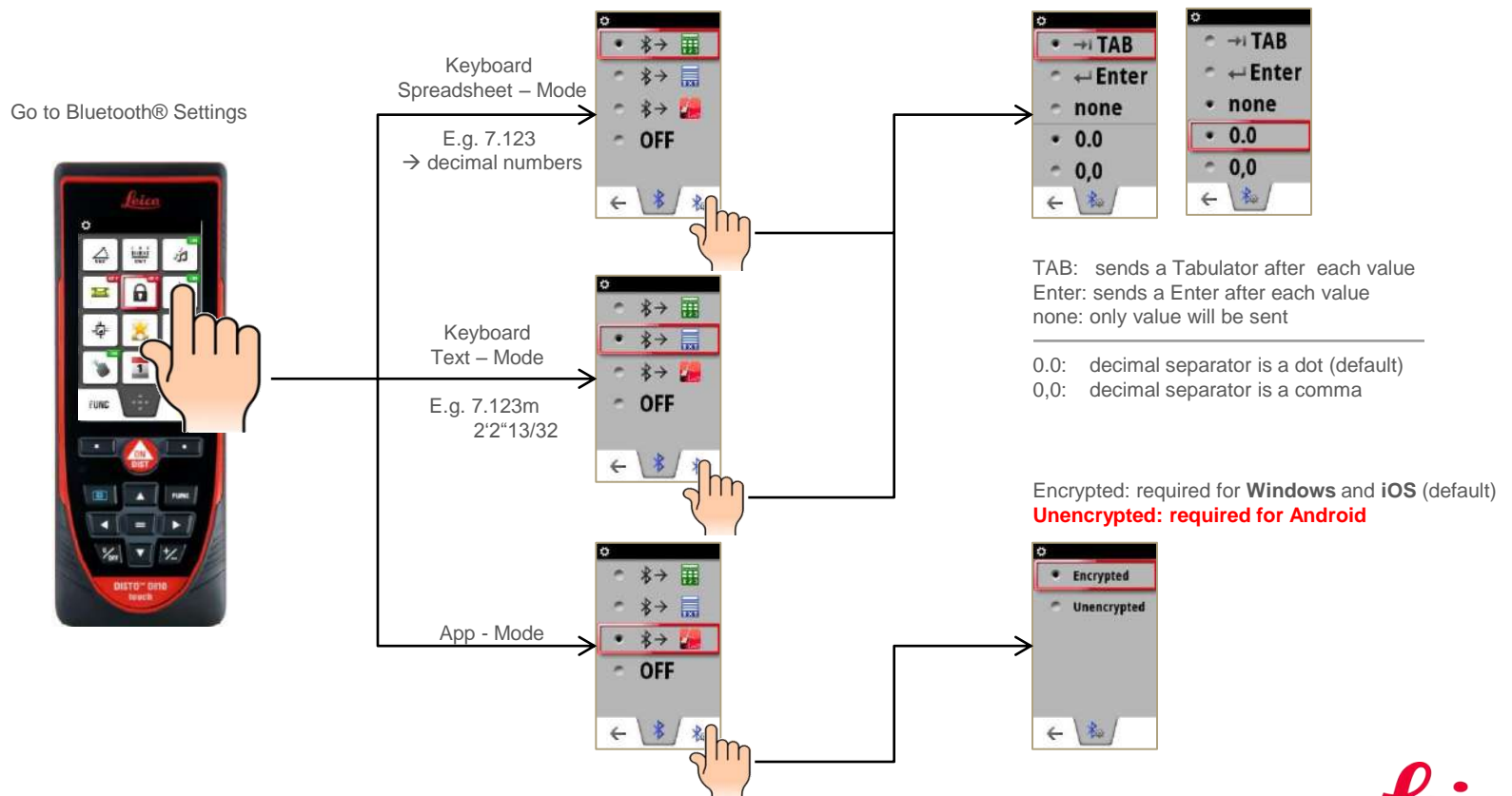
Leica DISTO™ D810 touch Bluetooth® Smart

- 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®



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Leica DISTO™ sketch

Android 4.3 or higher



Getting started

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Leica DISTO™ sketch for Android 4.3 or higher

Start App

- When using with Leica DISTO™ D810 touch we are recommending to use the App mode for Bluetooth®
- When using with Leica DISTO™ D810 touch it is required to set the Leica DISTO™ device Bluetooth® to unencrypted mode first. Otherwise the device will connect but it will not transfer measurement values!
This is not required for the Leica DISTO™ D510.




Leica DISTO™ sketch for Android 4.3 or higher

Start App



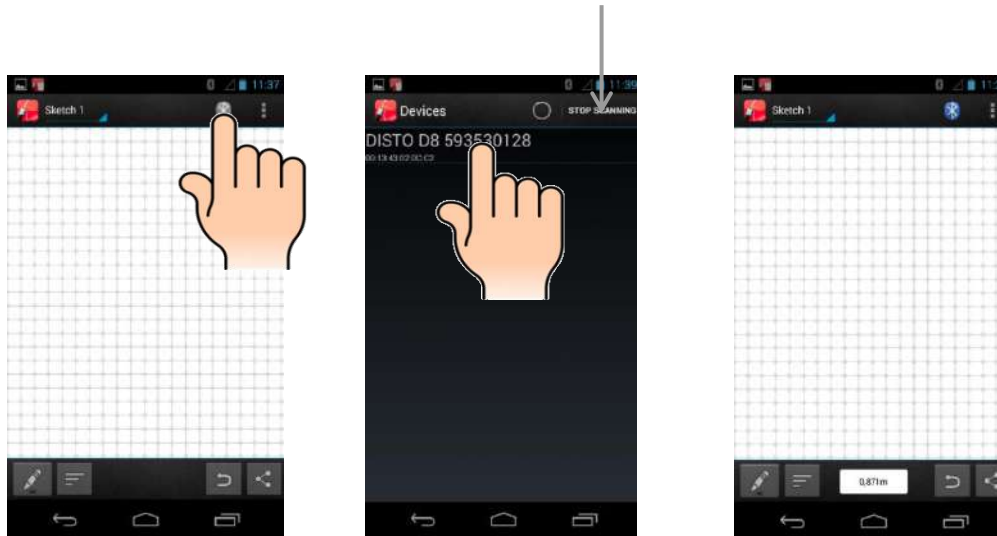
Tutorial

- when it has to be **right** 

Leica DISTO™ sketch for Android 4.3 or higher

Start App – Connect Bluetooth®

Press if you want to start Scan for devices again



Leica DISTO™ sketch for Android 4.3 or higher

Sketch layout Overview

Add new sketch or photograph → Sketch 1

Connect/disconnect Bluetooth® →

Start Menu for Tutorial, Reset App →

Tutorial

Reset App

Acknowledgement

Draw new line →

Show list of results (table) →

Value from DISTO™ → 0,871m

Undo →

Export file to library, csv for table and pdf for sketch →

CSV

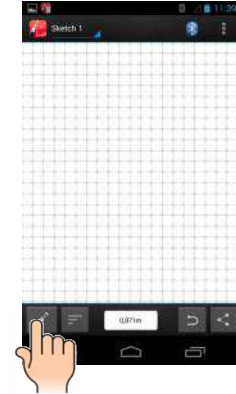
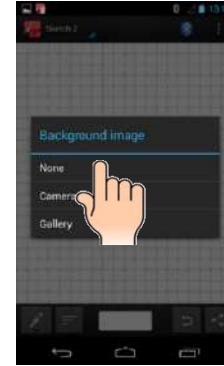
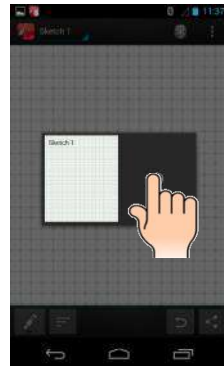
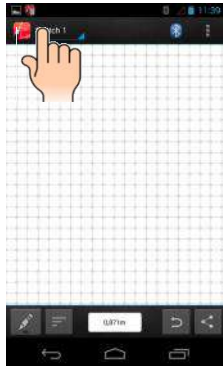
PDF

| Area | Length | Area | Description |
|--------|----------|------|-------------|
| Area 1 | 0,950m | | |
| Area 2 | 2,898m | | |
| Area 3 | 3,968m | | |
| Area 4 | 0,220m | | |
| Area 5 | 2,365m | | |
| Area 6 | 0,809m | | |
| Area 7 | 42,077m | | |
| Area 8 | 106,689m | | |

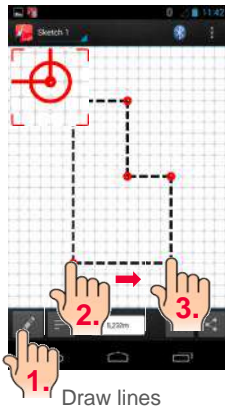
- when it has to be **right**

Leica DISTO™ sketch for Android 4.3 or higher

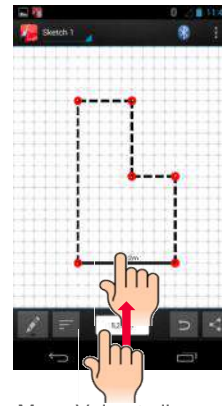
Create new sketch



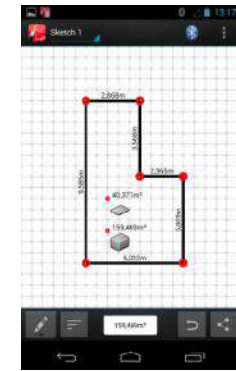
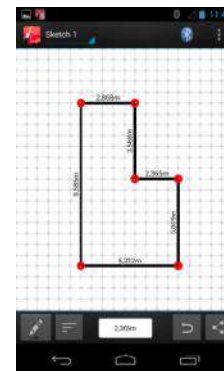
Enter new name if required



Draw lines



Move Value to line



Transfer area, volume or a slope

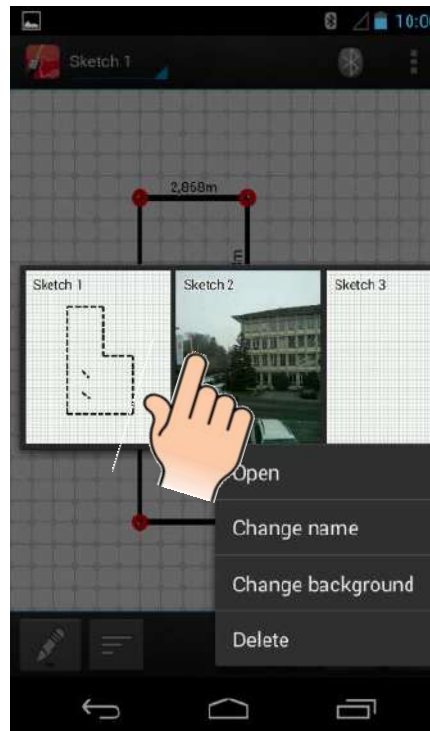
Please Note

Auto-scale not available for this App version

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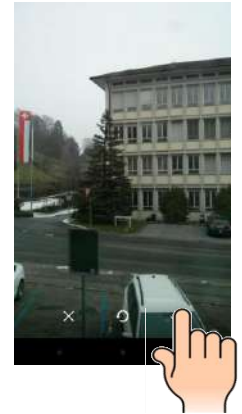
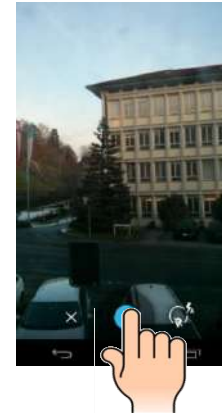
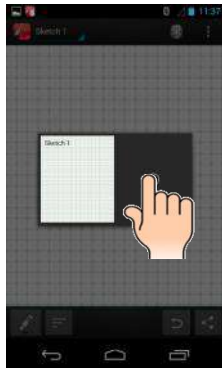
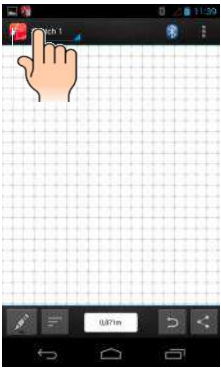
Leica DISTO™ sketch for Android 4.3 or higher

Changing sketch name or deleting sketch



Leica DISTO™ sketch for Android 4.3 or higher

Create new sketch with photo



Leica DISTO™ sketch for Android 4.3 or higher

Good to know

- The Leica DISTO™ D510 or D810 touch only sends the currently measured value. To send a result from the main line of the DISTO™ press the „=,“ key
- To send a value using a D3a BT or D8 with Bluetooth® 2.1 you need to press the Bluetooth® key
- 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.



Leica DISTO™ D3a BT (D330i)



Leica DISTO™ D8



Leica DISTO™ D510 or D810 touch