**BOOKMETER User Manual**

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OMNI-BOX system is used by BESKID PLUS company to produce individual archive boxes. Thanks to this digital cutting and bending machine we can make perfectly cut boxes that are ideal to protect archive material such as incunabulum, antique books, books, maps, plans, engravings, documents, or museum objects. To complement our offer we lend the measuring device – bookmeter – for free. The bookmeter allows to take precise (the accuracy to 1 millimetre) measurement of objects to be stored in the long-term storage boxes. The measurement is easy and correct thanks to the cordless data transfer to the computer using the Bluetooth technology. The measurement results are saved in the spreadsheet and sent via an e-mail to BESKID PLUS. The bookmeter is an easy-to-use appliance as you only use two buttons of the installed rangefinder and you input the inventory number of the measured object in the included programme on the computer. The rest happens automatically.

The bookmeter's module responsible for taking measurements and for communicating with a computer is the highest quality laser rangefinder produced by the Swiss company Leica.

Before using the book measuring device (bookmeter) you need to install Leica DISTO D8 software on the computer and the computer has to be connected with the rangefinder through the Bluetooth radio.

Installation

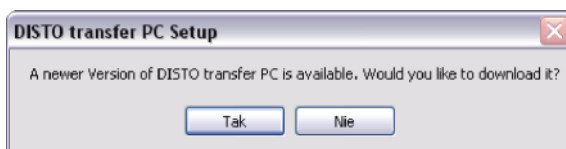
Software requirements:

- operating system (Windows ME, 2000, XP or Vista)
- Microsoft Excel or Open Office Calc
- fully operating Bluetooth (i.e. the Bluetooth radio is activated and the hardware is recognized by the operating system automatically and fault free – in case of problems utilize operating system's help or the advices of the manufacturer of the hardware or contact Beskid Plus)

Installing Leica DISTO D8 software on the computer:

- 1 ■ place the pen drive in the USB port
- open the Leica DISTO D8 software catalogue
- start INSTAL.exe

IMPORTANT! In case of the computer with the Internet access after starting this programme there may appear the information on the screen about the newer version of the software available – click NO.

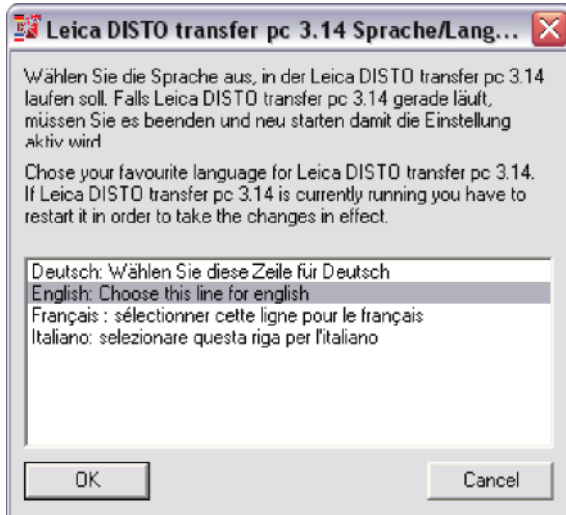


- in the first dialogue box you will see two options – choose Leica Disto Transfer PC 3.14 – Windows ME/2000/ XP/ Vista



- follow the indications on the screen by clicking subsequently:
NEXT – I AGREE – INSTALL – FINISH

- in the language selection box choose the desired language



After Leica DISTO D8 software has been installed, the blue DISTO transfer PC icon appears on the computer's desktop.



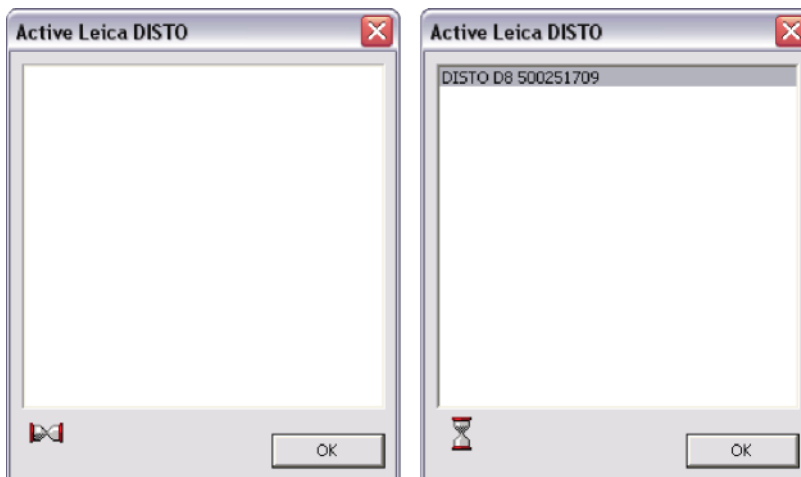
Connecting the bookmeter with the computer:

- 2 ■ turn on the rangefinder (ON DIST button) and press the Bluetooth button
 - go to the control panel in your computer and switch on Bluetooth – accept the connection between the computer and the rangefinder (in case the connection is not established go to: control panel – Bluetooth devices – add Bluetooth device; when the computer finds Disto D8, click its icon and follow the instructions)



IMPORTANT! If you have to enter a Pin-code please enter the code 0000 into your PC.

- switch on the DISTO transfer PC by clicking the icon on the desktop of the computer
- in case of the Windows XP operating system you may see an empty Active Leica DISTO box on the screen – click OK when you see DISTO D8 displayed in the box



Your computer and the rangefinder are connected when:

- the Bluetooth symbol on the rangefinder display turns blue
- in the left bottom corner of the Leica Disto transfer box on your computer you can see BT DISTO D8 displayed

IMPORTANT!

If after 240 seconds there is no connection between the rangefinder and the computer, the rangefinder switches Bluetooth off automatically – to try again press the Bluetooth button on the rangefinder display.

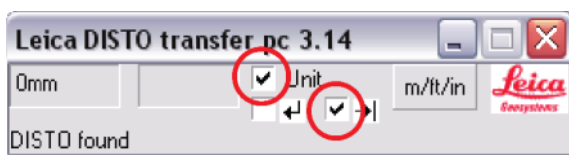
The Bluetooth radio scope, i.e. maximum distance between the computer and the rangefinder is 20 meters.

Measurements

There is an illustrated instruction placed on the bookmeter.

After establishing the connection between the computer and the rangefinder:

- 3 ■ open file *OMNI-BOX measurements* from the pen drive
 - in the small Leica Disto transfer box unmark and mark again measurement fields (i.e. a little box next to the Unit word and a little box next to the right Tab key symbol)



- clear rangefinder's display value by pressing ON DIST button (if there is a random unknown measurement value displayed)
- input inventory number into the first column of the file *OMNI-BOX measurements* and press Tab key on the computer

4 NOW YOU CAN START TAKING MEASUREMENTS.**Height measurement:**

- lay a book in the measuring section of the bookmeter so that the book's spine touches the left wall of the bookmeter and the slider touches the book's upper edge
- using your free hand press ON DIST button on the rangefinder and wait until you see measurement value displayed
- press Bluetooth button on the rangefinder and wait until the sent measurement value appears in the "Height" column on your computer
- when the next cell of the table in the "Width" column becomes active, press ON DIST button on the rangefinder to clear displayed value

**Width measurement:**

- rotate the book 90 degrees so that the slider touches the book's spine
- using your free hand press ON DIST button on the rangefinder and wait until you see measurement value displayed
- press Bluetooth button on the rangefinder and wait until the sent measurement value appears in the "Width" column on your computer
- when the next cell of the table in the "Thickness" column becomes active, press ON DIST button on the rangefinder to clear displayed value

**Thickness measurement:**

- place the book vertically to the measuring section of the bookmeter so that the book's spine touches the left wall of the bookmeter and the slider aligns the book with the bottom wall of the bookmeter
- using your free hand press ON DIST button on the rangefinder and wait until you see measurement value displayed
- press Bluetooth button on the rangefinder and wait until the sent measurement value appears in the "Thickness" column on your computer

Selecting box construction

In the next column you can see the list of various box constructions which you can unwind. You can decide about the construction of the box at this point. For example, the construction of the box may depend on the vertical or horizontal way of storing, or on the need for watertightness. Detailed description and use of various constructions can be found in the Beskid Plus catalogue. You can also wait with such decisions until you consult Beskid Plus while making an order.

Starting new measurements:

- press Enter key – "inventory number" cell should become active
- input new inventory number
- follow the instructions given above

Finishing measurements

To finish measurements save the file.

OMNI-BOX *measurements* file is a template file and it remains unchanged. Each time you save a file with the measurements results, you create a new file. It is this new file you send to our address archiw@beskdiplus.com.pl.

Storage and maintenance

- When in doubt about the measurement's precision, use the ruler on the left side of the bookmeter. The difference between the value displayed by the rangefinder and the value indicated by the ruler should not be greater than 1–1.5mm. The rangefinder is calibrated to round up the values.
- When you finish using the bookmeter put it in the box and close it tightly.
- The bookmeter should be stored in a dry place.
- The temperature should be between 5 – 40°C.
- If the bookmeter gets dirty, use a damp piece of delicate cloth.

Batteries exchange

Batteries exchange requires dismantling of the rangefinder. Unscrew the white knob underside of the bookmeter. Take the rangefinder out and open the back flap. Exchange the batteries (2 batteries AA LR06). Put the rangefinder back in the bookmeter. High quality batteries should suffice for taking measurements of about 100 objects.

Please contact Beskid Plus in case of any problems.

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