Leica Builder Series
How to Guide, Add-On

Version 1.0
English

- when it has to be right
To use the product in a permitted manner, please refer to the detailed safety instructions in the User Manual.

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In Measure & Descriptor is now the possibility to store up to 10 descriptions.

To store a description, just type in the word or number and press **OK**.

Every point you measure now will have the description **TREE**.
To change the description just type it in or press **left** or **right** with the navigation key to select from the list with the last used descriptions. If there are 10 descriptions in the memory and you add a new one, the least used will be replaced.

To select a description out of the memory just type the first letters or numbers and press **OK**. If there are more then one matches to the entered characters, you can press the **right** or **left** navigation key to toggle.
If you like to put in a new but shorter description similar to an existing one, type it in, press **right** with the navigation key and press **OK**.
2  Layout Line with Points from Memory

1  First select the two points to define the line and press **OK**.

   ![Diagram 1](image1.png)

   ![Diagram 2](image2.png)

   ![Diagram 3](image3.png)

The Start point is signed as a black triangle.

You can select a point from memory or choose a Line or Offset, or both to get the layout data.
Choosing a point from memory calculates the proper Line and Offset values for this point referred to the defined reference line. The right window shows the angle and distance from the Builder to the layout point.

After measuring a point the right display shows the Line and Offset values of the pole referred to the line between the Builder and layout point. You can always go to the screen before by pressing ESC.

After typing in a value for Line or Offset additionally, the point number is vanishing but untouched values stay the same.
Define the line by two points, either from memory or measure or type in new points.

The map shows the defined line with the startpoint and direction (black triangle) and the standpoint of the instrument. Now you can choose either Line or Offset. If you want to stake out a parallel line, type in a value for Offset – if you like to stake out a perpendicular line, enter a value for Line. If there was already the other value entered, this will get erased as soon as the new value is accepted with OK.
2 After typing in the value from the start point, a line appears to show the distance. After measuring a point the offset of this point to the parallel or perpendicular line is shown and an arrow indicates the direction to find the line (view from the line startpoint). The measured point can be stored.

3 By typing in an offset a parallel line to the baseline appears. The arrow and the distance shows where to and how much the pole has to move to reach the line.
4 Arc with 3 Points

1 Layout a point:

First choose the three points of the circle: measure or select them from memory. Builder calculates the circle and shows the three points, radius, direction of circle and its own position.

You can insert the length of the arc from the start point.

On the right side the values to layout the point are shown.

An offset can be used to layout points defined by the circle, but not laying it.
Check a point:

Pressing the check button you get the possibility to get the information where the measured point lays referred to the circle.

Just measure a point by pressing M&MS.

The measured point is 5.008 m along the arc from the startpoint, 1.004 m right and 0.693 m higher.
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Leica Geosystems AG, Heerbrugg, Switzerland, has been certified as being equipped with a quality system which meets the International Standards of Quality Management and Quality Systems (ISO standard 9001) and Environmental Management Systems (ISO standard 14001).

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