

How to display and set the X / Y slope (grade) values

Answer to: “The X and Y axes do not appear on the display – how do I activate them with the remote control?”

Short answer: After power-on, the hedue S3 self-levels automatically on both axes. In this normal automatic mode, no slope value is shown – this is expected, not a fault.

The X and Y fields only appear once the instrument is switched into **digital slope (grade) mode**. This is done with the **hedue 1151 remote control**, as shown below.

Step-by-step instructions

- 1 Set up and power on the S3.** Let it self-level normally (the level indicator on the display stops blinking once it is level).
- 2** On the remote control, press the button with the **slope / “%” icon**. This switches the S3 into **digital slope mode**.
- 3** The display now shows the **X** field. Use the **Up ▲ / Down ▼** arrow buttons to set the desired X-axis slope percentage.
- 4** Press the **checkmark (✓)** button to confirm the X value.
- 5** The display now shows the **Y** field. Again use **Up ▲ / Down ▼** to set the desired Y-axis slope percentage, then press the **checkmark (✓)** button to confirm. The S3 is now sloped on both axes.

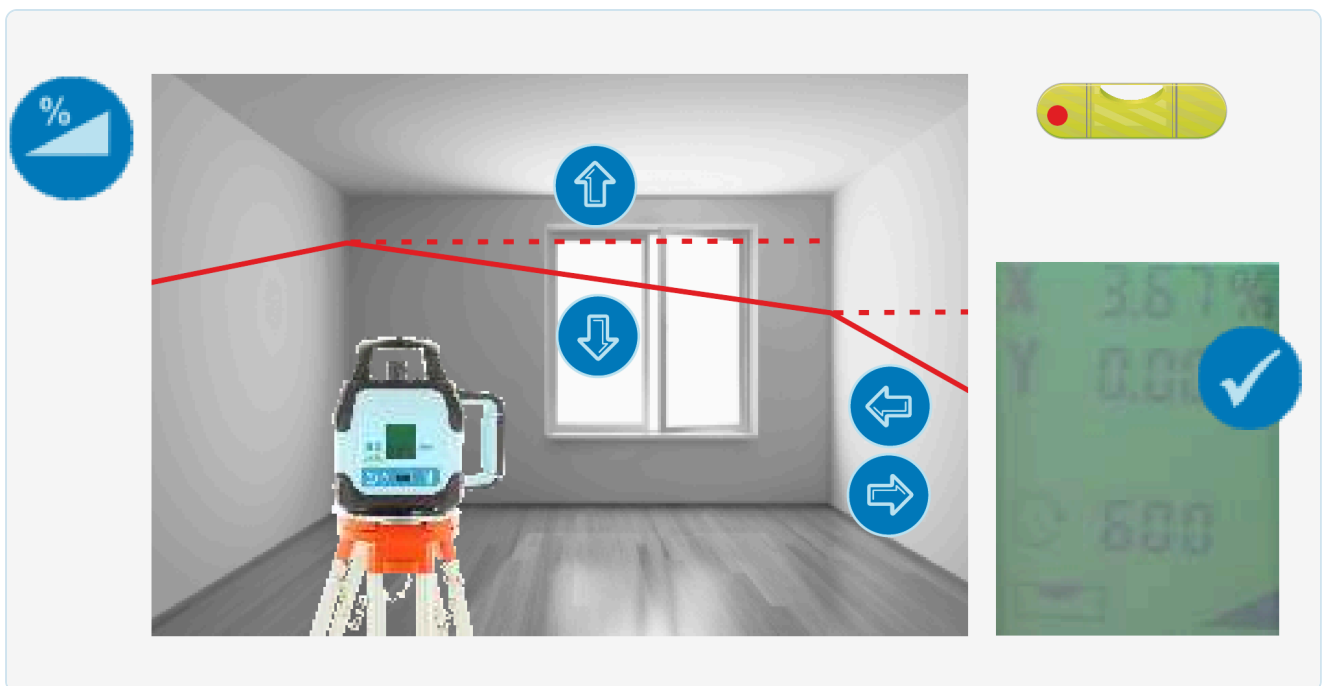


Fig. 1 — Digital slope (X/Y) operation, excerpt from the official hedue S3 Quickstart Guide.

“%” button = enter slope mode · Up/Down = set the value of the currently active axis · checkmark = confirm and move to the next axis

Note: If the display still does not show X/Y after pressing the “%” button, check that the instrument was fully self-leveled first (compensator must be locked-in before it can be switched to slope mode), and that the remote control has fresh batteries and a clear line of sight to the receiver window on the laser head.

Reference

Instrument	hedue S3 rotation laser (item no. R187 / R188 / R190)
Remote control	hedue 1151
Full manual / quickstart	www.hedue.de/manual.aspx?artnr=R187

hedue GmbH · Customer Support · This guide is based on the official hedue S3 Quickstart Guide. For further assistance please contact your hedue reseller or hedue GmbH directly.