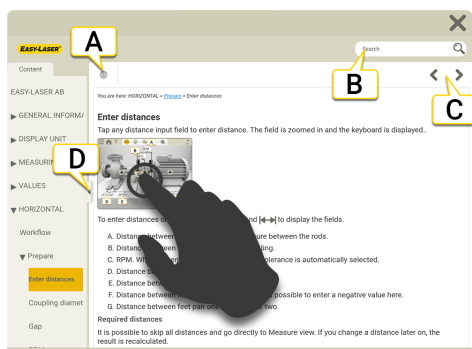


User manual for XT Alignment app

Once you have started the app, you can tap **?** to open the User Manual.

Many of the detailed images are possible to make bigger, simply tap them!



Tap the image to make it bigger!

A	Change language in the User Manual.
B	Search the User Manual.
C	Next/previous topic.
D	Hide the table of content.

Printed manual

A printable version of the manual is delivered on the USB memory stick as a pdf. The manuals are available in several languages.

Charge XT290

Charge XT290 by plugging in the power adapter. It is possible to keep on using the XT290 while it is charging.

NOTE! For best measurement accuracy it is recommended not to charge the XT290 when measuring, due to the generated heat.

Change XT290 battery

If you need to change the XT290 battery, please contact your Easy-Laser Distributor.

Service and calibration

Our Service centers will quickly assist you if your measurement system need to be repaired or when it is time for calibration.

Our main Service center is located in Sweden. There are several local Service centers that are certified to carry out limited service and repair. Contact your local Service center first before sending your equipment for service or repair. All Service centers are listed on our web site under Service and Calibration.

Before sending your measuring system to our main Service center, please fill in the online Service and Repair report.

Disposal of old electrical and electronic equipment

(Applicable throughout the European Union and other European countries with separate collection programs). This symbol, found on product or on its packing, indicates that this product should not be treated as household waste when disposed of. It should be handed over to an applicable collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed correctly, you will help to prevent potential negative consequences to the environment and human health. For more detailed information about the recycling of this product, please contact your local city office, household waste disposal service or the retail store where you purchased this product.



Disclaimer

Easy-Laser AB and our authorized dealers will take no responsibility for damage to machines and plant as a result of the use of Easy-Laser® measurement and alignment systems.

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XT290



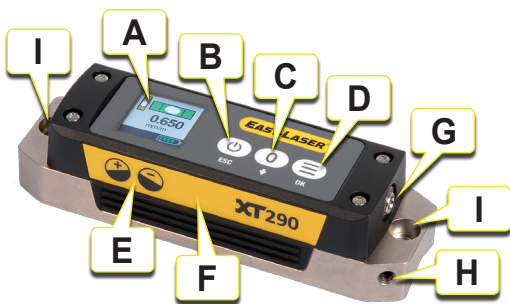
Download the XT Alignment App



EASY-LASER®

XT290 Overview

- Measuring display.
- On/off and return to measuring mode (ESC).
- to zero set value and to toggle in menus.
- to access menus and for "OK".
- Symbols explaining positive(+) or negative(-) value according to the tilt angle of the XT290.
- Yellow label helps you to keep track of measuring direction of the XT290.
- Power adapter charging port.
- Threaded hole for safety strap.
- Holes for mounting accessories /personal adaption.



Measure

- Clean the surface where the XT290 will be placed.
- Place the XT290 on the object to be measured and press to start.
- Read measuring value when it has stabilized. If the XT290 has the right working temperature, the values can normally be used immediately but Level Calibration on site is recommended, *see instruction next page*.

XT290 settings in menus

- Display view
- Calibrate
- Filter
- Resolution
- Unit
- Warnings
- Factory reset
- System info



Level Calibration of XT290

The XT290 zero point is factory calibrated. To calibrate on site:

- Place the XT290 on the object to be measured. Make a mark to ensure that you place the XT290 in the same position.
- Press and select "Calibrate". Wait until the value has stabilized. Press for OK.
- Rotate the XT290 180°, *see display view below*. Wait until the value has stabilized. Press ok.
- Press . The XT290 is now calibrated. The calibration is saved even when the XT290 is turned off. Rotate 180°, back to original position.

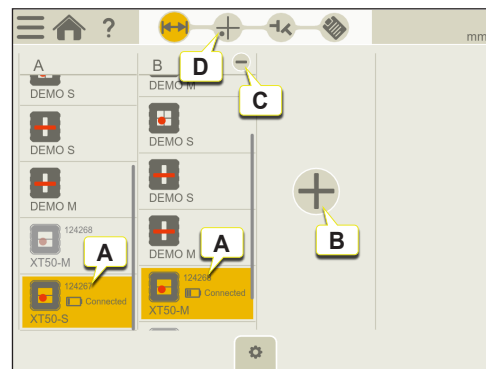
XT290 Display views

	Level Calibration. Rotate the XT290 180°. Press ok. <i>See instruction above.</i>
	Measuring view: Values within high accuracy measurement range are presented in mm/m [mils/inch]
	Measuring view: Values are presented in degrees.
	Measuring view: "Cross view". Values are presented in degrees.
	1) Wireless XT connection. Applies when measuring with display unit. 2) Value is zero set. 3) Battery status. If necessary, charge the XT290.
	Shake warning. Disappears when shaking stops. Choose on or off in Settings.
	Temperature warning. Press to clear. Press again for temperature information in Settings.
	No access to device, error code E1. The unit must be sent for repair.

Connect XT290 to the XT app

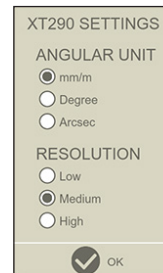
The Precision Level XT290 can be wirelessly connected to your Easy-Laser® XT Alignment app. In the XT "VALUES" program you can read 1, 2, 3 or 4 devices simultaneously.

Type of measuring unit and serial number are displayed in the "VALUES" Device list below.



- Select the devices you wish to connect.
- Tap to add more devices.
- Tap to delete selected devices.
- Tap in the workflow to start measuring.

Setting of angular units in the XT app



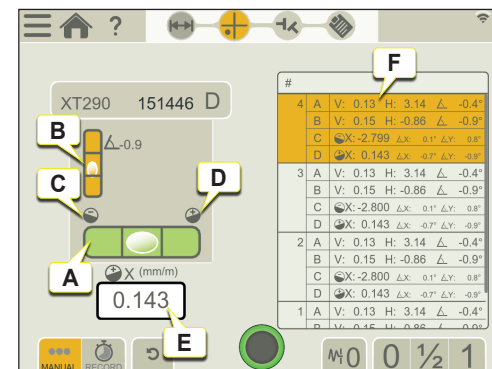
Set angular units and resolution (number of decimals) for XT290 by using the "VALUES" Settings menu. The angular units and resolution in the Precision Level display will be the same as the settings in the "VALUES" Settings menu.

NOTE! When XT290 is connected to the XT app, the settings for "Unit", "Resolution" and "Filter" can only be made in the XT app. When connected to the XT app, these display menus are disabled in XT290 and "Factory reset" is completely disabled.

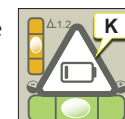
For more extensive information regarding measuring in the "VALUES" program, *see XT User Manual*.

Measure with display unit

- Clean the surface where the XT290 will be placed.
- Place the XT290 on the object to be measured and press to start.
- Level Calibrate XT290 if necessary
- Connect the XT290 to XT "VALUES" program.
- Tap to register values in "VALUES" program.
- View Report in "VALUES" program.



- Precision level shows X (pitch) direction. Value is presented in mm/m [mils/inch].
- Inclinometer shows Y (roll) direction. Value is presented in degrees.
- Bubble towards indicates negative measurement value and that the surface has a downward slope to the right. *
- Bubble towards indicates positive measurement value and that the surface has a downward slope to the left. *
- Latest reading.
- Registered values.
- Delete value.
- It is possible to add a note to a registered value.
- Shake warning. Disappears when shaking stops.
- Temperature warning. Press on XT290 to clear. Press again for temperature information in Settings menu.
- Low battery warning. Charge the XT290.



* when viewing XT290 from yellow label side.