

Laser receiver with digital scale

EN X-actRoto/X-actRoto Green

User manual

Congratulations on your purchase of laser receiver CONDROL X-actRoto/X-actRoto Green.

Safety instructions can be found in the end of this user manual and should be carefully read before you use the device for the first time.

SAFETY REGULATIONS

The user manual should be read carefully before you use the device for the first time. Unintended use of the device can be dangerous for human's health and cause serious injury. Keep this user manual. If the device is given to somebody for temporary use, be sure to enclose user manual to it.

- Do not misuse the device.
- Store the product beyond reach of children and unauthorized people.
- It is prohibited to disassemble or repair the product yourself. Entrust product repair to qualified personnel and use original spare parts only.
- Do not use the product in explosive environment, close to flammable materials.
- Avoid heating the battery to avoid the risk of explosion and electrolyte leakage. In case of liquid contact with skin, wash it immediately with soap and water. In case of contact with eyes, flush with clean water during 10 minutes and consult the doctor.

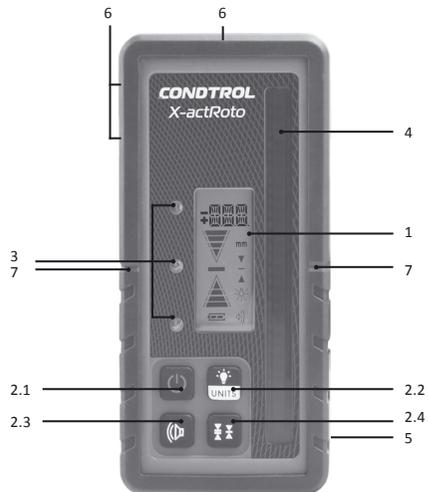
INTENDED USE

Laser receivers X-actRoto/ X-actRoto Green are designed to increase the working range of rotary lasers by CONDROL. They allow to detect the laser line at distances up to 300m in outdoor and bright lighting conditions, as well as catch the laser beam in case there is no surface to see it on.

Main features:

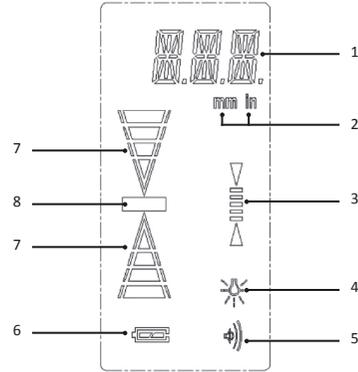
- 1) Double sided LCD, which makes it very convenient to take the readings on both sides of the receiver.
- 2) LED indication.
- 3) Volume-adjustable sound indication.
- 4) 3 options of detecting accuracy.
- 5) Indication of distance to the laser line in mm or inch.
- 6) Built-in magnets for fixing the receiver on metal surfaces.
- 7) IP65 protection rate for reliable operation in any working conditions.
- 8) Clamp for fixing the receiver on a leveling rod is included in the delivery package.

Appearance



1. LCD
2. Keyboard:
- 2.1 Switch on/off
- 2.2. Select measuring unit / LCD backlight
- 2.3. Switch on/off sound signal
- 2.4. Select high / middle / rough accuracy
3. LED indicators
4. Receiver sensor
5. Battery compartment
6. Magnets
7. Level marks

Display



1. Distance to the laser line
2. Measuring units (mm, inch)
3. Indication of accuracy
4. Indication of backlight
5. Indication of audio signal
6. Indication of battery charge level
7. Indication of movement direction
8. Indication of detected laser line

Functions of buttons

Button	Short press	Long press
	Switch on/off the receiver	
	Select the sound signal: loud/ no sound/normal	
	Select measuring unit: mm, inch	Switch on/off LCD backlight
	Select detecting accuracy: high, middle, rough	

TECHNICAL SPECIFICATIONS

Detecting Range	300 m
Unit of display	mm, inch
Options of detecting accuracy	±1mm/50m ±2.5mm/50m ±5mm/50m
Readable sensor range	±45 mm
Detecting sensor range	125 mm
IP rate	IP65
Power supply	1 x 9V
Battery life	30 hours
Automatic switch off	15 min without operation
Working temperature	- 20°C...+50°C
Dimensions:	165×75×38mm
Weight:	0.37 kg (with battery)

DELIVERY PACKAGE

Laser receiver, clamp for laser receiver, battery 9V, user manual.

BEFORE START OPERATION

Install/replace battery

Laser receiver is powered by 9V battery included in the delivery package. Battery compartment is on the back side of laser receiver. Open the battery cover, install a battery, observing correct polarity. Close the battery cover. Replace the battery as soon as the symbol of battery charge level on the LCD becomes empty

Remove the battery from laser receiver if it is not used for a long time to avoid corrosion and battery discharging.

Switch on/off

Short press the button to switch on/off the laser receiver.

Audio signal

Loud sound is set by default. Short press the button to select required volume. The sequence is the following: loud → no sound → normal.

Measuring units

Measuring unit "mm" is set by default. Short press the button to switch between mm and inch.

LCD backlight

It is switched off by default. Press and hold the button during 3 seconds to switch on/off the LCD backlight.

Detecting accuracy

High accuracy (±1mm/50m) is set by default.

Short press the button to select required accuracy. The sequence is the following: high accuracy → middle accuracy → rough accuracy.

OPERATION

Switch on the laser receiver. Make all the settings described above. Fix the laser receiver on the leveling rod, metal surface etc. Place the laser receiver in front of the laser beam. Move the detector up / down following the arrows on the LCD (front or back, whichever is more convenient) and LED indicators. A down arrow on the display indicates that the receiver should be moved down, an up arrow indicates that the receiver

should be moved up. Indicator shows the exact distance to the laser line. When the laser beam hits the center of the receiver sensor receiver

and position of the laser beam coincides with levels marks, the receiver emits sound signal (if the sound signal is switched on) and symbol of detected laser line appears on the display.

CARE AND MAINTENANCE

Attention! Laser receiver is a precise device and requires careful handling. Maintenance of the following recommendations will extend the life of the device:

- Store the product, spare parts and its accessories beyond reach of children and unauthorized people.
 - Keep the product clean and protected from any bumps, dust and dampness; do not allow moisture, dust or other dirt get inside of the product.
 - If moisture goes into the product, remove the battery and take it to the service center.
 - Do not keep or use the device for a long time at high humidity conditions.
 - To clean the product use a soft wet cloth. Do not use harsh chemicals, cleaning solvents or detergents.
- Mishandling of the following rules can cause electrolyte leakage from the batteries or other damages:**
- Remove the battery from the product if you do not use it for a long time.
 - Do not leave discharged battery in the laser level.

UTILIZATION

Expired tools, accessories and package should be passed for waste recycle. Please send the product to the following address for proper recycle:

CONDROL GmbH
Wasserburger Strasse 9
84427 Sankt Wolfgang
Germany



Do not throw the product in municipal waste! According to European directive 2002/96/EC expired measuring tools and their components must be collected separately and submitted to environmentally friendly recycle of wastes.

WARRANTY

All CONDROL GmbH products go through post-production control and are governed by the following warranty terms. The buyer's right to claim about defects and general provisions of the current legislation do not expire.

- 1) CONDROL GmbH agrees to eliminate all defects in the product, discovered while warranty period, that represent the defect in material or workmanship in full volume and at its own expense.
- 2) The warranty period is 24 month and starts from the date of purchase by end customer (see the original supporting document).
- 3) The warranty doesn't cover defects resulting from wear and tear or improper use, malfunction of the product caused by failure to observe the instructions of this user manual, untimely maintenance and service and insufficient care, the use of non-original accessories and spare parts. Modifications in design of the product relieve the seller from responsibility for warranty works. The warranty does not cover cosmetic damage, that doesn't hinder normal operation of the product.
- 4) CONDROL GmbH reserves the right to decide on replacement or repair of the device.
- 5) Other claims not mentioned above, are not covered by the warranty.
- 6) After holding warranty works by CONDROL GmbH warranty period is not renewed or extended.
- 7) CONDROL GmbH is not liable for loss of profit or inconvenience associated with a defect of the device, rental cost of alternative equipment for the period of repair.

This warranty applies to German law except provision of the United Nations Convention on contracts for the international sale of goods (CISG). In warranty case please return the product to retail seller or send it with description of defect to the following address:

CONDROL GmbH
Wasserburger Strasse 9
84427 Sankt Wolfgang
Germany