

Congratulations on your purchase of digital staff Digi Staff CONDROL.

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

**Attention!** This user manual is an essential part of this product. The user manual should be read carefully before you use the product for the first time. If the product is given to someone for temporary use, be sure to enclose user manual to it.

- Do not misuse the product
- 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 batteries 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.

#### FUNCTIONS/APPLICATIONS

Digital staff Digi Staff CONDROL is an easy-to-use electronic length measuring instrument for professional users.

Just put it in required position, pull out the sections and take measurements. Readings will appear on digital display.

When using with rotary laser, it can automatically calculate the height difference relative to defined reference points and show how much to dig or fill up the ground. The hold button allows to keep measurement result on the display. Measured values can be stored in memory.

- 1 - Section fixing screws
- 2 - Display
- 3 - Keypad
- 4 - Bubble level
- 5 - Battery compartment
- 6 - Support pole (10cm)



#### Keypad

	- display measured value on LCD/delete measured value and continue measuring
	- set a starting point at certain measurement
	- save measurement result
	- save measurement result
	- Select measuring unit: inches, feet and inches, fractions, decimals, and centimeters.
	- Remove/add support pole

#### TECHNICAL SPECIFICATIONS

Working height	1.30...3.00 m
Accuracy	±1mm
Battery life	250 hours
Power	4 X AA 1.5V (alkaline)
Operating temperature	-10°C ...50°C
Storage temperature	-10°C ...50°C
Dimensions	40 X 1300 X 75mm
Weight	1.652 kg

#### DELIVERY PACKAGE

Digital staff – 1 pc  
Batteries (1.5V AA alkaline) – 4 pcs  
User manual – 1 pc.

#### BEFORE START OPERATION

##### Insert/replace batteries

Remove the battery cover. Insert the batteries, observing correct polarity. Put the battery cover back.

If the staff cannot be switched on, replace the batteries.

All batteries must be of the same brand, with the same charge level.

Remove the batteries from the device if it's not used for a long time to avoid corrosion and battery discharge. All batteries must be replaced at the same time.

#### Switch on/off

Switch on: the staff will switch on automatically as soon as the user pulls out its section/s.

Switch off: the staff will switch off automatically in 5 min after the last operation.

#### Measuring units

Press and hold the button during 1 second to select measuring unit: inches, feet and inches, fractions, decimals, and centimeters.

#### Support pole

Support pole (10 cm) length is detachable. Support pole protects the staff from shock when you put it on the ground. It also makes it possible to set up the staff on watery ground. The smallest height of SD-300 is 130 cm, including 10cm support pole.

If the support pole is removed, short press the button . Symbol appears on the display. Total height 120 cm is set.

If the support pole is attached, short press the button again. Symbol appears on the display. The total height 130 cm is set.

#### OPERATION

1) Observing the readings on the bubble level, set the staff in vertical position.  
2) Extend the staff to the measuring height and fix it by tightening the section fixing screw/s.

3) Press and hold the button for 1 second until zero symbol appears on the display and the displayed value is 0.0.

4) Short press the button . Current measurement is flashing on the display. The measurement will be fixed on the screen.

5) Short press the button again to start new measurement.  
– (minus) value: the user needs to fill the ground as the amount of measured value.  
+ (plus) value: the user needs to cut the ground as the amount of measured value.  
6) If needed, unwind the section fixing screw and set a new height of the staff and repeat actions in points 1-4.

7) To cancel zero point press and hold the button for 1 second and the staff will go back to standard measurement.

8) Press and hold the button or for 1 second to save measurement result in memory. Symbol or will appear on LCD.

9) Short press the button or to recall restored measurements.

10) Move the staff up or down; restored measurement will disappears from the display.

#### CARE AND MAINTENANCE

**Attention! This device is a precision instrument and requires careful handling. Maintenance of the following recommendations will extend the life of the device:**

- Protect the device from bumps, falling and intense vibration; do not allow moisture, dust and foreign objects get inside the device.
- If liquids get inside the device, first remove the batteries, then contact a service center.
- Do not store and use the device in increased humidity conditions.
- Do not store the product in rooms where temperature is below -10°C. After storage in low temperature conditions and subsequent transfer to a warm room, the device heats up, causing moisture condense inside the device and damage microcircuits.
- Do not expose the device to direct sunlight and protect it from prolonged exposure to sunlight and high temperature.

- Clean the device with a soft cloth slightly made damp with a mild soap solution. Do not use cleaning solvents or abrasives.

**Failure to observe the following rules may lead to electrolyte leakage from the batteries and damage the device:**

- Remove the batteries from the device if you don't use it for a long time.
- Do not use batteries of different types, with different charge level.
- Do not leave discharged batteries in the device.

#### 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 months and starts from the date of purchase by the 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