

**HANDY
10058
Self
Leveling
Cross
Line
Laser**



HANDY 10058 Self Leveling Cross Line Laser Instruction Manual

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HANDY

HANDY 10058 Self Leveling Cross Line Laser



Product Usage Instructions

Introduction:

To use the product, read and understand all usage and safety information. Use the instrument only as described and in the specified areas of use. When lending the product, also include the user manual.

Intended Use:

The product is intended for [describe intended use here].

First Use:

1. Remove all packaging materials.
2. Charge the batteries following the instructions provided.

Troubleshooting:

Problem	Possible Cause	Solution
The device does not turn on	The battery is dead or low on power / The battery is not inserted correctly	Charge or swap the battery / Check that the batteries have been inserted with the right polarity
Automatic leveling does not work, there is no horizontal line	The laser head cannot move freely, it is possible that the deviation from the horizontal is too large.	Tilt the product until it is parallel to the ground. Automatic leveling only works if the base of the device is downwards.
The battery is low on power		Charge or swap the battery
The laser beam is not visible	The ambient light is too bright or the work object is too far away	If possible, exclude external lights or place the laser level closer to the object.

Waste Management:

To separate the waste, observe the markings on the packaging material. Batteries must not be thrown in household waste. They may contain toxic heavy metals and are considered waste requiring special treatment. Hand in used batteries at a community collection point.

FAQ

Q: What do I do if the laser beam is not visible?

A: If the laser beam is not visible, it could be due to ambient light being too bright or the work object being too far away. Try excluding external lights or moving the laser level closer to the object.

Q: How do I troubleshoot if the device does not turn on?

A: If the device does not turn on, it might be due to the battery being dead or low on power, or the battery not being inserted correctly. Try charging or swapping the battery and ensure correct insertion of batteries with the right polarity.

Product Description

A new generation of Handy hand tools has arrived, with which you can perform your task even more precisely and accurately.

The laser strips projected by the device are clearly visible in almost all environmental conditions thanks to the outdoor flashing mode. The glasses with green lenses included in the suitcase ensure that up to 4 laser strips can be projected at the same time. Long-lasting work with the instrument is ensured by high-capacity Li-ION batteries, which can be quickly charged using the included Type-C cable. Thanks to the included batteries, you do not need to interrupt your work while the battery is charging. While working with one, you can charge the other. The instrument can help in many areas, whether it is about putting up a simple picture or even tiling, plastering, concreting, fixing edges. With the help of the two types of mounting bracket and stand, you can stably fix the device while you perform the necessary activity in the line of the laser, e.g.: marking, drilling, fastening. The rotatable mounting bracket has extra strong builtin magnets, so it can also be easily attached to metal surfaces.

A padded, durable plastic case ensures the safe transport of the laser device and its accessories.

- Quick and easy to use
- Automatic leveling up to $\pm 4^\circ$
- Normal and fixed laser cross-mode
- Green laser projection
- 3D/360° laser grid
- Digital spirit level
- Double battery in the package
- 1/4" and 5/8" adaptor
- Radio frequency remote control
- Can also be used outdoors (flashing laser strip)
- Magnetic, rotatable mounting bracket that can be fine-tuned in all directions
- Glasses with green lenses
- Padded case









SPECIFICATION

Number of lasers:	4 pcs (2x horizontal, 2x vertical)
Laser color:	Green

Max. distance:	15 m
Accuracy:	+ - 1 mm / 7 m
Laser diode:	515 nm
Laser class:	Class 2
Laser max. performance:	100 mW
Automatic leveling:	Yes. +-4°
Built-in tripod thread:	1/4" and 5/8"
Operating temperature:	-20 – (+50)°C
Power supply:	2 x 3600 mAh 3,7V 18650 Li-ion battery
Plug type:	Type-C
Charging cable length:	100 cm
Charging cable color:	White
Recommended adaptor (For battery charging):	Input: 100-240 V AC 50/60 Hz Output: 5V, min. 2A

Material:	Plastic
Color:	Orange/black
Laser level device size:	150 x 110 x 85 mm (without battery)
Case size:	320 x 285 x 140 mm
Weight:	~555 g (laser level, without battery)
Protection:	IP43
Package contents:	Laser level, 2 x battery, glasses, remote control, console adapter, L console, rotating aluminum console, hanging metal console, charging cable, case

Warning symbols, signs

-  **Danger!** This symbol, next to the word “Danger”, draws attention to a high risk factor which, if not avoided, can lead to serious injury or death!
-  **Warning!** This symbol, next to the word “Warning”, draws attention to a medium risk factor which, if not avoided, can lead to serious injury or even death.
-  **Caution!** This symbol, next to the word “Caution”, draws attention to a low risk factor that, if not avoided, may lead to minor injury.
-  **Attention!** This symbol, in addition to the word “Caution”, indicates a risk of material damage.
-  **Note!** It draws attention to useful information related to operation.
-  **Danger** of explosion!
-  **Laser beam!** Beware of the laser beam.
-  It indicates that the product complies with the applicable EU regulations.

Introduction

To use the product, read and understand all usage and safety information! Use the instrument only as described and in the specified areas of use! When lending the product, also include the user manual!

Intended use

- The device is suitable for projecting horizontal and vertical lines. The 4 lines can be used separately or simultaneously.
- The device cannot be used for other purposes.
- The device is suitable for use in an IP43 rated environment only- with an installed battery – as intended. (protected against the penetration of solid bodies, devices (wires) with a diameter greater than 1 mm. The device is protected against spray water at an angle of 60° (10 l/min. volume for 5 minutes)
- The device is designed for residential use! Not recommended for business use!
- In the event of damage resulting from disregarding the instructions in this user manual, the warranty will be void!
- The manufacturer and distributor is not responsible for injuries and damages caused by unprofessional, improper use.

Warning!

- Check the integrity of the product before each use!
- Keep the product away from medical devices, magnetic data carriers and devices sensitive to magnetism.
- Do not leave the laser level unattended during use!
- Keep away from children! Not a game! Do not let children have access to the product packaging!
- Never look into the laser beam, it can cause serious eye injury!
We recommend using the safety glasses in the case!
- Always switch off the device when it is not in use, it should only be transported in this state, as the on/off switch is also the lens holder. Otherwise, the self-calibration mechanism may be damaged!
- Do not expose to direct sunlight or heat!
- Do not use in a wet environment, the device is IP54 protected, only protected against splashing water!
- Protects it from impacts and strong physical impacts!
- If you notice a problem with calibration or laser line, check that the battery is not discharged. If necessary, charge the battery of the device. You can do this with the Type-C connector on the side of the device or by removing the device's battery and charging it separately from the device, using the cable and charging adapter included in the package.
- The battery may only be charged with the supplied factory charging cable!
- To extend the life of the battery, do not let the device run down completely!
- Do not leave the battery unattended while charging!

Danger of explosion!

- Never short-circuit the battery connector, as this may result in overheating, fire, or explosion. The batteries may only be connected to the charging adapter with the appropriate specifications! Do not throw batteries into fire or water. Do not subject batteries to mechanical stress. Avoid extremes of temperature and humidity.
- If the device is not to be used for a long time, remove the battery from it. We recommend putting it on a charger every 2-3 months, regardless of the charge level.
- It is forbidden to disassemble or modify the instrument!

Use

First use

1. Remove all packaging materials
2. **Charge the batteries:**
 - Connect the Type-C charging cable to the socket (6).
 - Connect the cable to a standard USB socket.
 - It takes at least 5 hours to fully charge the batteries.
 - After charging is complete, disconnect the USB input and then the Type-C connector from the battery.
3. Connect the charged battery to the instrument!
4. **Switching on:** For automatic leveling and turning on the laser, release the lock on the side of the device!
Caution! Laser beam! Do not look into the laser beam, turn your head or close your eyes! The instrument tests the lasers at start-up, then turns on the one located at the bottom of the device.
5. **Power off:** Push back the switch on the side and lock the laser heads.

Switching laser lines on and off

- Press the "H" button to turn the horizontal lasers on and off one at a time.
- Press the "V" button to turn the vertical lasers on and off one at a time.

Use with automatic levelling

Place the instrument on a flat surface or stand and pull the latch on the side. This ensures free movement of the laser heads and the device turns on and automatically levels itself in case of a maximum deviation of $\pm 4^\circ$. If the deviation is greater than $\pm 4^\circ$, the laser flashes green and a beeping sound is heard. In such a case, try to tilt the instrument in some direction and fix it that way.

Use without automatic levelling:

Fix the device in the desired position and pull the latch on the side. This ensures free movement of the laser heads and the device turns on. Touch and hold the power button at the top until you hear a short beep. The instrument switched from automatic leveling mode to fixed laser projection mode. Touch and hold the button again to switch back to auto-leveling mode.

Use of stands:

Choose the console that best suits your environment. The set offers many solutions:

- **„L” shaped bracket:** The instrument can be tilted, slid and rotated with the help of the rollers. Thanks to the double magnet, it can be fixed stably. With the help of the hanging iron bracket, you can fix it anywhere.
- **Aluminum lifter:** A lift similar to a scissor lift. The instrument can be finely leveled with the help of the wheel.
- **Stand adapter:** Allows you to switch between $\frac{1}{4}$ " and $\frac{5}{8}$ " stand sizes.

Area of use:

- The laser leveler is suitable for all work in which it is important to determine the plane, be it horizontal or vertical. It can be placed at any height, fixed and, after switching on, projects a fully self-calibrating (± 4 degrees difference) laser cross onto the work object.
- The planes of the cross appear horizontally and vertically and are perpendicular to each other. They provide a

starting point for a lot of construction and DIY work, without special calculation and measurement tasks, e.g.: tiling, painting, installing shelves and cabinets, plastering, concreting, etc..

Cleaning

Warning! Never immerse the product in water or other liquids!

Warning! It is forbidden to disassemble the product! The instrument can only be opened by a specialist! Leave any repair work on the product to a specialist and only repair the device with factory parts. In this way, a long service life and safe use can be guaranteed.

- The product does not require regular maintenance or calibration!
- In order to ensure proper operation, after use, clean the device of possible contamination and store it as such. Use a dry cloth to clean the outer casing.
- To clean the laser windows, use a gentle stream of air, using a compressor or a bottle of compressed air. Do not use too much pressure, use a slightly moistened ear cleaner to remove stubborn dirt.

Storage

After use, disconnect the battery and put it back in the case. If you do not use the instrument for a long time, store it in a dry place protected from sunlight. Do not expose the device, including the battery, to extremes of weather and temperature. Store in a place protected from direct sunlight!

Troubleshooting

Problem	Possible cause	Solution
The device does not turn on	The battery is dead or low on power	Charge or swap the battery
	The battery is not inserted correctly	Check that the batteries have been inserted with the right polarity
Automatic leveling does not work, there is no horizontal line	The laser head cannot move freely, it is possible that the deviation from the horizontal is too large.	Tilt the product until it is parallel to the ground. Automatic leveling only works if the base on the device is downwards
	The battery is low on power	Charge or swap the battery
The laser beam is not visible	The ambient light is too bright or the work object is too far away	If possible, exclude external lights or place the laser level closer to the object

Waste management



To separate the waste, observe the markings on the packaging material. These abbreviations contain numbers “a” and “b”. These numbers and letters help to identify the packaging material:

- 1 – 7: Plastics

- **20 – 22:** Paper and cardboard

The product and packaging materials are recyclable, dispose of them separately for better waste management. You can find out about the options for destroying the serviced product at the competent municipality of your place of residence. For the sake of the environment, do not throw the serviced product in the household waste, but hand it in for professional disposal. You can find out about the collection points and their opening hours at the competent municipality.

Defective or used batteries must be recycled in accordance with Directive 2006/66/EC and its amendments. Return the batteries and/or the product via the recommended collection points.

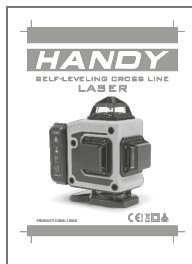
Environmental damage due to incorrect disposal of batteries!



■ Batteries must not be thrown in the household waste. They may contain toxic heavy metals and are therefore considered waste requiring special treatment.

The chemical symbols for heavy metals are as follows: Cd = cadmium, Hg = mercury, Pb = lead. Therefore, you should hand in used batteries/batteries at a community collection point.

Documents / Resources



[HANDY 10058 Self Leveling Cross Line Laser \[pdf\] Instruction Manual](#)
10058, 10058 Self Leveling Cross Line Laser, Self Leveling Cross Line Laser, Cross Line Laser
, Line Laser, Laser

References

- [User Manual](#)

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