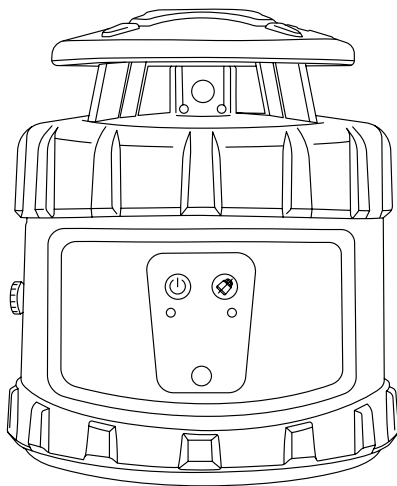




CP-R10G **ROTARY LASER LEVEL**

CP-R10G Product Code: 400100



INSTRUCTION MANUAL

Laser Safety

Read the following safety instructions before attempting to operate this tool.

Keep these instructions in a safe place or store in the carry pouch for future reference.



WARNING! SAVE ALL WARNINGS & INSTRUCTIONS FOR FUTURE REFERENCE.

Read and understand all instructions.

- Use the tool only with the specifically designated batteries.
- Store the tool out of reach of children and other untrained persons. Laser tools are dangerous in the hands of untrained users.
- Use only accessories that are recommended for your model.
- Tool service must be performed only by qualified repair personnel. Repairs, service or maintenance performed by unqualified personnel will void the warranty. Only approved and authorised service technicians can carry out warranty repairs.
- Do not use optical tools such as a telescope or transit to view the laser beam. Serious eye injury could result.
- Do not place the tool in a position which may cause anyone to intentionally or unintentionally stare into the laser beam. Serious eye injury could result.
- Do not position the tool near a reflective surface which may reflect the laser beam toward anyone's eyes. Serious eye injury could result.
- Do not set up the tool at a position where the laser beam can cross any person at head height.
- Do not let children come in contact with the tool.
- Turn the tool off when it is not in use. Leaving the tool on increases the risk of staring into the laser beam.
- Do not operate the tool around children or allow children to operate the tool. Serious eye injury may result.
- Position the tool securely on a level surface. Damage to the laser or serious injury could result if the laser falls.
- Do not remove or deface warning labels.



WARNING!

DO NOT DISASSEMBLE THE LASER.

There are no user serviceable parts inside. Disassembling the tool will void all warranties on the product. Do not modify the tool in any way. Modifying the tool may result in hazardous laser radiation exposure.



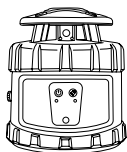
CAUTION!

CLASS 3R LASER PRODUCT

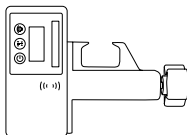
- Never look into the laser beam directly and intentionally.
- Do not use optical tools to view the laser beam.
- Do not set up the tool at a position where the laser beam can cross any person at head height.
- Do not let children come in contact with the laser.

Item Checklist

Please ensure the following items are included with your laser level.
If anything is missing please contact your retailer.



Centre Point
CP-R10G



Centre Point CP-DR3
detector & clamp



Laser glasses
(green)



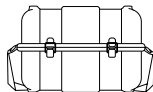
Laser target
(green)



AA Alkaline
batteries (x4)



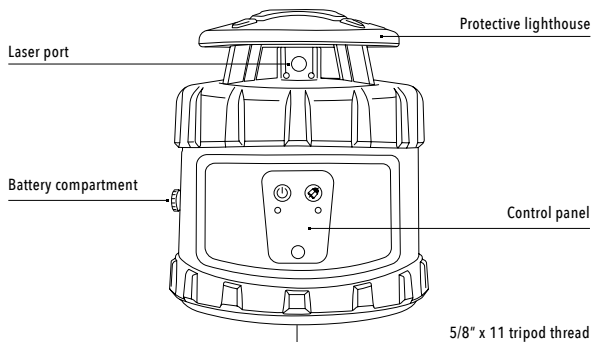
9V Alkaline battery
(detector)



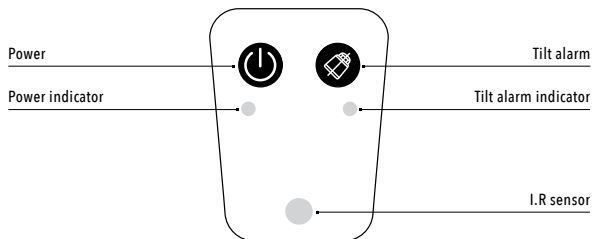
Hard carry case

CP-R10R KIT

Using the Laser



OVERVIEW



CONTROL PANEL

Using the Laser (continued)

POWER SUPPLY

- The instrument is supplied with four AA 1.5V alkaline batteries as its main power source.

Battery replacement

- Unscrew and remove the battery cover door and the batteries
- Insert the alkaline batteries into the battery tray according to polarity.
- Replace the battery cover door and tighten the screw.

SETUP

- Select a place as close as practical to the work site. Ensure the location is clear of traffic.
- Place the laser on a level surface such as a bench or supplied mount.

OPERATION

Powering on

- Press the power button once and the instrument will power on and begin automatically self-levelling. When this levelling process is complete, the penta prism inside the lighthouse will start rotating.
- If the instrument is outside the self levelling range the instrument will not level causing the laser beam to flash continuously. If this occurs, reposition the instrument onto a level surface until the instrument can level off.

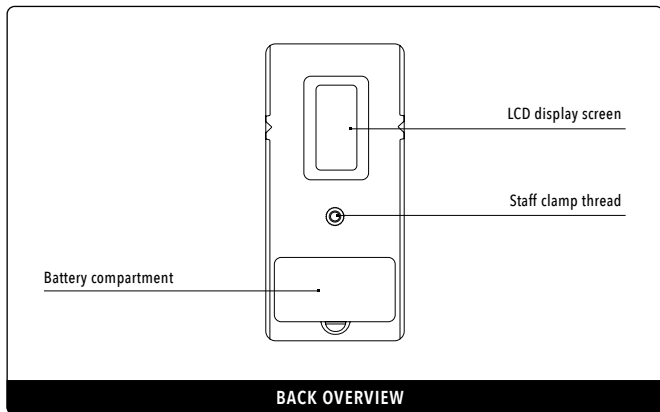
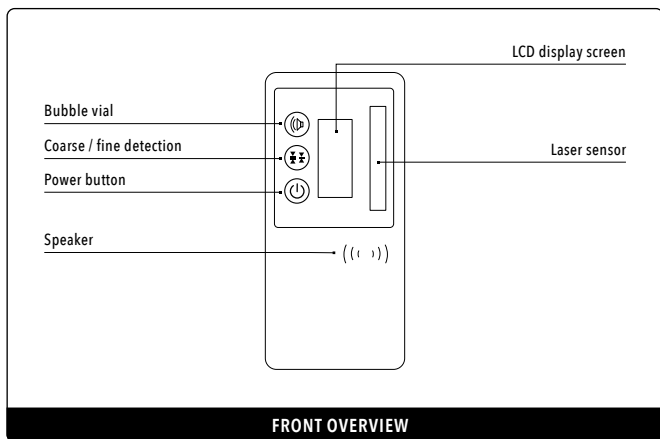
Powering off

- Press the power button once and the instrument will power off.

Tilt alarm

- Once the instrument has been levelled off the tilt alarm can be enabled by pressing the tilt alarm button. The tilt alarm indicator light will flash continuously whilst active.
- If the instrument is disturbed while the alarm is active the instrument will stop rotating and will need to be powered off and on again to reset its level position.

Using the Detector



Using the Detector (continued)

POWER SUPPLY

- The detector is supplied with one 9V alkaline battery as its standard power source.

Removing & inserting the alkaline battery

- Open the battery cover door.
- Insert the alkaline battery into the battery tray according to polarity.
- Close the battery cover door.

SET UP

Mounting the staff clamp

- Insert the staff clamp screw into the staff clamp thread.
- Rotate the thumb screw until the clamp is secured in place.

OPERATION

Powering on

- Switch the detector on by pressing the power button. The speaker will emit a small tone to indicate the instrument is operating.
- The LCD screen will display the battery level detection mode and speaker function.

Speaker function

- Press the speaker button to turn the speaker off / on.

Operation with a rotary laser level

- Turn on the rotary laser level.
- To change between coarse and fine detection mode press the coarse / fine mode button/
- Move the detector into the path of the laser beam.
- Hold the detector upright to detect the horizontal beam (Fig. 1)
- The direction arrows or level line on the LCD screen will indicate the position of the laser beam. The detector will emit a constant beep once the level position has been located.

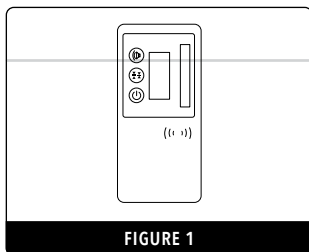


FIGURE 1

Using the Tripod

NOT INCLUDED



A tripod can be purchased from your nearest measurement tool dealer. The below instructions are generic only and set-up methods may vary between models. Refer to the documentation from the tripod manufacturer for details.

- Extend the tripod legs to the required height and ensure the legs are spread wide enough so that the tripod platform is stable. Secure the legs in place (refer to the documentation from the tripod manufacturer for details).
- Place the laser level onto the tripod and mount via the male thread (5/8" into the base until firm. Do not over tighten as this may cause damage to the laser level or tripod.

NOTE: adjustment methods will vary on tripod models. Always ensure that any locking levers are unlocked before making adjustments and returned to the locked position when the adjustment is complete.

If using an elevating tripod with a measuring scale on the centre column, the height can be adjusted as required.



WARNING! Attaching the laser to a tripod without the correct thread size may cause damage.

Care & Maintenance

1. This is a precision measuring tool and should always be handled with care and transported within the carry pouch provided.
2. Always turn the tool off when transporting the laser level or moving around the job site.
3. Whenever possible, store the tool in a dry, shady location.
4. When the tool is not in use or is being stored, it is highly recommended to remove the batteries.
5. Calibration of the tool is recommended every six months, if ongoing accurate levelling is required, or an impact has occurred.
6. The operator should check the accuracy of the tool before precision levelling is attempted. Failure to do so may result in inaccurate measurements.
7. Clean the tool with a dry, soft cloth after use in dusty, damp or wet conditions before storing.
8. Smudges and fingerprints may be removed with a damp tissue or a soft, lint-free cloth.

Trouble Shooting

ERROR / PROBLEM	CAUSE / SOLUTION
Laser level does not power on	<ul style="list-style-type: none">• Check the batteries. They may be in the wrong way or need replacing.• Check the battery compartment for signs of damage and ensure that the compartment and battery terminals are clean.
Laser level turns on but does not rotate	<ul style="list-style-type: none">• Check the batteries. They may be in the wrong way or need replacing.• Check the battery compartment for signs of damage and ensure that the compartment and battery terminals are clean and not bent.
Laser level does not remain on for long periods of use	<ul style="list-style-type: none">• Check the batteries. They may be in the wrong way or need replacing.• Check the battery compartment for signs of damage and ensure that the compartment and battery terminals are clean and not bent.
Laser level does not level off	<ul style="list-style-type: none">• The laser level may be outside of its self-levelling range and may require an adjustment before self-levelling can commence.• Check the batteries. They may have low power.• The laser level may have impact damage and may require repairs to become operational.
Detector does not detect the laser beam	<ul style="list-style-type: none">• Check that the laser level is powered on.• Check the detector battery. The battery may require replacing.• Check the laser is operating correctly.
Detector speaker is not functioning	<ul style="list-style-type: none">• Check sound is on.• Check the laser is operating correctly and producing a beam.

If the above troubleshooting steps do not resolve any issue that you may have, please contact 24-hour support.

Warranty

This tool comes with a standard 3 year warranty. Extend the warranty of your laser level to 7 years by registering online. See website for terms and conditions.

www.spoton.com.au/warranty-information

All Spot-on measurement tools are carefully checked and tested to our precise quality assurance standards. We offer a warranty in accordance with the following conditions:

1. Our warranty provides the correction of deficiencies to the tool once verified by an authorised service centre that the deficiencies were caused by a manufacturing fault within the warranty period.
2. The warranty period is 3 years from the date of purchase. The warranty period can be extended to 7 years upon registration of the tool within 30 days of purchase.
3. The warranty does not cover:
 - a) Calibrations and components that are subject to wear and tear.
 - b) Defects in the tool caused by non-compliance with the operation instructions, improper use, abnormal environmental conditions, inappropriate operating conditions or insufficient maintenance.
 - c) Defects caused by using accessories or spare parts other than approved parts.
 - d) Services or repairs carried out by non-authorised persons.
4. Defects recognised by an authorised service centre as being covered by the warranty shall be corrected either by repair or replacement of the tool.
5. The warranty claim must be lodged within the warranty period. This requires the complete tool with the original sales receipt containing the purchase date and place of purchase. Partial or disassembled tools cannot be submitted for a warranty claim.
6. Services provided under warranty do not lengthen or renew the warranty of the tool.

"Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure."

For more information please visit consumerlaw.gov.au

Specifications

SPECIFICATIONS	CP-R10G
Product code	400100
Warranty	7 Years (with online registration)
Accuracy	$\pm 1.5\text{mm}$ at 30m
Operating range	250m (diameter)
Levelling range	$\pm 9\%$ / $\pm 5^\circ$
Maximum rotation speed	600rpm
Laser class	3 Green
Battery life	20 hours
Battery type	4x 1.5V AA
Horizontal lines	1
IP rating	65
Weight (kg)	1.2
Dimensions (mm)	135 x 145 x 165

Customer Support

To assist you with any queries or technical questions please contact customer support.

1300 658 338

Visit www.spoton.com.au for more information.



Spot-on Laser & Tool Company Pty Ltd

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