

DRAPER®

®

INSTRUCTIONS FOR Self-Levelling Laser Level Kit

Stock No.88637 Part No.SLCLLK

IMPORTANT: PLEASE READ THESE INSTRUCTIONS CAREFULLY TO ENSURE THE SAFE AND EFFECTIVE USE OF THIS TOOL.



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GENERAL INFORMATION

Read all these instructions before operating this product and save these instructions.

This manual has been compiled by Draper Tools and is an integrated part of the product with which it is enclosed and should be kept with it for future references.

This manual describes the purpose for which the product has been designed and contains all the necessary information to ensure its correct and safe use. We recommend that this manual is read before any operation or, before performing any kind of adjustment to the product and prior to any maintenance tasks. By following all the general safety instructions contained in this manual, it will ensure both product and operator safety, together with longer life of the product itself.

All photographs and drawings in this manual are supplied by Draper Tools to help illustrate the operation of the product.

Whilst every effort has been made to ensure accuracy of information contained in this manual, the Draper Tools policy of continuous improvement determines the right to make modifications without prior warning.



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DECLARATION OF CONFORMITY

We:
 Draper Tools Ltd.,
 Hursley Road,
 Chandler's Ford,
 Eastleigh, Hampshire.
 SO53 1YF.
 England.

Declare under our sole responsibility that the product:

Stock No:- **88637.**
 Part No:- **SLCLK.**
 Description:- **Self-Level Cross Line Laser.**

To which this declaration relates is in conformity with the following directive(s)
 73/23/EEC, 89/336/EEC.

With reference to:
 EN60825-1:2003, EN60825-1:1994+A1:2002+A2:2001, EN61000-6-3:2001, EN61000-6-1:2001.

J.N. Draper
 Managing Director

09/12/2005



SPECIFICATION

The Draper Tools policy of continuous improvement determines the right to change specification without notice.

Stock No.....	88637
Part No.....	SLCLLK
Laser Classification.....	Class II
Output Power.....	≤5mW
Wavelength.....	635nm
Laser Accuracy	0.7mm/M
Operating Range.....	9M
Self-levelling Range.....	±4°
Power Source	3 x AA*

* Draper Stock No.61834

WARNING: LASER RADIATION, DO NOT STARE INTO BEAM. CLASS II LASER PRODUCT



GUARANTEE

Draper Tools have been carefully tested and inspected before shipment and are guaranteed to be free from defective materials and workmanship for a period of 12 months from the date of purchase except where tools are hired out when the guarantee period is ninety days from the date of purchase.

Should the machine develop any fault, please return the complete tool to your nearest authorized warranty repair agent or contact Draper Tools Limited, Chandler's Ford, Eastleigh, Hampshire, SO53 1YF. England. Telephone: (023) 8026 6355.

A proof of purchase must be provided with the tool.

If upon inspection it is found that the fault occurring is due to defective materials or workmanship, repairs will be carried out free of charge. This guarantee does not apply to normal wear and tear, nor does it cover any damage caused by misuse, careless or unsafe handling, alterations, accident, or repairs attempted or made by any personnel other than the authorised Draper warranty repair agent.

Note: If the tool is found not to be within the terms of warranty, repairs and carriage charges will be quoted and made accordingly.

This guarantee applies in lieu of any other guarantee expressed or implied and variations of its terms are not authorised.

Your Draper guarantee is not effective unless you can produce upon request a dated receipt or invoice to verify your proof of purchase within the 12 month period.

Please note that this guarantee is an additional benefit and does not affect your statutory rights.

Draper Tools Limited.



GENERAL SAFETY INSTRUCTIONS

- Laser radiation. Do NOT stare into beam. Class II laser product.
- Viewing the laser output with certain optical instruments (for example, eye loupes, magnifiers and microscopes) with a distance of 100mm may pose an eye hazard.
- Viewing the laser output with certain optical instruments designed for use at a distance (for example, telescopes and binoculars) may pose an eye hazard.
- CAUTION: Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.
- Do NOT direct the beam towards a person's eyes.
- Avoid positioning the laser such that it may lead to unintentional eye exposure to any potential passing pedestrians/traffic.
- Do NOT direct the beam towards animals.
- Do NOT use in the vicinity of children.
- Do NOT direct the beam onto reflective surfaces.
- Always switch off when not in use and do not leave unattended. Remove the batteries before storing the laser level away.
- Store the level in a dry location, out of the reach of children.
- Care must be taken to ensure that the laser level is not dropped, knocked or damaged during use or storage.
- This laser level product has no serviceable parts. Do not attempt to disassemble or repair.

DRAPER[®]
Expert

Laser diode type Red laser diode 635nm
 Laser level ≤5mW, Class II
 Accuracy ±6mm at 9M
 Self-levelling range ±4°
 Levelling time ≤5s
 Battery 3 x AA size 1.5V

SERIAL No.

Draper Tools Limited, Hursley Road, Chandler's Ford,
 Eastleigh, Hants. SO53 1YF. U.K.

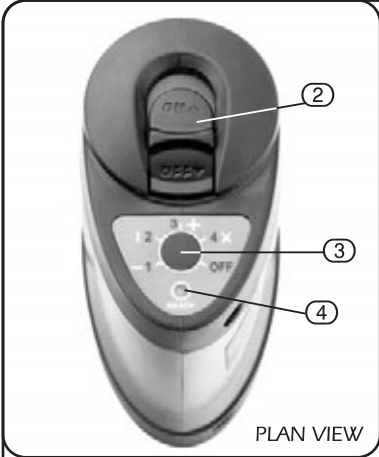
 

Stock No.88637
 Part No.SLCLLK

LASER RADIATION-
DO NOT STARE INTO BEAM

635nm Output≤5mW
 Class II Laser Product
 EN60825-1:1994+A1:2002+A2:2001  





① WARNING: LASER RADIATION, DO NOT STARE INTO BEAM. CLASS II LASER PRODUCT.

- ① Laser Beam Aperture
- ② On/Off Switch/Transportation Lock
- ③ Mode Selection Button
- ④ Power Indicator
- ⑤ Laser Enhancing Goggles
- ⑥ Tripod Mount (1/4" female thread)
- ⑦ Battery Compartment Cover

- **UNPACKING:** After removing the packing material, make sure the product is in perfect condition and that there are no visible damaged parts. If in doubt, do not use the product and contact the dealer from whom it was purchased.

The packaging materials (plastic bags, polystyrene, etc.), must be disposed of in an appropriate refuse collection container. These materials must not be left within the reach of children as they are potential sources of danger.

ASSEMBLY

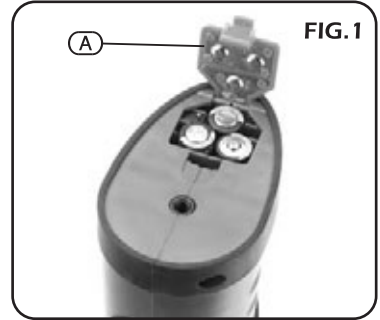
- SELF-LEVelling LASER LEVEL BATTERY INSTALLATION: (FIG.1)

Unclip the battery compartment cover (A) and lift it up. Insert the 3 x AA batteries*, taking note of the polarity indicated inside the compartment lid. Replace the cover securely.

* Draper Stock No.61834.

- NOTE:

Ensure the laser beam aperture is covered to avoid accidental beam exposure during battery installation/ replacement.



OPERATION AND USE

- LASER BEAM MODE SELECTION: (FIG.2)

Slide the on/off switch (B) to the 'ON' position releasing the transportation lock, which allows the internal laser assembly to swing freely. The power indicator (C) will illuminate. Press button (D) repeatedly to cycle through to the desired laser beam mode.

MODE 1: Horizontal laser beam with alignment alarm 'on'.

MODE 2: Vertical laser beam with alignment alarm 'on'.

MODE 3: Cross (horizontal + vertical) laser beams with alignment alarm 'on'.

MODE 4: Cross (horizontal + vertical) laser beams with alignment alarm 'off'.

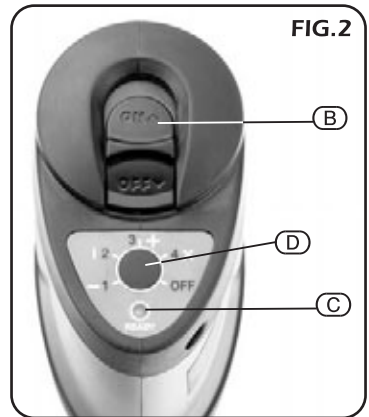
OFF: Laser beam off.

Place the laser level on a surface no greater or less than 5° from flat.

With the laser aperture aimed in the correct direction, switch the level on, releasing the transportation lock, and select the beam required. In mode 1-3, if the surface on which the device is stood exceeds 5° a beep will be emitted until the angle is reduced to within the 5° limit. When complete, switch off the beam and position the main switch to 'OFF' to lock the internal laser assembly ready for transportation.

- NOTE:

Wearing the goggles supplied will enhance the laser beam.



- At the end of the machine's working life, or when it can no longer be repaired, ensure that it is disposed of according to national regulations.
- Contact your local authority for details of collection schemes in your area.

In all circumstances:

- Do not dispose of power tools with domestic waste.
- Do not incinerate.
- Do not abandon in the environment.



Read the instructions.



Laser radiation.
Do not stare into beam.



Do not dispose of WEEE*
as unsorted municipal waste.



* Waste Electrical & Electronic Equipment.

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YOUR DRAPER STOCKIST

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