

Powerline

3D HYRBID Multi-line Laser



INSTRUCTION MANUAL

SAFETY

Please read this instruction manual before operating this product. Please store this instruction manual in the carry case for future reference.

**CAUTION: Class 2 Laser Product
(Red Laser Beams)**

**CAUTION: Class 3 Laser Product
(Green Laser Beam)**

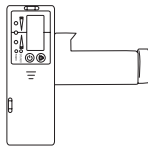
Do not stare directly into the laser beam from apertures.

Do not disassemble the instrument or attempt to perform any internal servicing as this will void your warranty. No user serviceable parts included.

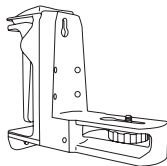
Only approved and authorised service technicians can carry out warranty repairs.

ITEM CHECKLIST

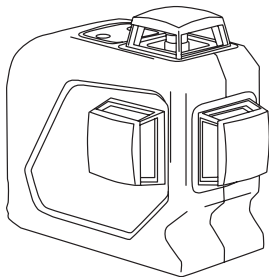
Please ensure the following items are included with your laser. If anything is missing please contact your retailer.



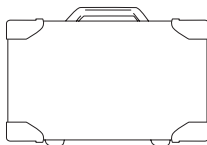
Detector and clamp



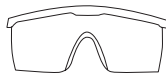
Wall mount



Powerline 3D HYBRID



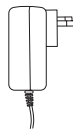
Carry case



Laser glasses



Laser target



Power adaptor



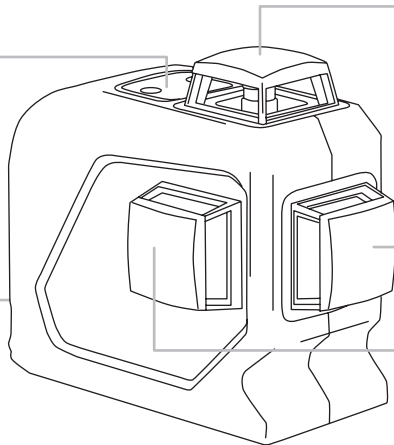
Batteries

PRODUCT OVERVIEW

Green horizontal laser port (x1)

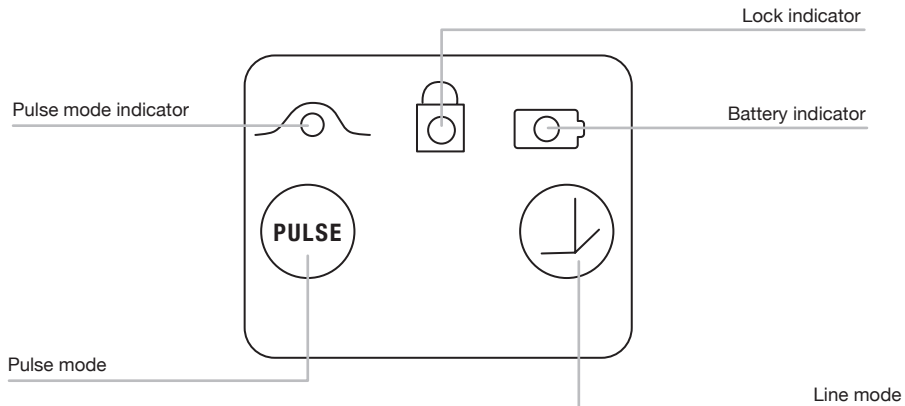
Control panel

Power / locking switch



Red vertical laser ports (x2)

CONTROL PANEL

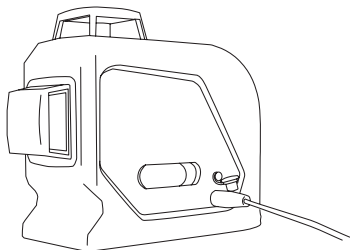


POWERING YOUR LASER

BATTERIES

The 3D HYBRID can be powered by four AA alkaline batteries or Ni-Mh rechargeable batteries.

Please note: rechargeable batteries are unable to be charged through the power adaptor.



POWER ADAPTOR

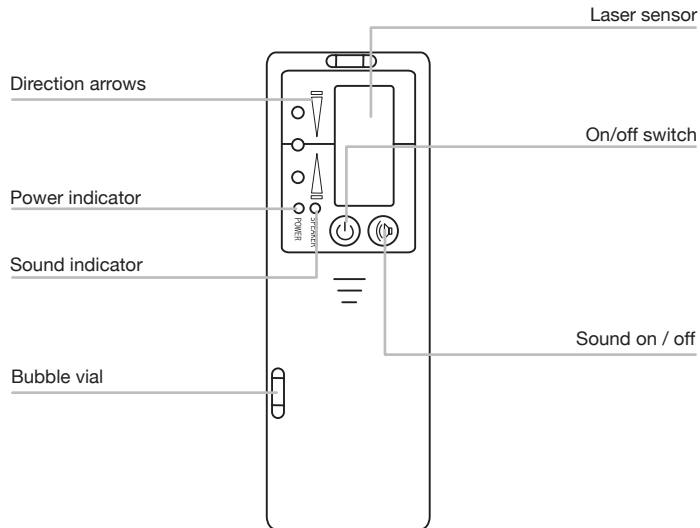
The 3D HYBRID can also be powered using the supplied power adaptor.

Please note: only the official power adaptor can be connected to this unit. Using any other power adaptor may cause damage and void the warranty.

SET-UP AND OPERATION

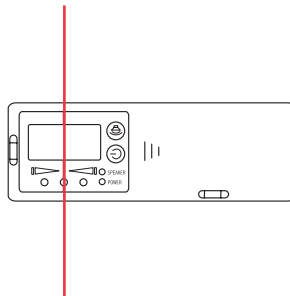
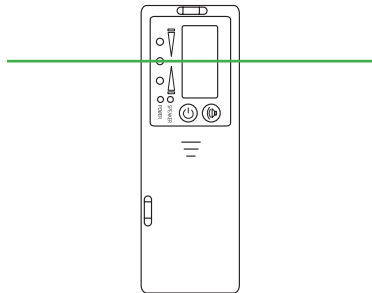
- ▶ Select a place as close as practical to the work site. Ensure the location is clear of traffic.
- ▶ Place the laser on a level surface such as a bench or mount. (See page 10-12 for instructions on using the magnetic wall mount)
- ▶ To turn the unit on, slide the *power* switch to “on” position. Self levelling will commence and the 360° horizontal beam will appear.
- ▶ If the unit is outside the self levelling range the unit will not level causing the speaker to beep and the laser beam to turn off.
- ▶ Press the line mode button on the control panel to cycle through the active beams.

DETECTOR CONTROL PANEL

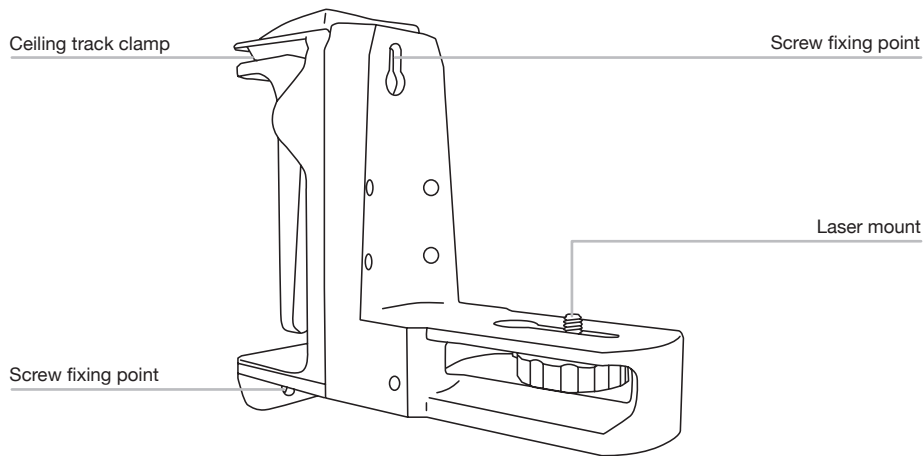


USING YOUR DETECTOR

- ▶ Press the *pulse* button on the control panel on top of the laser to enter into pulse mode.
- ▶ Switch the detector on and move it into the path of the laser beam.
- ▶ Hold the detector upright for horizontal beams. Rotate the detector 90° for vertical beams. The direction arrows will indicate the position of the laser beam. The centre LED will indicate alignment with the beam.



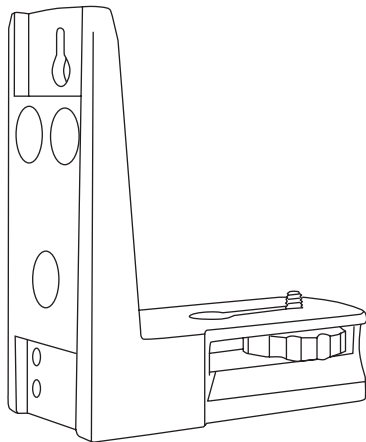
MAGNETIC WALL MOUNT



USING THE MAGNETIC WALL MOUNT

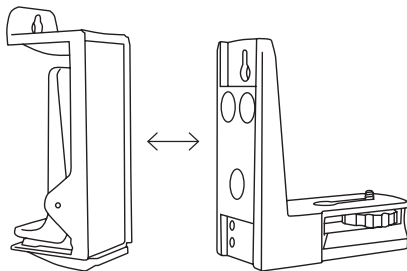
MAGNETIC / SCREW MOUNTING

- ▶ The magnetic laser mount front section can be directly attached to a metal surface.
- ▶ The mount can also be screwed into a wooden surface.



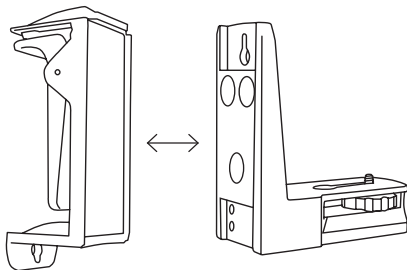
SCREW MOUNTING WITH HEIGHT ADJUSTMENT

- ▶ Attach the two magnetic backs together with the screw fixing point upright.
- ▶ The mount can now be screwed into a wooden surface.
- ▶ Carefully slide the magnetic laser mount front section up or down to adjust the laser height as required.



CEILING TRACK CLAMP WITH HEIGHT ADJUSTMENT

- ▶ Attach the two magnetic backs together with the ceiling track clamp upright.
- ▶ The mount can now be clamped onto a ceiling track.
- ▶ Carefully slide the magnetic laser mount front section up or down to adjust the laser height as required.



CARE AND MAINTENANCE

- ▶ Reflective surfaces such as glass may reflect the beam, causing two beams to strike the detector at the same time. This may create inaccurate reference points.
- ▶ This is a precision instrument and should always be transported within the carry case provided.
- ▶ Always turn the on/off lock to “off” when transporting the unit.
- ▶ Whenever possible, store the instrument in a dry, shady location.
- ▶ The 3D HYBRID should be calibrated every 6 months, if ongoing accurate levelling is required or an impact has occurred.
- ▶ The operator should check the 3D HYBRID for accuracy before precision levelling is attempted.
- ▶ Clean the instrument with a dry, soft cloth after use in dusty, damp or wet conditions before storing.
- ▶ Smudges and fingerprints may be removed with a damp tissue or a soft, lint-free cloth.

WARRANTY

The Powerline 3D HYBRID comes with a 3 year manufacturers warranty.

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.

Separate to the above Australia Consumer Law, *Spot-on* offers a global warranty.

30 Day Free Service

If your laser is out of calibration within the first 30 days of purchase you are entitled to a free calibration adjustment. For more information please contact your retailer or *Spot-on*.

Customer Support

To assist you with any queries or technical questions please contact the customer support line: 1300 658 338

SPECIFICATIONS

Specifications	Powerline 3D HYBRID
Product code	50064
Warranty	3 Years
Accuracy	$\pm 1.5\text{mm}$ at 10m
Range	60m (with detector)
Levelling range	$\pm 4^\circ$
Laser class	2 Red / 3 Green
Battery life	8 hours
Battery type	4x AA
Vertical lines	2
Horizontal lines	1
IP rating	54
Weight (kg)	0.90
Dimensions (mm)	128x160x85

Available from



www.potters.co.nz
0800 POTTERS | info@potters.co.nz
Auckland, Wellington + Christchurch

