

Powerline

APLG Green Pipe Laser



INSTRUCTION MANUAL

SAFETY

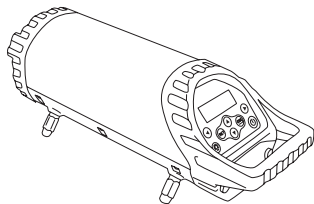
Please read this instruction manual before operating this product.
Please store this instruction manual in the carry case for future reference.

CAUTION: Class 3 Laser Product

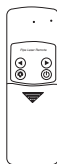
Do not stare directly into the laser beam from apertures.
Do not disassemble the instrument or attempt to perform any internal servicing as this will void your warranty. No user serviceable parts included.
Only approved and authorised service technicians can carry out warranty repairs.

ITEM CHECKLIST

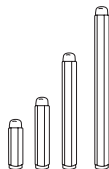
Please ensure the following items are included with your laser. If anything is missing please contact your retailer.



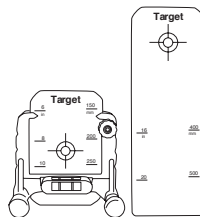
Powerline APLG



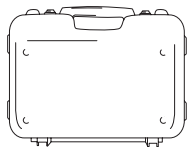
Remote control



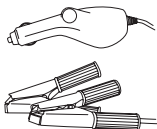
4x Sets of interchangeable feet



2x Adjustable laser targets



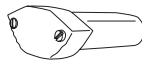
Carry case



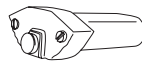
Car charger



Charger

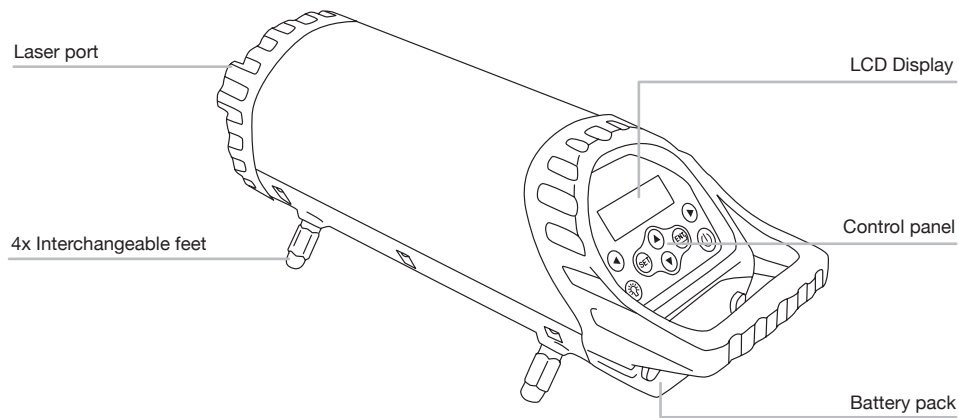


Alkaline battery pack

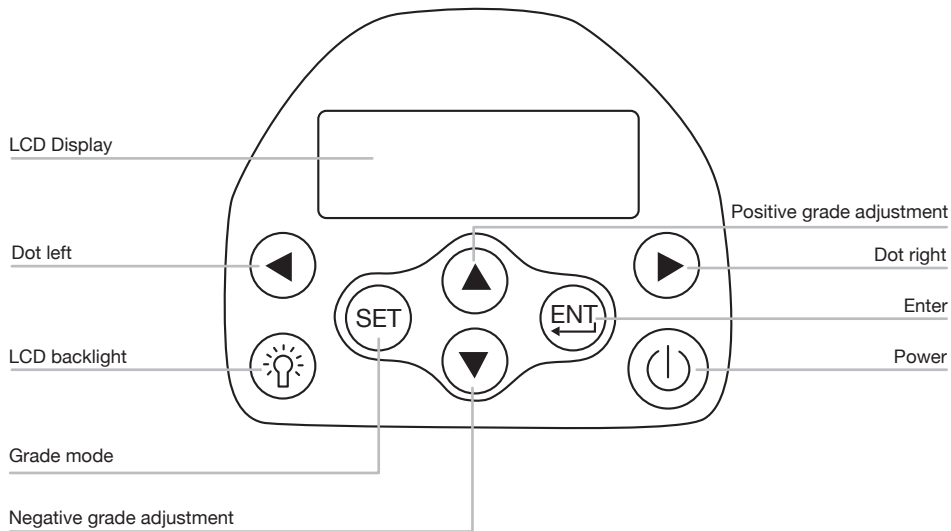


Rechargeable battery pack

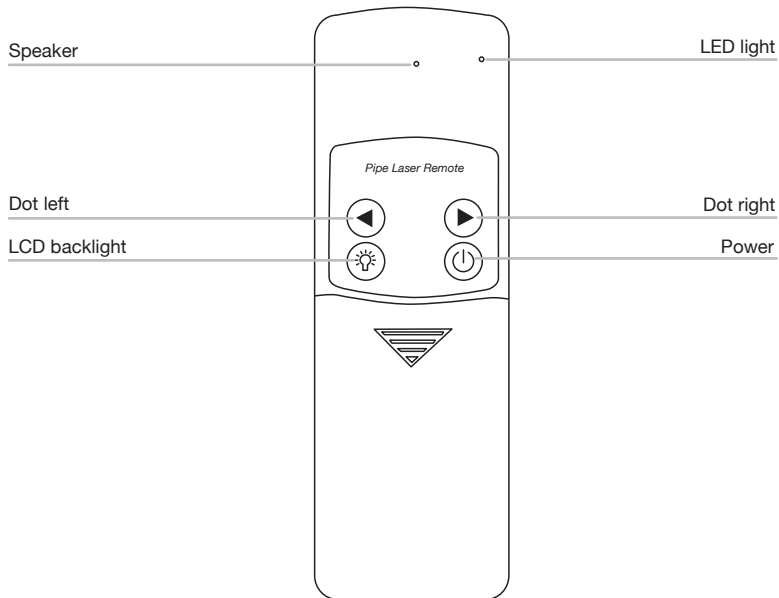
PRODUCT OVERVIEW



CONTROL PANEL



REMOTE CONTROL PANEL



USING YOUR LASER

Power Supply

- ▶ The Powerline APL pipe laser is supplied with a rechargeable Ni-MH battery pack that is located in the base of the unit. An alkaline battery pack is also supplied with four D batteries.
- ▶ It is recommended that the battery pack be completely charged before use.
- ▶ Charging time is approximately 5 hours.
- ▶ Use of the unit over time and changes in temperature may cause increases or decreases in charging and operation time.
- ▶ The power indicator light will flash when the battery is low. The unit should be re-charged as soon as possible. Alternatively, the alkaline batteries should be replaced.
- ▶ To charge the unit insert the charger into the port on the battery pack. Progress will be shown by the power indicator display on the charger as below:

Red (constant) = Battery is charging.

Green (constant) = Battery is charged.

Setting Up

- ▶ Select a place as close as practical to the work site.
Ensure the location is clear of traffic.
- ▶ Place the laser onto a level surface. Use the bubble vial on the LCD screen to level the unit.

Operation

- ▶ To turn the unit on press the *power* switch.
- ▶ Press and hold the *dot left* and *dot right* buttons simultaneously to centre the laser beam.
- ▶ Use the *dot left* and *dot right* buttons to adjust the beam as required.
The LCD screen will indicate the position of the beam. See diagram below:

* — — — — Laser dot is in the far left position

— * — — — Laser dot is in the left position

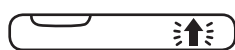
— — * — — Laser dot is centred

— — — * — Laser dot is in the right position

— — — — * Laser dot is in the far right position

Tilt Alarm

The unit may be levelled by using the bubble vial displayed on the LCD screen. See diagram below:



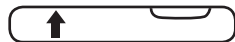
Flashing arrow indicates the left side of the laser is beyond the levelling range.



Laser is tilted left.



Laser is level.

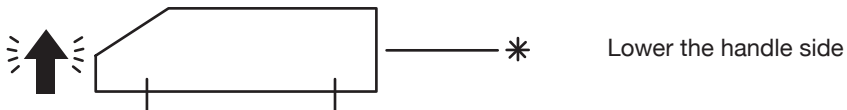


Laser is tilted right.

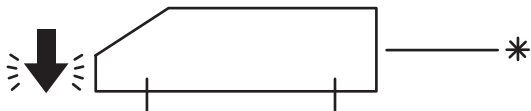


Flashing arrow indicates the right side of the laser is beyond the levelling range.

If the unit is tilted too far forward or backward an alarm will sound indicating adjustment is required. A diagram will also appear on the LCD screen as in the example below:



Lower the handle side



Raise the handle side

Setting Up Grades

- ▶ To create slopes and grades enter into grade mode by pressing the *grade mode (set)* button. +00.000% will be displayed on the screen.
- ▶ To set a grade press the *negative grade adjustment* or *positive grade adjustment* button to adjust the percentage required. Press and hold for faster adjustment.
- ▶ Press the *Enter* button to accept.

CARE AND MAINTENANCE

- ▶ This is a precision instrument and should always be transported within the carry case provided.
- ▶ Whenever possible, store the instrument in a dry, shady location.
- ▶ The APLG should be calibrated every 6 months, if ongoing accurate levelling is required or an impact has occurred.
- ▶ The operator should check the APLG for accuracy before precision levelling is attempted.
- ▶ The supplied charger is specific to this product. Do not purchase or use any other type of charger or power adaptor.
- ▶ 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 APLG 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 APLG |
|-----------------------|-----------------------|
| Product code | 50025G |
| Warranty | 3 Years |
| Accuracy | ±1mm at 20m |
| Range | 300m |
| Grade range | -20% +40% |
| Laser class | 3 Green |
| Battery life | 20 hours |
| Battery type | 4x C (sealed pack) |
| IP rating | 65 |
| Weight (kg) | 4.65 |
| Dimensions (mm) | 379x128x126 |

www.spoton.com.au

