INSTRUCTION MANUAL

SAFETY

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

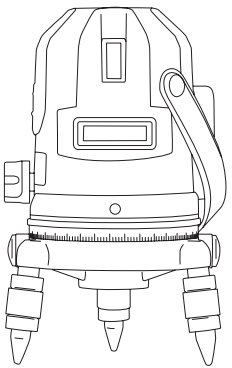
CAUTION: Class 3 Laser Product

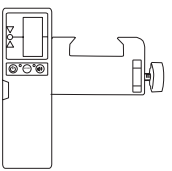
Do not stare directly into the laser beam from apertures.
Do not disassemble the instrument or attempt to perform any internal servicing as this will void your warranty. No user serviceable parts included.

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

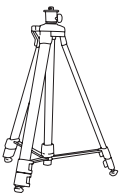
ITEM CHECKLIST

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

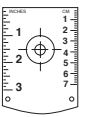




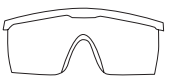
Detector and clamp



Indoor tripod

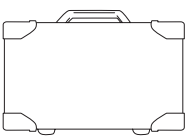


Laser target

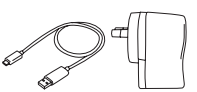


Laser glasses

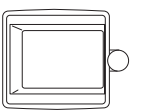
Tripod spacer



Carry case

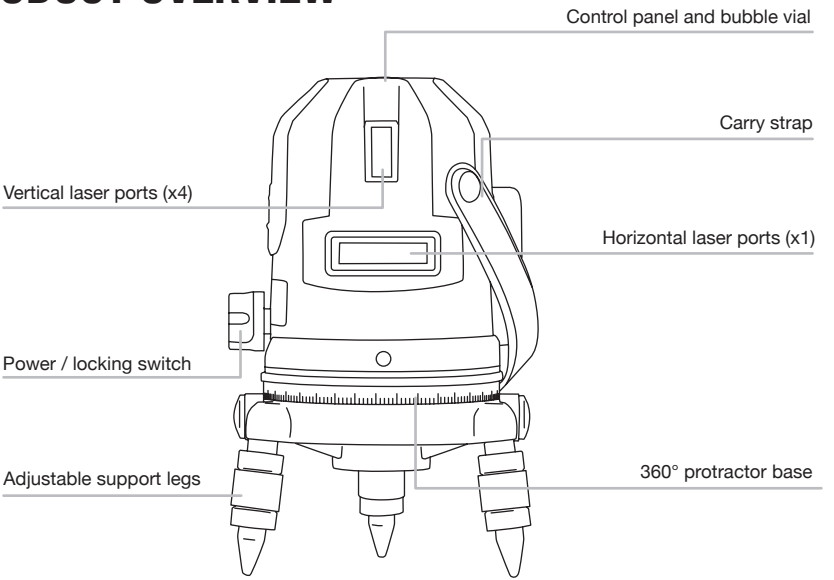


Charger

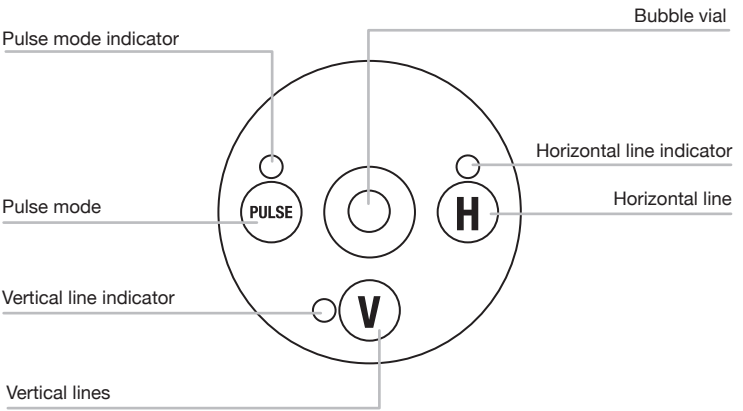


Battery pack

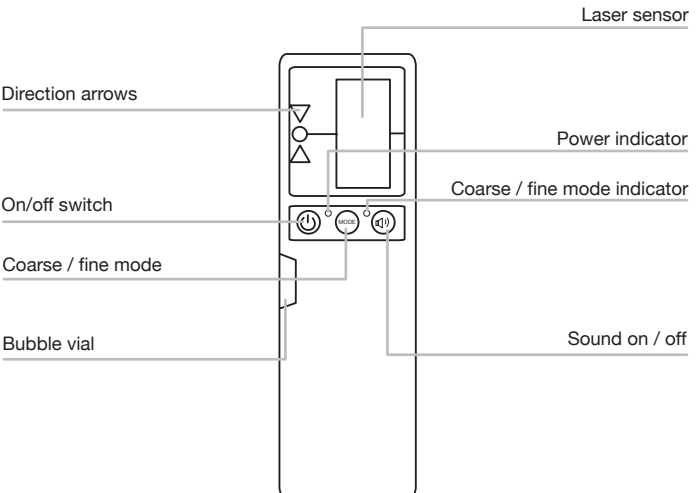
PRODUCT OVERVIEW



CONTROL PANEL



DETECTOR CONTROL PANEL



USING YOUR LASER

Power Supply

The XL2G is powered by a lithium-ion battery pack. To charge the battery pack connect the USB cable to the port located on the side of the battery pack.

Setting Up

- 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.

Operation

- Once the unit is approximately level, turn the *power* switch to "on" position. Self levelling will commence and the horizontal beam will appear.
- If the unit is outside the self levelling range the unit will make an audible beep and the beams will switch off.
- Press the *V* and *H* button on the control panel to cycle through the active beams.

USING A CONSTRUCTION TRIPOD

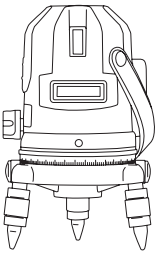
Instructions are for a domed or flat construction tripod only, and do not apply when using the indoor tripod supplied.

- Stand the tripod on a level surface with legs spaced for stability.
- Screw the tripod spacer into the base of the laser until firm.
- Push the yoke through the hole of the tripod spacer and screw into place.

See page 9 for illustration.

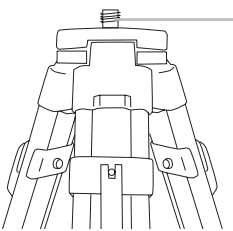
Please note: attaching a laser to a tripod without the correct tripod spacer may cause damage.

USING A CONSTRUCTION TRIPOD (DIAGRAM)



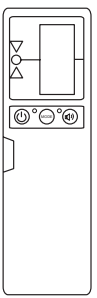
Tripod spacer

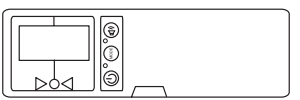
Tripod yoke



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.





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 unit off before transporting.
- Whenever possible, store the instrument in a dry, shady location.
- The XL2G should be calibrated every 6 months, if ongoing accurate levelling is required or an impact has occurred.
- The operator should check the XL2G 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.

SPECIFICATIONS

Specifications	
Accuracy	±2mm at 10m
Range	50m (detector)
Levelling range	±5°
Laser class	3 Green
Battery life	5 hours
Battery type	Lithium-ion (sealed pack)
Vertical lines	4
Horizontal lines	1
Weight (kg)	1.50
Dimensions (mm)	210x130x130