DaveBell™
ELECTRONIC EQUIPMENT LIMITED

Laser Square Liner (RAL150)

Congratulations on your choice of this DaveBell Laser Square Liner. For the purpose of long-term use of this instrument, we suggest you to read this instruction manual carefully before using it.

Contents

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1. Features and Functions

RAL150, a laser square liner, is designed especially for the indoor decoration, construction, and layout. It keeps the features of original square, simultaneously projects two laser lines at right angle, and obviously prolong the length of square. It is possible to move the lines at certain angles according to its scale, which saves time in angle measurement and marking, and improves the accuracy of square layout. This is an ideal tool for angle layout.

Features:

- Able to simultaneously project two laser lines, which form a 90°angle
- Metric, British scale and angle (0 - 90°) scale

2. User Safety

- Laser output sign is located near the output window.
- Do not stare into laser beam directly.
- Do not disassemble the instrument or attempt to perform any internal servicing. Repairs and servicing must be performed only by authorized service centers
- The instrument complies with the safety classification II standards of laser radiation.

3. Nomenclature

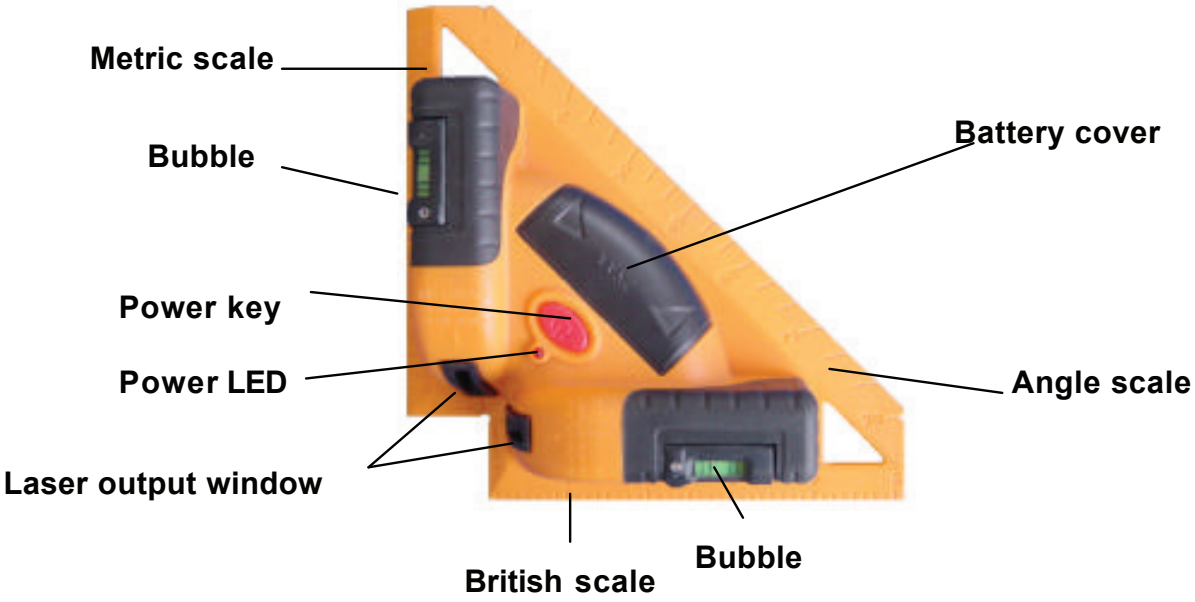


Figure 1

4. Operation Instructions

4.1 Battery Installation

Figure 2

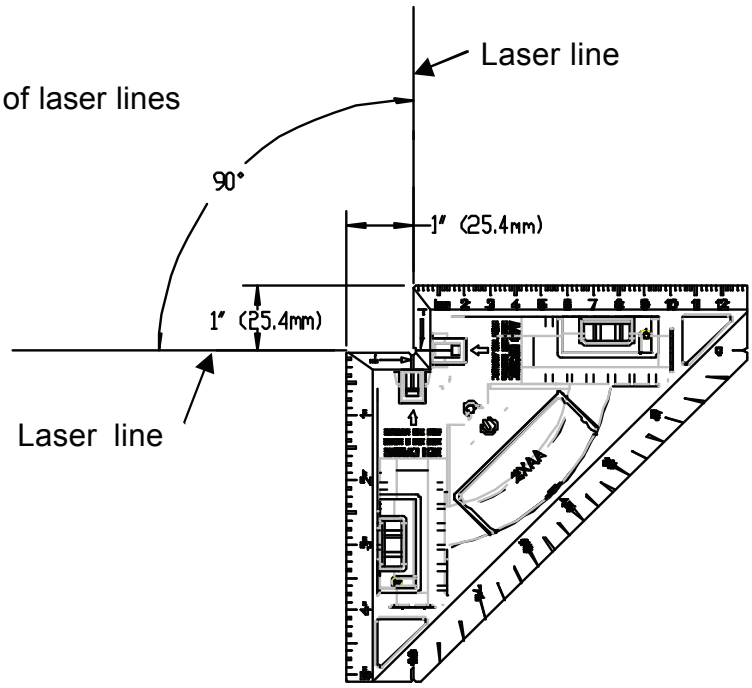
As shown in figure 2, open the battery cover and put into 2* AA alkaline batteries according to polarity requirement and then close the battery cover.

4.2 Power on/off

Press the red power key, the two laser output windows will simultaneously project one laser lines and the power LED will be lighted.

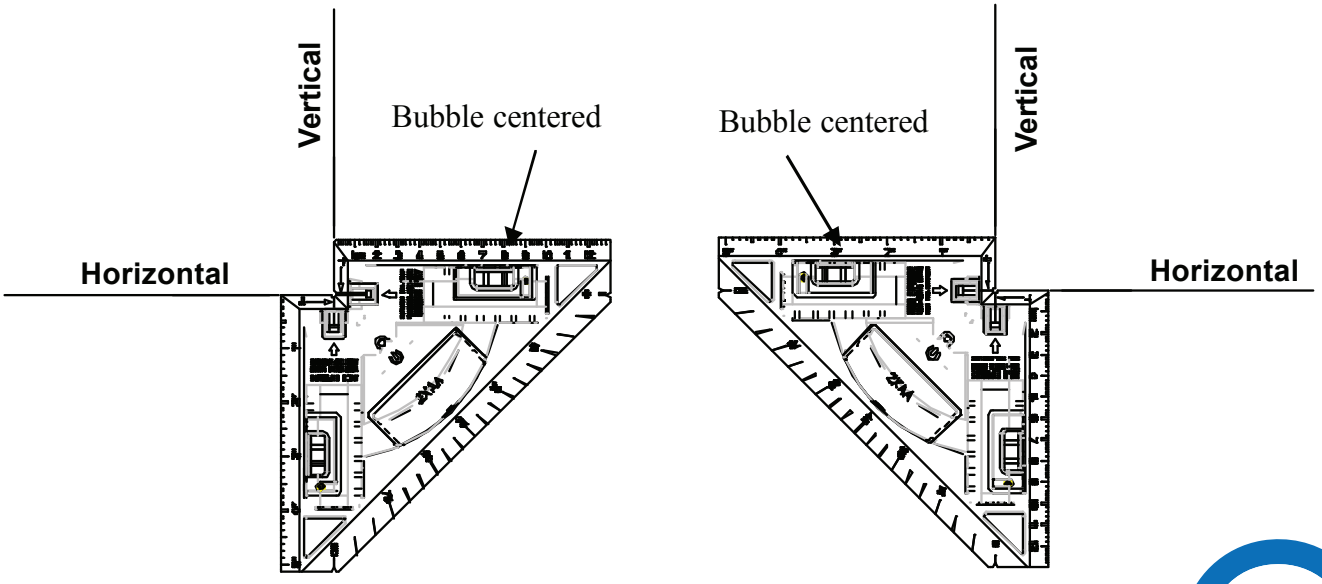
Press the power key again, laser output line is closed, and the power LED is extinguished at the same time.

4.3 Output form of laser lines

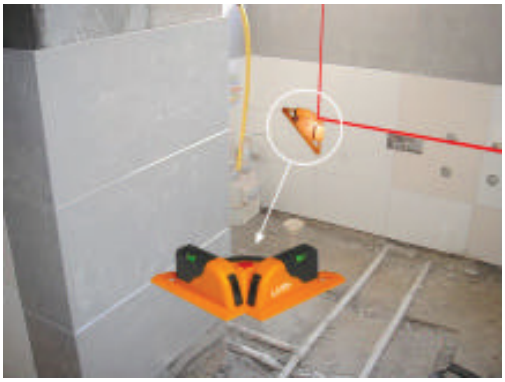


4.4 Usage for attaching the wall

As the picture shows, attach LS163III on the wall, adjust it to make the level vial centered, and now the laser lines on the wall is horizontal and vertical.



5. Application Methods



6. Technical Specifications

1. Wavelength: 650nm/635nm (according to customer's requirement)
2. Laser class: class Ⅱ
3. Accuracy: ±0.4mm/m
4. Working temperature: -10℃ ~+45℃
5. Power: 2* AA alkaline batteries
6. Size: 155× 155× 50mm
7. Weight: 0.25Kg

7. Maintenance

- The instrument cannot be watered or be caught in the rain.
- The instrument should be carefully operated and properly preserved, and any violent shock or drop will possibly result in the damage of instrument.
- The instrument should be kept in lock state before moving and transporting, avoid influencing the accuracy.
- Do not attempt to disassemble the instrument, and the unprofessional disassembly will result in the damage of the instrument.
- Keep the instrument clean, especially the laser output window glasses. If it is dusty, please clean it with soft cloth.
- Take the batteries out when the instrument is not in use for a long time, and keep the instrument in the carrying case when it is unused.