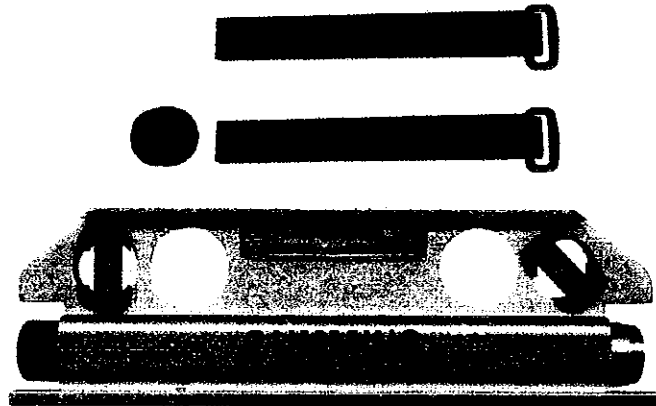




Laser Level 3 Vial

Model 2137

Assembly and Operating Instructions



Specifications

Construction:	Extruded & Machined Aluminum, Molded ABS & Acrylic ABS
Finish & Color:	Gold Aluminum, Black & Transparent ABS
Overall Dimension:	13/16" W x 7-1/8" L x 2-3/16" H
Maximum Laser Length:	1500 Feet
Laser Class	IIIA
Power Source:	(2) 1.5V AA Batteries
Approx. Battery Life:	20 Hours

Save This Manual

You will need the manual for the safety warnings and precautions, assembly instructions, operating and maintenance procedures, parts list and diagram. Keep your invoice with this manual. Write the invoice number on the inside of the front cover. Keep the manual and invoice in a safe and dry place for future reference.

Safety Warnings and Precautions

WARNING: When using tool, basic safety precautions should always be followed to reduce the risk of personal injury and damage to equipment.

Read all instructions before using this product!

1. **Avoid working alone.** If an accident occurs, an assistant can bring help.
2. **Keep work area clean.** Cluttered areas invite injuries.
3. **Observe work area conditions.** Don't expose to rain. Keep work area well lighted.
4. **Keep children away.** Children must never be allowed in the work area. Do not let them handle the Laser Level. It is not a toy.
5. **Store idle equipment.** When not in use, Laser must be stored in a dry location to inhibit rust. Always lock up Laser Level and keep out of reach of children.
6. **Use eye protection.** Always wear ANSI approved impact safety goggles; however, these will not protect eyes from exposure to Laser beam.
7. **Do not overreach.** Keep proper footing and balance at all times.
8. **Maintain tools with care.** Inspect Laser Level periodically and, if damaged, have it repaired by an authorized technician.
9. **Use the right Laser Level for the right job.** Do not attempt to force a small Laser Level to do the work of a larger industrial Laser Level. There are certain applications for which this Laser Level was designed. Do not modify this Laser Level and do not use this Laser Level for a purpose for which it was not intended.
10. **Stay alert.** Watch what you are doing, use common sense. Working when tired can result in accidents.

11. **Check for damaged parts.** Before using Laser Level, any part that appears damaged should be carefully checked to determine that it will operate properly and perform its intended function. Any part that is damaged should be properly repaired or replaced by a qualified technician. Do not use the tool if any button does not turn On and Off properly.
12. **Do not work when under the influence of alcohol or drugs.** Read warning labels on prescriptions to determine if your judgment or reflexes are impaired while taking drugs.

Warning! Potentially Harmful Radiation. Do not attempt to perform any maintenance procedures or adjustments to the Laser Level. Laser radiation is harmful to the eyes.

⚠ DANGER: Do not look directly into the Lens (#6). Never point the Laser at people or animals. Always avoid exposure from the Laser beam. The Lens (#6) emits harmful radiation.

Warning: The warnings, caution, and instructions discussed in this instruction manual cannot cover all possible conditions and situations that may occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product, but must be supplied by the operator.

Applications

The Laser Direct Beam allows you to direct a beam over a distance and the Beam Splitter (#3) allows you to mark straight lines unassisted, day or night.

Mark cutting lines on plywood or plasterboard when you do not have another measuring device to reach between two distant points.

Set guidelines for laying floor tile or any other flooring material.

Cover the distance across an entire roof line to draw lines for roofing materials.

Use two Lasers in tandem to intersect the beams and define angles where they intersect.

Operation

1. Install the two "AA" size batteries (#7). Note that total battery life is approximate 20 hours but life will vary from battery to battery. To install the batteries, unscrew the On/Off Button Screw Cap (#5) and insert 2 "AA" size batteries, replace the On/Off Button Screw Cap. Remove the batteries when not in use.
2. If desired, mount the Laser Level on a tripod. (not included)
3. If using the tripod, place the tripod at the working location and level out the Laser Level. Leveling is achieved when the bubble floats exactly between the black lines marked on the bubble vial. Out of level will show the bubble floating to the left or right side of the tube.

Operation (continued)

4. Point the Laser Level in the direction of the target and make any angle and level adjustments.
5. Push the Beam Splitter (#3) onto the Lens (#6) to mark straight lines over long distances.

WARNING: Avoid direct eye exposure to the laser light beam. The laser beam can be harmful to the eyes. Never point the laser beam at people or animals.

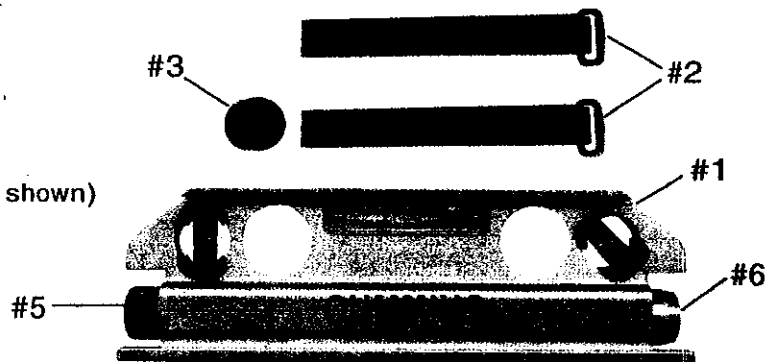
6. Press the red ON/OFF pushbutton on the On/Off Screw Cap (#5) to turn on the Laser Level.
7. Press the red ON/OFF pushbutton again to turn off.
8. The Hook and Loop Tie Down Straps (#2) can be used to better stabilize the Laser Level to a tripod.

Maintenance

1. Store in a clean and dry location.
2. Remove the batteries if the unit is to be stored for more than a month.
3. Periodically clean with a damp cloth.

Parts List

Item	Description
#1	Laser Level with 3 Vials
#2	Hook & Loop Tie Down Straps
#3	Beam Splitter
#4	Blow Molded Carrying Case (Not shown)
#5	On/Off Button Screw Cap
#6	Lens
#7	2 AA Batteries (Not shown)



Note: Some parts are listed and shown for illustration purposes only and are not available individually as replacement parts.

PLEASE READ THE FOLLOWING CAREFULLY

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