

# ***HOT SHOT***<sup>®</sup>

**ROTARY LASER LEVEL KIT**  
Model No. 40-0917

## **ASSEMBLY AND OPERATING MANUAL**



**JT** **JOHNSON**<sup>®</sup>  
**LEVEL & TOOL**

## **ABOUT THIS PRODUCT**

The Johnson Rotary Laser Level is an instrument utilizing a laser beam to plot distant points or a continuous horizontal line. The device incorporates a built-in rotary unit with a speed control knob, three (3) leveling vials, three (3) leveling screws, plus an adjusting base designed for both tripod- and wall-mounting. The lightweight, yet sturdy tripod allows the laser beam to be set to the required height. This level may be used for measuring in indoor and outdoor settings. It can be used either with or without the tripod (included).

### **KIT INCLUDES:**

- Rotary level
- Built-in adjusting base and brackets
- Telescoping tripod
- Tinted goggles
- 4 x AA batteries

### **ATTENTION!**



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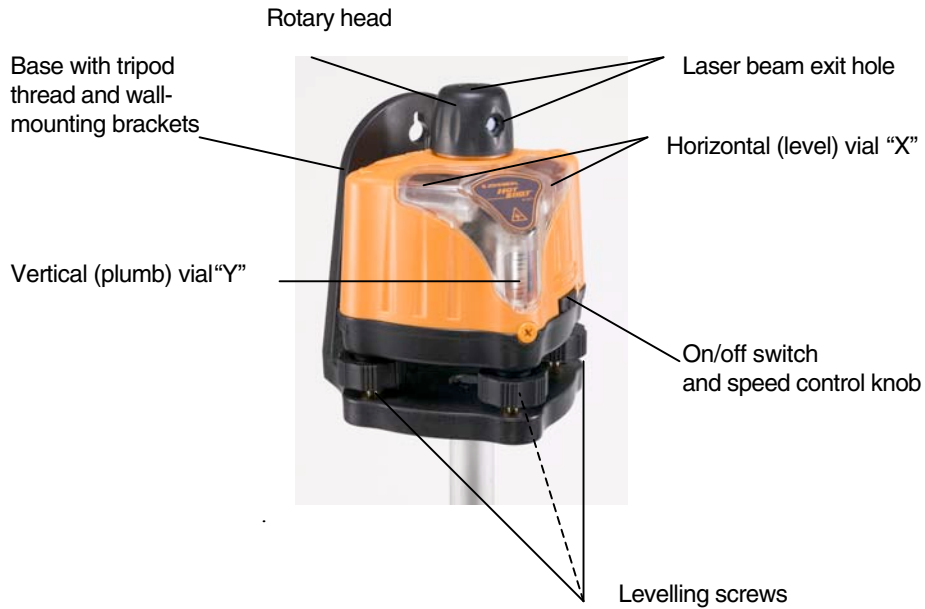
- **Never look into the laser beam with naked eyes. Any improper use may cause injury to the eyes.**
- **Do not direct the laser beam on person or reflective surfaces. Even a laser of minor capacity may cause injury to the eyes.**
- **A laser is not a toy and must be stored out of children's reach.**
- **Any manipulation that results in an increased performance of the laser is strictly prohibited. Any claim for damages will be refused for injuries resulting from the non-compliance of these safety instructions.**
- **If laser level has not been used longer than three months, please remove the batteries in order to avoid damage due to leakage.**
- **This laser level does not contain any serviceable parts. Never open the housing, as this will void the warranty.**

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**LOCATION / CONTENT OF WARNING LABELS**



## LOCATION OF PARTS / COMPONENTS



## TECHNICAL SPECIFICATIONS

<b>Class of laser:</b>	IIIa (class 3 protection)
<b>Maximum power output:</b>	5mW
<b>Measuring range:</b>	30m – 100m (100 ft. – 330ft.) of visible light, depending on illumination of work area
<b>Rotation speed:</b>	0 – 600 rpm
<b>Wavelength:</b>	650nm $\pm$ 10nm
<b>Measuring accuracy:</b>	$\pm$ 0.3mm/m (1/8" at 30 ft.)
<b>Power supply:</b>	4 x AA batteries

### WARNING!

**DO NOT LOOK DIRECTLY INTO THE LIGHT BEAM.  
DO NOT AIM LIGHT BEAM DIRECTLY INTO EYES.  
THIS WILL DAMAGE THE EYES.**



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## **SAFETY INSTRUCTIONS**

Please read and understand all the following instructions prior to using this laser tool. Failure to follow all the warnings below may result in bodily injury.

**IMPORTANT:** Read all instructions prior to operating this laser tool and **DO NOT** remove any labels from the tool.

- Use of controls or performance of procedures other than those specified herein may result in hazardous radiation exposure.
- Do not stare directly at the laser beam.
- Do not project the laser beam directly into the eyes of others.
- Do not set up the laser tool at eye level or operate the tool on or near a reflective surface, as the laser beam could be projected into your eyes or the eyes of others.
- Do not place the laser tool in a manner that may cause someone to unintentionally look into the laser beam. Serious eye injury may result.
- Do not operate the laser tool in explosive environments, i.e. in the presence of gases or flammable liquids.
- Keep the laser tool out of reach of children and other untrained persons.
- Do not attempt to view the laser beam through optical tools such as telescopes as serious eye injury may result.
- Always turn the laser tool off when it is not in use or is left unattended for a period of time. Remove the batteries when storing the tool for an extended time to avoid damage to the tool should the batteries deteriorate.
- Do not attempt to repair or disassemble the laser tool. Unqualified persons attempting to repair the tool may result in serious injury.

## **WARNING**

**The tinted goggles are designed to enhance the visibility of the laser beam. They DO NOT offer protection to the eyes from direct exposure of the laser beam.**

## **CHANGING BATTERIES AND ACTIVATING LASER BEAM**

Unscrew the cover on the back top of the unit and insert four (4) AA batteries (included). To turn on, rotate the on/off switch in the direction indicated by the arrow. Turning the knob will increase or decrease the rotation speed.

**Please Note:** Used/discharged batteries are hazardous waste and must be disposed of properly.

## **ASSEMBLY AND ADJUSTMENT**

Open up the tripod and position it firmly on a surface that is even and as near level as possible. For uneven surfaces and inclines, compensate by adjusting the telescoping legs of the tripod.

Tightly screw the unit and tripod together.

Bring the unit into a level position by means of the three (3) adjusting screws and the three (3) built-in vials.

The rotary laser can be used either with the tripod or independently.

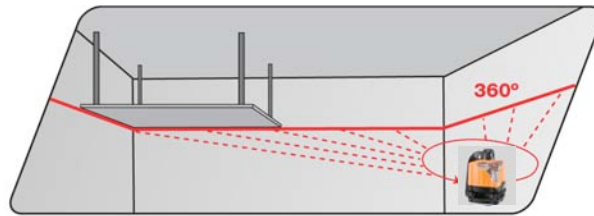
## **PREPARING FOR USE**

To obtain accurate measures, use the leveling screws found on the mounting base and ensure that the bubble in each vial is perfectly centered. Utilize the speed control knob to create a single laser point or an intermittent line or a continuous line.

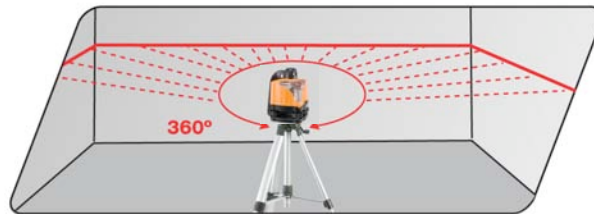
**Caution:** Due to the 360° rotating feature of the laser beam, extra care must be taken to avoid direct contact with the eyes.

## TYPICAL APPLICATIONS

Installing drop ceilings



Installing mouldings



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**GUARANTEE STATEMENT**

The Johnson Laser Level is guaranteed against all defects in construction and material for a period of one year. This guarantee is limited to the replacement of defective parts upon presentation of the sales slip. This guarantee is not applicable in the event of, but not limited to, damage due to misuse by failing to heed the instructions presented herein, of unauthorized manipulation of the level and its attachments, or upon negligence of the purchaser/user.

CLASS IIIa LASER



LASER DE  
CLASSE IIIa

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