



Laser level

 **RGK** **LP-62**
LP-64
LP-62G
LP-64G

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Warning

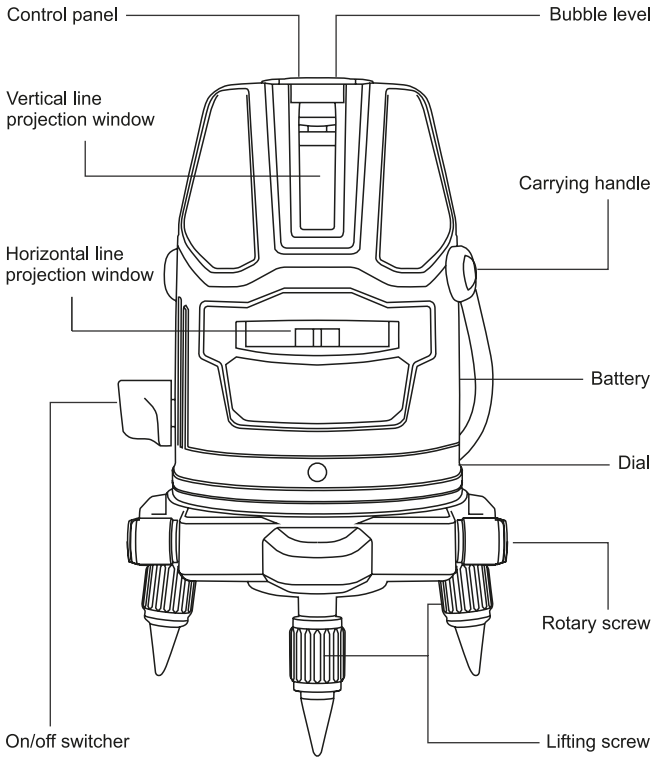
The RGK laser level uses a laser light source. Do not direct the laser beam into your eyes, as this may result in injury. Observe the rules of care and operation, do not disassemble, repair, or modify the device - this may lead to the device failure.

Attention:

Batteries can leak and damage the instrument, or even explode and cause a fire. To reduce this risk, read the information on the batteries and observe the following guidelines:

- note the polarity;
- replace all batteries at once with new ones;
- do not allow short circuits in the battery compartment;
- do not recharge non-rechargeable batteries;
- do not use old and new batteries together;
- do not use different type batteries together;
- do not leave batteries inside the device if it is not used for a long time;
- do not give batteries to children and animals;
- do not dispose of batteries in fire;
- Do not dispose of batteries with household waste, recycle them according to local regulations.

Level components



Device specifications

	RGK LP-62	RGK LP-62G	RGK LP-64	RGK LP-64G
Laser line colour	red	green	red	green
Number of vertical lines	2	2	4	4
Accuracy	±1mm/5m			
Auto leveling range	±4°			
Working distance (radius)	20 m	30 m	20 m	30 m
Wavelength	635 nm	532 nm	635 nm	532 nm
Leveling system	pendulum			
Laser class	2M			
Power supply	AA batteries * 3			
Working temperature range	from -10° to + 45° C			
Moisture protection	IP54			
Dimensions	Ø150x190 mm			
Weight	1,1 kg			

Purpose of the device

The RGK LP laser level is a modern tool for marking work. It is designed to build horizontal and vertical lines to check horizontal and vertical surfaces, as well as to transfer heights and apply markings.

The device automatically aligns to the horizon, can draw inclined lines and projects bright marker points on the cross-hairs and on vertical planes to improve the visibility of the beam.

The device is equipped with a closer for fine adjustment of the position of vertical lines and a laser plummet.

The device is successfully used in the following works:

- alignment of walls, ceilings, floors;
- pouring floors, foundations, leveling sites;
- tiling and facing works;
- installation of suspended ceilings;
- installation work;
- interior work.

Installing batteries

- open the battery compartment cover;
- insert 3 AA batteries/accumulator, observing the polarity;
- replace the cover until it clicks into place.

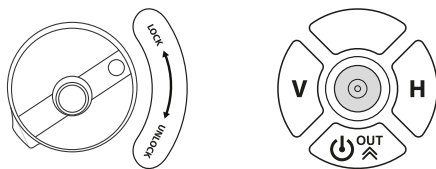
RGK instruments are factory calibrated, underwent pre-sale preparation, and tested for accuracy. However, we recommend that you carry out periodic verification.

If the device has been dropped, stored unused for a long time, transported over long distances, or subjected to shock, we recommend that you carry out verification in the manner described below. If the accuracy is unsatisfactory, do not try to calibrate the device yourself, but contact the service center.

Work process

Place the device straight and use the set screws to center the level.

Press the power button of the device, a horizontal line will appear, and the device will automatically compensate.



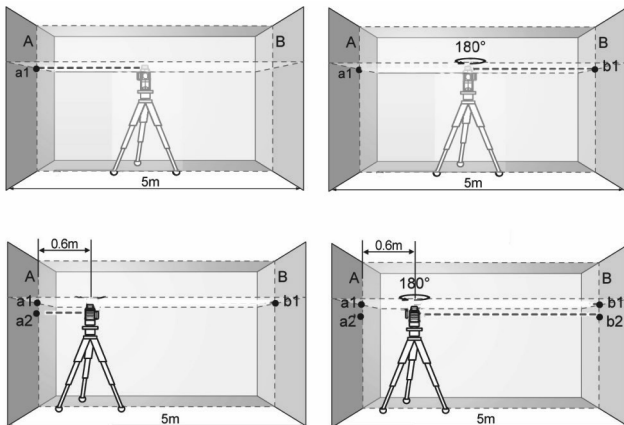
The H key controls the enabling/disabling of the horizontal line. The V key is responsible for turning on/off the vertical line, pressing it again turns on the second (for LP-62), third and fourth (for LP-64) vertical lines. The laser plummet turns on when the V button is pressed. To work with inclined planes with the device turned off, press the OUT button, and turn the toggle switch.

Level accuracy check

Horizontal line accuracy check

Find a room with a distance of 5 meters between the walls. Place the device on a tripod in the middle between the walls. Turn on the horizontal beam and point it at the wall and mark point a1 on wall A.

Turn the device 180 ° and mark point b1 on wall B. Move the tripod with the device so that it is at a distance of 60 cm from wall A, re-mark points a2 and b2. Measure the distance between a1 and a2 and between b1 and b2. If the difference $(a2-a1) - (b2-b1) > 1.5 \text{ mm}$, contact the service center.



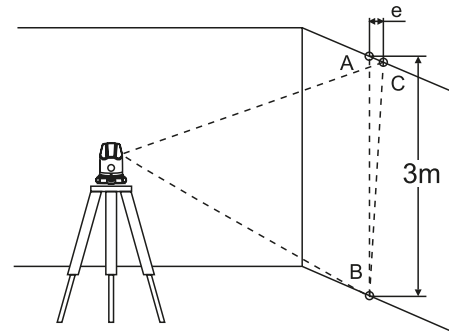
Vertical line accuracy check

Set up the device on a tripod a few meters away from the wall.

Mark point A on the wall at a height of 3 m from the floor. Using a plumb line from point A on the floor, mark point B.

Turn on the instrument and align the vertical laser line with point B. At a height of 3 m from the floor, mark point C on the laser line.

Measure the distance e from point A to point C. If $e > 1$ mm, contact the service center.



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