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SELF-LEVELING LASER LEVEL POWX720

1 APPLICATION

This self leveling laser level can be used to check whether objects and surfaces are horizontally or/and vertically correct.
It is not designed for commercial use or outdoor use.



WARNING! Read this manual and general safety instructions carefully before using the appliance, for your own safety. Your power tool should only be passed on together with these instructions.

2 DESCRIPTION

- | | |
|--|--------------------------------|
| 1. Laser beam (NEVER Stare into the Laser) | 6. 360° rotating base |
| 2. Horizontal laser Button | 7. Bubble level |
| 3. Vertical laser Button | 8. Tripod |
| 4. Pendulum Lock/Unlock | 9. Height adjustment lever |
| 5. Wall bracket | 10. Tripod securing clips |
| | 11. Center pole locking collar |

3 PACKAGE CONTENT LIST

- Remove all packing materials
- Remove remaining packaging and transit supports (if existing)
- Check the completeness of the packing content
- Check the appliance, the power cord, the power plug and all accessories for transportation damages.
- Keep the packaging materials as far as possible till the end of the warranty period. Dispose it into your local waste disposal system afterwards.



WARNING Packing materials are no toys! Children must not play with plastic bags! Danger of suffocation!

BMC containing :

- | | |
|-------------------------------|------------------------|
| 1 x Self leveling laser level | 1 x 360° rotating base |
| 1 x Tripod | 1 x Manual |
| 1 x Wall bracket | 2 x 1.5V AA batteries |



When parts are missing or damaged, please contact your dealer.

4 SYMBOLS

In this manual and/or on the machine the following symbols are used:

	Warning / Danger		Attention Laser radiation! Do not look into the beam. Laser class 2
	Read manual before usage		In accordance with essential requirements of the European directive(s)

5 GENERAL POWER TOOL SAFETY WARNINGS

Read all safety warnings and all instructions. Failure to follow all warnings and instructions may result in electric shock, fire and/or serious injury. Save all warnings and instructions for future reference. The term "power tool" in the warnings refers to your mains operated (corded) power tool or battery operated (cordless) power tool.

5.1 Work area

- Keep work area clean and well lit. Cluttered and dark areas invite accidents.
- Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust. Power tools create sparks which may ignite the dust or fumes.
- Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.

5.2 Electrical safety

- Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools. Unmodified plugs and matching outlets will reduce risk of electric shock.
- Avoid body contact with earthed or grounded surfaces such as pipes, radiators, ranges and refrigerators. There is an increased risk of electric shock if your body is earthed or grounded.
- Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.
- Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts. Damaged or entangled cords increase the risk of electric shock.
- When operating a power tool outdoors, use an extension cord suitable for outdoor use. Use of a cord suitable for outdoor use reduces the risk of electric shock.
- If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply. Use of an RCD reduces the risk of electric shock.

5.3 Personal safety

- Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication. A moment of inattention while operating power tools may result in serious personal injury.
- Use safety equipment. Always wear eye protection. Safety equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used whenever conditions require will reduce personal injuries.
- Avoid accidental starting. Ensure the switch is in the off position before plugging in. Carrying power tools with your finger on the switch or plugging in power tools that have the switch on invites accidents.
- Remove any adjusting key or wrench before turning the power tool on. A wrench or a key left attached to a rotating part of the power tool may result in personal injury.
- Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.
- Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewellery or long hair can be caught in moving parts.
- If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used. Use of these devices can reduce dust related hazards.

5.4 **Power tool use and care**

- Do not force the power tool. Use the correct power tool for your application. The correct power tool will do the job better and safer at the rate for which it was designed.
- Do not use the power tool if the switch does not turn it on and off. Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
- Disconnect the plug from the power source before making any adjustments, changing accessories, or storing power tools. Such preventive safety measures reduce the risk of starting the power tool accidentally.
- Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool. Power tools are dangerous in the hands of untrained users.
- Maintain power tools. Check for misalignment or sticking of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.
- Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to stick and are easier to control.
- Use the power tool, accessories and tool bits etc., in accordance with these instructions and in the manner intended for the particular type of power tool, taking into account the working conditions and the work to be performed. Use of the power tool for operations different from intended could lead to a hazardous situation.

5.5 **Service**

- Have your power tool serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the power tool is maintained.

6 **ADDITIONAL SAFETY INSTRUCTIONS FOR LASERS**

- Warning! The laser beam potentially causes severe eye damage. Never look or stare directly into the laser beam.
- During use, do not point the laser beam at people, directly or indirectly through reflecting surfaces.
- This laser complies with class 2 according to EN 60825-1:2001. The unit includes no servicing components. Do not open the housing for any reason. If the unit is damaged, have the damage repaired by an authorized repair agent.

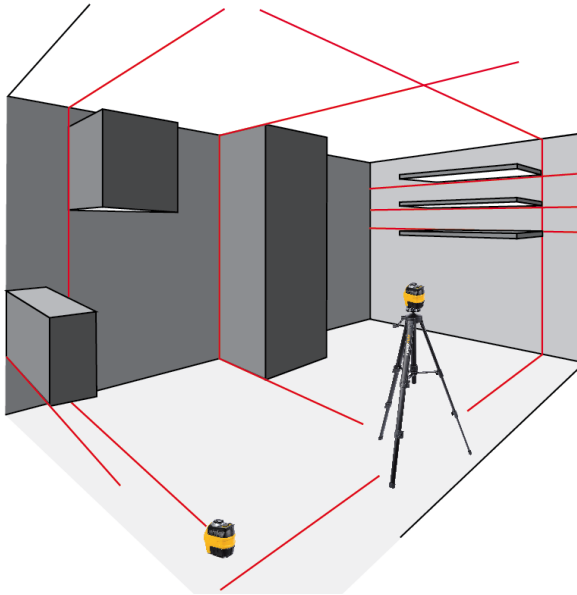
7 **ADDITIONAL SAFETY INSTRUCTIONS FOR BATTERIES**

- When replacing batteries, always replace the complete set. Do not mix old batteries with new ones.
- Prevent removed batteries from short circuiting.
- Do not store batteries where the temperature may rise above 50 °C, e.g. in a car which has been parked in the sun.
- Do not burn batteries.
- Never attempt to open batteries.
- In case of battery leakage, carefully remove the liquid using a cloth. Avoid skin or eye contact. Do not swallow. In case of skin or eye contact, rinse abundantly for 10 minutes with clean water and consult a physician.

8 USE

8.1 Laser level options

The Self-Adjusting Laser Level can be used with the Tripod, with the wall bracket or on its' own. To determine which is the best method for you, read the following instructions.



8.2 Laser level features

Please read all instructions before using the Laser Level or any of its components.



WARNING: DO NOT stare into the laser beam. NEVER point the laser beam at anyone's face.

1. The Self-Adjusting Laser Level projects bright, accurate laser beams in three different ways:
 - Horizontal (Level) Beam
 - Vertical (Plumb) Beam
 - Cross Hair (Both Horizontal and Vertical) Beam
2. The Laser Level is equipped with a locking switch for the inner pendulum. ALWAYS keep the switch in the “LOCK” position when traveling or when not in use. This protects the inner pendulum from damage.
3. Always make sure the bubble is in the center of the bubble level.
4. The Laser Level also includes a marked 360° rotating base for incremental movement. It can be installed on the tripod or bracket.
5. The laser level has a beeping alarm function to warn for out of leveling angle (+6°), you can solve this by adjusting the tripod or bracket height.

8.3 Using the laser level

8.3.1 Using the wall bracket



This is ideal for laying floor tiles.

- Screw the magnetic screw completely into the housing.
- Attach the marked 360° rotating base.
- Attach the wall bracket with the bould to the 360° rotating base.
- You can attach the wall bracket with laser level to the wall.

8.3.2 Using the tripod



The included Tripod allows the Laser Level to be adjusted from 475mm from the floor to approx. 1240mm when completely extended. This is ideal for hanging pictures, wallpaper, chair rail, windows, etc.

1. To set up the Tripod Base, simply pull the legs outward. Secure the Tripod legs by tightening the Center Pole Locking Collar. At its' lowest setting, the Tripod raises the Laser Level up to 475mm from the floor.
2. Attach the Laser Level with the 360° rotating base attached to the Tripod by screwing it on to the Tripod Neck.
3. To extend the legs of the Tripod, release one or both clamps on each leg and lengthen them by pulling to the desired height. Secure the legs in their expanded position by closing the leg clamps. For additional extension, loosen the small black knob on the side of the Tripod and turn the handle clockwise to raise the tripod neck. Secure the Tripod Neck at the desired height by tightening the small black knob. At its highest setting the Tripod raises the Laser Level to approx. 1240mm from the floor.
4. Make sure the Tripod is set on relatively level surface. If the surface is extremely uneven, adjust the tripod legs and the screws on the laser level base to create a relatively level surface.



Note: The Self-Leveling Feature will compensate for $\pm 6^\circ$

8.4 Battery replacement

The Self-Adjusting Laser Level includes 2 AA' Batteries when purchased. It is important to replace the batteries if you notice the Laser is not working or becoming dim.

1. Locate the battery compartment on the bottom of the Laser Level.
2. Open the compartment cover.
3. Remove old batteries and replace with 2 working AA' Batteries in the correct + and – positions.

9 MAINTENANCE AND STORAGE

To ensure a long working life for the Self-Adjusting Laser Level and components, be sure to follow all instructions regarding proper Safety, Maintenance, and Storage.

- Use only mild soap and a damp cloth to clean the tool.
- Never let any liquid get inside the tool.
- Never immerse any part of the tool in liquid.
- When not in use, store the Self-Adjusting Laser Level and all components in the included Blow Molded Case. Using the case for storage will help protect the Laser Level and components from damage. Store in a cool, dry place away from extremes in heat or cold.
- Always keep the Pendulum Locking Switch in the “LOCK” position when in storage or not in use to prevent damage to the Pendulum.

10 TECHNICAL DATA

Type	POWX720
Horizontal Accuracy	± 2mm/m
Vertical Accuracy	± 2mm/m
Wavelength of laser	650nm
Power of laser	≤ 1mW
Self leveling scope	± 6°
Laser class	II
Self leveling speed	≤ 7sec
Power supply	2 x AA batteries 1.5V
Operative distance	≤ 10m
Spread angle	≤ 90°

11 ENVIRONMENT



Should your appliance need replacement after extended use, do not discard it with the household rubbish but dispose of it in an environmentally safe way.

Waste produced by electrical machine items should not be handled like normal household rubbish. Please recycle where recycle facilities exist. Check with your Local Authority or retailer for recycling advice.

12 DECLARATION OF CONFORMITY



VARO N.V. - Vic. Van Rompuy N.V. - Joseph Van Instraat 9 - BE2500 Lier - BELGIUM,
declares that,

Product: Self-Leveling Laser Level
Trade mark: POWERplus
Model: POWX720

is in conformity with the essential requirements and other relevant provisions of the applicable European Directives, based on the application of European harmonized standards. Any unauthorized modification of the apparatus voids this declaration.

European Directives (including, if applicable, their amendments up to the date of signature);
2014/30/EU
2011/65/EU

European harmonized standards (including, if applicable, their amendments up to the date of signature);
EN60825-1 : 2014
EN61010-1 : 2010
EN61326-1 : 2013
EN61326-2-2 : 2013

Keeper of the Technical Documentation : Philippe Vankerkhove, VARO – Vic. Van Rompuy N.V.

The undersigned acts on behalf of the company CEO,

Ludo Mertens
Regulatory Affairs – Compliance Manager
02/09/2020, Lier - Belgium