



User Manual



BATTERY-POWERED SPOTLIGHT

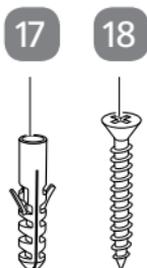
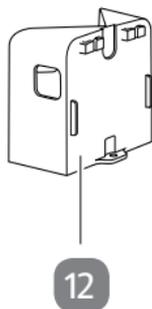
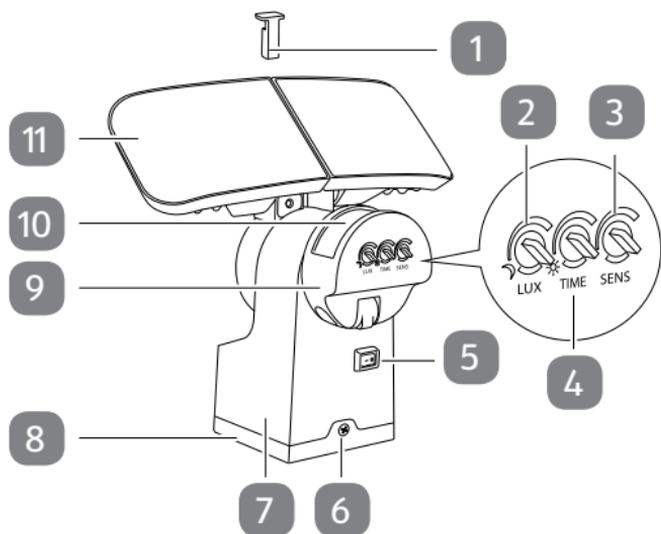


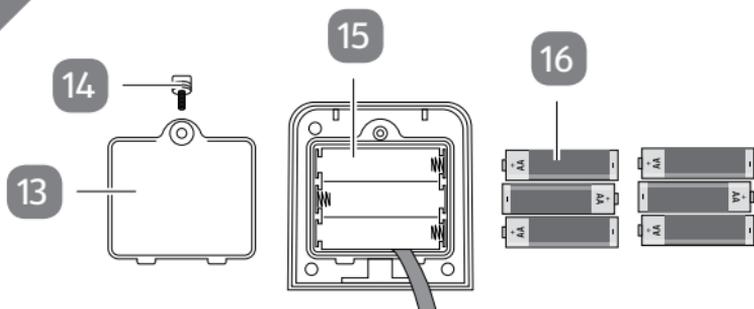
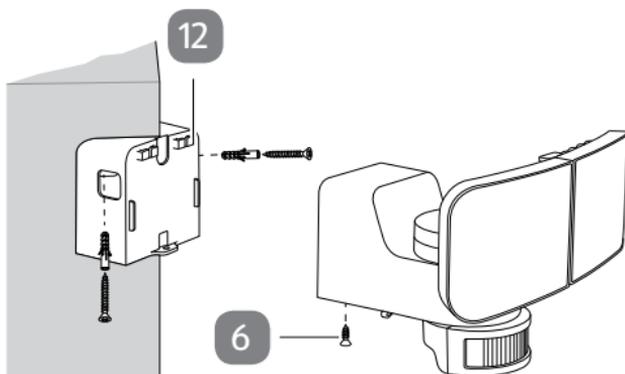
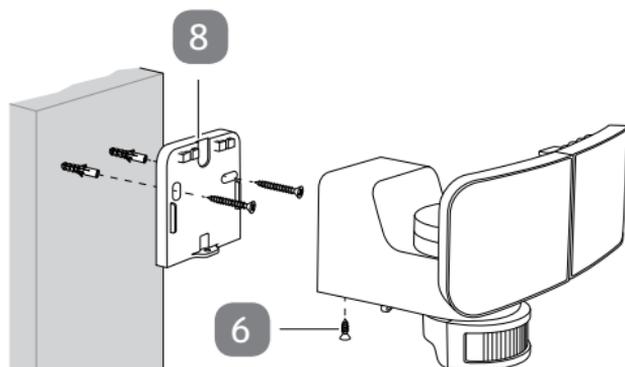
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Scope of delivery

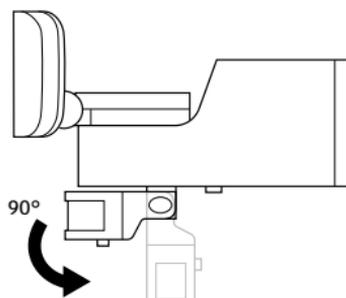
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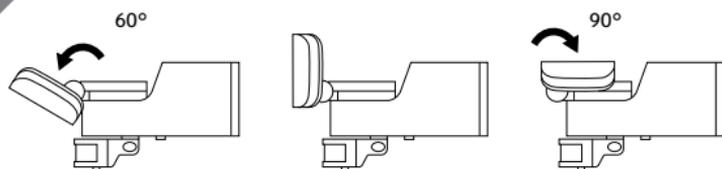
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Scope of delivery

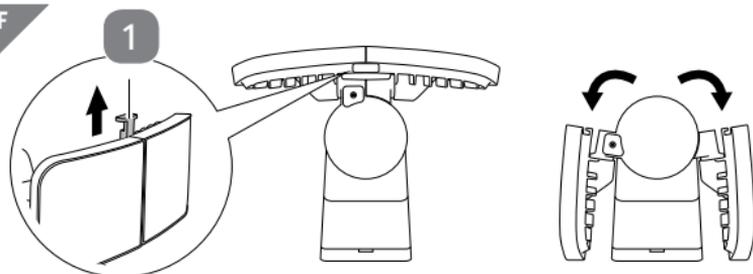
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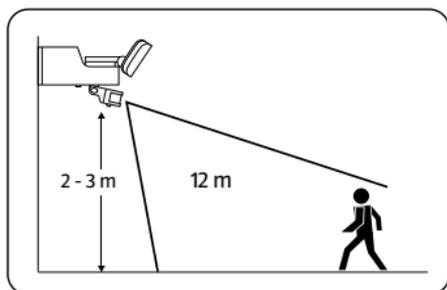
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F



G



Components

- | | | | |
|---|-----------------|----|---------------------------|
| 1 | Tab | 9 | Sensor housing |
| 2 | LUX controller | 10 | Motion sensor |
| 3 | SENS controller | 11 | Spotlight head, 2× |
| 4 | TIME controller | 12 | Wall bracket |
| 5 | Power switch | 13 | Battery compartment cover |
| 6 | Fixing screw | 14 | Fastening screw |
| 7 | Spotlight | 15 | Battery compartment |
| 8 | Rear panel | 16 | Batteries, 6× |

Connecting elements supplied

- | | | | |
|----|---------------|----|-----------|
| 17 | Wall plug, 4× | 18 | Screw, 4× |
|----|---------------|----|-----------|

Required tools (not included)

- 19 Electric drill



- 20 Cross-head screwdriver



- 21 Garantie Card

ACTIV ENERGY

The package contents include six type AA 1.5 V batteries.

General information

Reading and storing the user manual



This user manual accompanies this battery-powered spotlight (referred to below only as the 'product').

It contains important information on start-up and handling.

Before using the product, read the user manual carefully.

This particularly applies to the safety instructions.

Failure to follow this user manual may result in serious injury or damage to the product.

The user manual is based on the standards and rules in force in the European Union. When abroad, you must also observe country-specific guidelines and laws.

Store the user manual for future use. Make sure to include this user manual when passing the product on to third parties.

Proper use

The product is designed for permanent installation in a location protected against rain and is intended only for temporary lighting outdoors, e.g. to light building entrances, garages or pathways and as a deterrent against burglary.

Do not use it for indoor lighting or for accent lighting. It is only intended for private use and is not suitable for commercial purposes.

Use the product only as described in this user manual. Any other use is considered improper and may result in damage to property.

The manufacturer or vendor accepts no liability for damage caused by improper or incorrect use.

Explanation of symbols

The following symbols are used in this user manual, on the product or on the packaging.



This symbol provides you with useful additional information about start-up or operation.



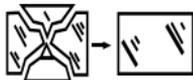
Declaration of conformity (see chapter “Declaration of conformity”): Products marked with this symbol meet all applicable Community regulations for the European Economic Area.

IP44

The product's type of protection is IP44. This means it is protected against splashing water and against ingress of solid foreign objects with a diameter of more than 1 mm.



This symbol identifies electric devices corresponding to protection class III. This means the product operates at low voltage and is operated with a safety extra low voltage (SELV).



Any cracked protective cover must be replaced.



Products marked with this symbol meet all applicable regulations and requirements in the economic area of Great Britain.

Safety

Explanation of notes

The following symbols and signal words are used in this user manual.



This signal symbol/word designates a hazard with moderate degree of risk which may lead to death or severe injury if not avoided.



This signal symbol/word designates a hazard with low risk that, if not avoided, may result in minor or moderate injury.



This signal word warns against potential damages to property.

General safety notes



Risk of explosion and fire!

Improper handling of the product can cause an explosion or a fire.

- Keep children away from the product.
- Keep the product away from water, other liquids, open flames and hot surfaces.
- Do not hang any objects over the product and do not cover it. Maintain a distance of 1 m between the spotlight and easily flammable materials.
- Do not use the product any more if it shows signs of damage. Only replace damaged parts with corresponding original spare parts.
- Do not open the housing and do not make any modifications to the product. Have only qualified professionals perform repairs.
- Do not position the product over bathtubs,

- sinks or other objects filled with water.
- Never use non-rechargeable batteries with this product.
- Protect the batteries against mechanical damage.
- Do not throw batteries into fire. They could explode or release toxic vapours.
- Do not expose batteries to unrestricted sunshine or heat. Increased risk of leaking!
- Do not take batteries apart and do not short-circuit them. Danger of explosion!
- If necessary, clean the battery and device contacts before inserting the batteries.
- Make sure that the polarity is correct when inserting the batteries.
- Only use batteries of the same type.
- Do not use used and new batteries together. Always change all of the batteries at the same time.
- Remove empty batteries from the spotlight.

**WARNING!****Risk of chemical burns!**

Fluid leaked from the batteries could cause chemical burns if it comes into contact with skin or other body parts. Batteries that are swallowed may result in severe internal injuries or even death.

- If battery acid leaks out, avoid contact with skin, eyes and mucous membranes. In the event of contact, immediately rinse the affected areas with plenty of clean water and consult a physician.
- In the event of a leaky battery, be absolutely sure to wear protective gloves and remove the leaked battery fluid with a dry, absorbent cloth.
- Store both new and used batteries so that they are not accessible to children.
- If you are no longer able to securely close the battery compartment, do not use the spotlight. Remove the batteries and store them in a location which is inaccessible to children.

- If you suspect that a battery has been swallowed or has otherwise entered the body, promptly consult a physician.



Risk of injury!

The light emitted by the LEDs is very bright and can damage the eyes if looked at directly.

- Never look directly into the light of the product's LEDs.
- Make sure you do not shine the light into the eyes of people or animals when inspecting or assembling the product.



Danger for children and persons with impaired physical, sensory or mental capacities (e.g. partially disabled persons, older persons with reduced physical and mental capacities) or lack of experience and knowledge (e.g. older children).

- This product may be used by persons with impaired physical, sensory or mental capacities or those lacking experience and knowledge if they are supervised or have been instructed in how to safely use the product and have understood the risks associated with operating it. Children may not play with the product.
- Cleaning and user maintenance must not be performed by children.
- Keep children away from the product.
- Do not let children play with the packaging wrapper. Children may get caught in it when playing and suffocate.

NOTICE!

Risk of damage!

Improper handling of the product can damage the product.

- Protect the product from drastic temperature fluctuations, e.g. those near ventilators, air conditioning units and heaters.

- The LEDs are permanently installed and cannot be replaced. Once the light source has reached the end of its service life, the entire product has to be replaced.
- Stop using the product if any plastic parts of the product show cracks or deformation. Replace damaged parts only with corresponding original spare parts.
- Do not make any modifications to the product.

First use

Checking the product and scope of delivery

NOTICE!

Risk of damage!

If you do not take care when opening the packaging with a sharp knife or other pointed object, the product can quickly become damaged.

- Be very careful when opening the packaging.

1. Take the product out of the packaging. Before start-up, remove all protective films.
2. Check whether the delivery is complete (see **Fig. A** and **B**).
3. Check whether the product or the individual parts are damaged. If this is the case, do not use the product. Contact the manufacturer at the service address specified on the warranty card.

Inserting batteries



Danger of explosion!

Improper handling of the rechargeable batteries can cause an explosion or a fire.

- Never expose the batteries to direct sunlight.
1. Remove the rear panel **8** from the spotlight **7** by unscrewing the fixing screw **6** (see **Fig. B**).
 2. Remove the battery compartment cover **13** by unscrewing the fastening screw **14**.
 3. Insert the batteries in the battery compartment **15**, noting the correct polarity.
 4. Reattach the battery compartment cover.

If you are setting up the spotlight for the first time there is no need to reattach the rear panel to the spotlight; you can continue with set-up immediately.

Choosing an installation location

Motion sensors are electronic sensors that recognise movement in their environment and work as electrical switches, responding to this movement. Heat sources are sensed using the lens. If a heat source in the product's range changes or moves, the spotlight will switch on for the preconfigured time. In order to ensure that the spotlight functions optimally, note the following requirements:

- Affix the product to a stable, vibration-free wall.
- Choose a location for installation that is protected against wind and rain (e.g. under the eaves of a roof). The installation surface must be free from shocks or vibrations.
- To avoid unwanted triggering of the motion sensor, no moving objects such as trees or bushes should be in the range of the motion sensor. If the sensor's range is on a street, vehicles driving past may switch the spotlight on unintentionally.
- To avoid disturbing the proper functioning of the spotlight, the motion sensor should be protected against direct sunlight and from light from halogen lamps or light-reflective surfaces such as swimming pools or ponds.
- Only intended for installation outside arm's length: The optimum height for installation is approx. 2–3 m or above. If the product is installed lower than this, the sensor area may be reduced (see **Fig. G**).
- The spotlight works best if the sensor area of the motion sensor is crossed horizontally. As far as possible, install the motion sensor in such a way that the main direction of approach is not straight in front of the sensor.

Assembly



WARNING!

Risk of electric shock!

Improper installation may result in an electric shock.

- Ensure that there are no cables or other electrical lines behind the location where the spotlight is attached.



To avoid triggering the product unintentionally, the spotlight must be fitted firmly. If the product moves, this has the same effect as moving heat sources in the sensor area.

Mounting the spotlight

1. Choose a suitable surface for installation (see chapter section “Choosing an installation location”).
2. Remove the rear panel **8** from the spotlight **7** by unscrewing the fixing screw **6**.
3. Hold the rear panel (for wall installation) or wall bracket **12** (for corner installation) to the installation surface and mark the installation locations.
4. Drill two holes into the wall using a drill **19** and insert the wall plugs **17**.

5. Screw the rear wall or the wall bracket to the fastening points with screws **18** as based on the properties of the installation surface (see **Fig. C**). Use a cross-head screwdriver **20** for this purpose. Do not apply excessive force in the process.
6. Attach the spotlight to the rear wall or wall bracket.
7. Use the fixing screw to fasten the spotlight and the rear wall or wall bracket.
8. Tighten the fixing screw.

Operation

Configuring the sensor area

1. If necessary, turn the motion sensor housing **9** to reach the SENS controller **3**.
2. Select the required sensor area:
 - Turning the SENS controller clockwise increases the sensor area range and the motion sensor will already react from a distance of approx. 12 m.
 - Turning the SENS controller anticlockwise decreases the sensor area range. With the lowest setting, the motion sensor only reacts starting at a distance of approx. 1 m.

To further adjust the sensor area, turn the motion sensor housing. The motion sensor housing can be turned by 90° (see **Fig. D**). The sensor angle of approx. 110° (+/-10°) does not change in the process.

- Select the required sensor area by turning the motion sensor housing.

Setting the lighting time

1. If necessary, turn motion sensor housing **9** to reach the TIME controller **4**.
2. Select the desired lighting duration between approx. 10 and 60 seconds by turning the controller in the corresponding direction:
 - Turning the TIME controller clockwise increases the lighting duration.
 - Turning the TIME controller anticlockwise decreases the lighting duration.

Setting the sensitivity

You can specify at what brightness (e.g. from dusk) the motion sensor **10** reacts and switches on the product.

1. If necessary, turn motion sensor housing **9** to reach the LUX controller **2**.
2. Choose the desired sensitivity by turning the controller in the corresponding direction:
 - Turning the controller clockwise increases the sensitivity so that the motion sensor will react even in a bright environment. If the controller is on the sun symbol, the motion sensor reacts around the clock regardless of the ambient light.
 - Turning the controller anticlockwise decreases the sensitivity so that the motion sensor will only react in a darker environment. If the controller is on the crescent moon symbol, the motion sensor only reacts when it's night.



- Whether the motion sensor reacts depends on the speed at which the object is moving. The sensor will not react to movements that are too fast or too slow.
- Electrical sensors are more sensitive in cold, dry weather conditions than in warm, humid climates.

Adjusting the spotlight heads

You can rotate the spotlight heads **11** 90° to the left and to the right. You can also move each of the spotlight heads approx. 60° downwards and approx. 90° upwards (see **Fig. E**).

- If necessary, remove the tab **1** if you want to align the two spotlight heads individually. Then align the spotlight heads as you like (see **Fig. F**).

Switching the product on and off

- To switch the product on, set the power switch **5** to the **I** position.
- To switch the product off, set the power switch to the **0** position.

Troubleshooting

Fault	Possible cause	Solution
The product does not switch on despite movement in the sensor area.	The batteries are empty.	Insert new batteries.
	The lighting in the immediate vicinity is too bright.	Re-configure the LUX controller 2 or find a more suitable installation location.
	The sensor area is not correctly configured.	To correctly set up the sensor area, turn the motion sensor housing 9 .
	The product is defective.	Have the product repaired by a professional.
The LEDs shine less brightly.	The batteries are almost spent.	Insert new batteries.
The sensor area is too small.	Sunlight can cause faults when setting the sensitivity.	Test the settings again in the evening and re-configure the sensitivity if necessary.

Fault	Possible cause	Solution
<p>The product turns off for no obvious reason.</p>	<p>The following movements or heat sources can activate the sensor: Air conditioning units, chimneys, barbecues, street lights, people, animals or moving vehicles.</p>	<p>Find a more suitable location for mounting the spotlight or change the sensor area by turning the motion sensor housing .</p>
	<p>Reflections from a swimming pool, a pond or other reflective surfaces are registered as movement.</p>	<p>Re-configure the LUX controller or find a more suitable installation location.</p>
<p>The product switches on throughout the day.</p>	<p>The LUX controller is set too high.</p>	<p>Reduce the sensitivity by turning the LUX controller anticlockwise.</p>

Cleaning

NOTICE!

Risk of damage!

Improper handling of the product can damage the product.

- Remove the batteries before cleaning.
- Do not clean the product and accessories under running water, and do not spray the product with the garden hose or a high-pressure cleaner.
- Do not use any aggressive cleaners, hard brushes and sharp, metallic or scratchy cleaning utensils such as knives, hard or scrapers or similar. They could damage the surfaces.

1. Remove dust and dirt from the spotlight with a soft, slightly moist cloth. For more stubborn dirt, use a mild rinsing agent as required.
2. Let all parts dry completely afterwards.

Storage

All parts must be completely dry before being stored.

- Always store the product in a dry location.
- Protect the product from direct sunlight.
- Store the product in an area inaccessible to children in a light-free area.

Technical data

Model:	872-B-S, 872-B-G, 872-B-W
Article number:	811642
Spotlight dimensions	
Wall installation:	226 × 149 × 179 mm
Corner installation:	226 × 149 × 211 mm
Battery type:	6 × AA/LR6 1.5 V ===

Product

Protection class:	III 
Illuminant:	30 × 0.2 W LED
Output:	Approx. 6 W
Supply voltage:	9 V ===
Luminous flux:	Approx. 500 lm
Colour temperature:	Approx. 6,500 K (+/- 500 K)
Dimmable:	No

Minimum distance to illuminated objects:	1 m
Type of protection:	IP44

Motion sensor

Sensor angle:	Approx. 110° (+/- 10°)
Rotation:	90°
Sensor range:	Max. 12 m
Sensitivity:	15 to 1,000 lux (adjustable)
Lighting duration:	Approx. 10 to 60 seconds (adjustable)

Declaration of conformity



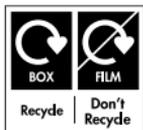
The EU declaration of conformity can be requested from the address specified on the enclosed warranty card.



We, AHG Wachsmuth & Krogmann mbH, Lange Mühren 1, 20095 Hamburg, Germany declare in sole responsibility that the product mentioned above meet all applicable regulations and requirements in the economic area of Great Britain. The UKCA Declaration of Conformity can be requested from the address provided above.

Disposal

Disposing of the packaging



Dispose of the packaging separated into single type materials. Dispose of cardboard and carton as waste paper and film via the recyclable material collection service.

Disposing of the product

(Applicable in the European Union and other European states with systems for the separate collection of reusable waste materials)

Old devices must not be disposed of with household waste!



If the product can no longer be used, every user is **required by law to dispose of the device separately from household waste**, e.g. at a collection point in their community/borough. This ensures that old devices are recycled in a professional manner and also rules out negative consequences for the environment. For this reason, electrical equipment is marked with the symbol shown here.

Batteries and rechargeable batteries must not be disposed of in the household waste!



As the end user you are required by law to bring all batteries and rechargeable batteries, regardless of whether they contain harmful substances* or not, to a collection point run by the community/borough or to a retailer, so that they can be disposed of in an environmentally friendly manner.

*labelled with: Cd = cadmium, Hg = mercury, Pb = lead

Before disposing the device, remove the batteries and then dispose of them separately.



Great care has gone into the manufacture of this product and it should therefore provide you with years of good service when used properly. In the event of product failure within its intended use over the course of the first 3 years after date of purchase, we will remedy the problem as quickly as possible once it has been brought to our attention. In the unlikely event of such an occurrence, or if you require any information about the product, please contact us via our helpline support services, details of which are to be found both in this manual and on the product itself.

Appliances can be used by persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.



PRODUCED IN CHINA FOR:

ALDI STORES LTD. PO BOX 26, ATHERSTONE
WARWICKSHIRE, CV9 2SH

ALDI STORES (IRELAND) LTD.
PO BOX 726, NAAS, CO. KILDARE.

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872-B-S, 872-B-G, 872-B-W

03/2022

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YEAR
WARRANTY