

THE SENSU PUNKAH

INSTALLATION- &
OWNER'S MANUAL

ORIGINAL OWNER'S MANUAL

TABLE OF CONTENTS

1	Important Safety Instructions	3
2	Packlist	9
3	Installation Instructions	10
4	Operation / Remote Control	20
5	Troubleshooting	21
6	Specsheet	22
7	Inspection & Cleaning	23
8	Installation SynchCable & LED Halo (Optional)	24
9	Disposing	27

1 IMPORTANT SAFETY INSTRUCTIONS

Always read through and comply with the following safety instructions!

We make every effort to keep the safety standards of our products up to date and to offer our customers the highest possible degree of safety. Our products are designed, built and tested in accordance with the safety standards that apply in each case. Compliance with these standards is continuously monitored by our quality assurance system. The product described here has been designed, built and tested in accordance with the attached EC Certificate of Conformity and has left the manufacturer's plant in a condition fully complying with safety standards.

To maintain this condition and to ensure safe operation, you must observe all instructions and warnings provided in this manual. If you have any questions regarding these safety instructions, your local agent or Relaxing Objects GmbH will be happy to answer them.

Furthermore, it is your responsibility to use the product in an appropriate manner. This product must not be used in any way that may cause personal injury or property damage. You are responsible if the product is used for any intention other than its designated purpose or in disregard of the manufacturer's instructions. The manufacturer shall assume no responsibility for such use of the product.

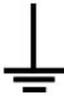
The product is used for its designated purpose if it is used in accordance with its product documentation and within its performance limits (see data sheet, documentation, the following safety instructions).

Installing the product requires technical skills and a basic knowledge of the manual's language. It is therefore essential that only skilled and specialized staff or thoroughly trained personnel with the required skills be allowed to install the product. Keep the basic safety instructions and the product documentation in a safe place and pass them on to the subsequent users.

Observing the safety instructions will help prevent personal injury or damage of any kind caused by dangerous situations. Therefore, carefully read through and adhere to the following safety instructions before and when using the product. It is also absolutely essential to observe the additional safety instructions on personal safety, for example, that appear in relevant parts of the product documentation. In these safety instructions, the word „product“ refers to all merchandise sold and distributed by Relaxing Objects GmbH, including all accessories.

1 IMPORTANT SAFETY INSTRUCTIONS

Symbols and safety labels

			
Danger of electric shock	PE terminal	Ground	Choking hazard, small parts could be swallowed by infants

Tags and their meaning

The following signal words are used in the product documentation in order to warn the reader about risks and dangers.

 DANGER	indicates a hazardous situation which, if not avoided, will result in death or serious injury.
 WARNING	indicates a hazardous situation which, if not avoided, could result in death or serious injury.
 CAUTION	indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.
 NOTICE	indicates the possibility of incorrect operation which can result in damage to the product. In the product documentation, the word ATTENTION is used synonymously.

These tags are in accordance with the standard definition for civil applications in the European Economic Area. Definitions that deviate from the standard definition may also exist in other economic areas or military applications. It is therefore essential to make sure that the tags described here are always used only in connection with the related product documentation and the related product. The use of tags in connection with unrelated products or documentation can result in misinterpretation and in personal injury or material damage.

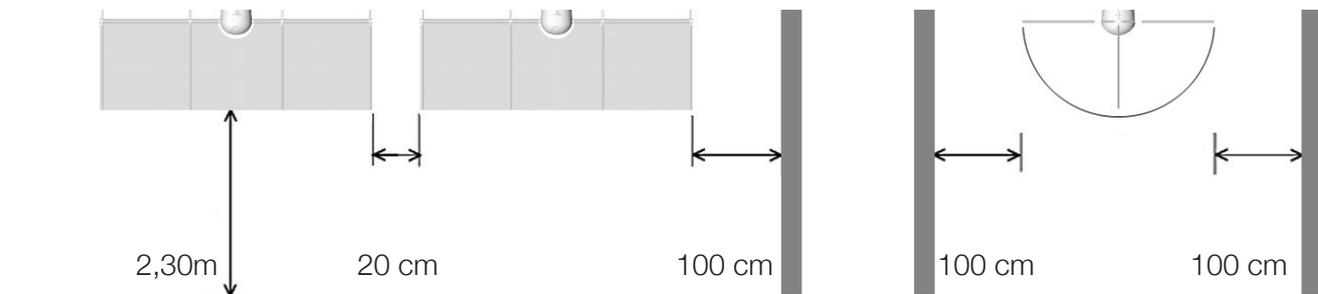
1 IMPORTANT SAFETY INSTRUCTIONS

Operating states and operating positions

1. The product may be operated only under the operating conditions and in the positions specified by the manufacturer. If the manufacturer's specifications are not observed, this can result in electric shock, fire and/or serious personal injury or death. Applicable local or national safety regulations and rules for the prevention of accidents must be observed in all work performed.
2. Do not install the product to surfaces that for reasons of weight or stability are unsuitable for this purpose. Always follow the manufacturer's installation instructions when installing the product and fastening it to structures (e.g. ceilings). An installation that is not carried out as described in the product documentation could result in personal injury or death.
3. The ambient temperature must not exceed the maximum temperature specified in the product documentation or in the data sheet. Product overheating can cause electric shock, fire and/or serious personal injury or death.
4. Make sure to use appropriate fixation materials to install the fan.
5. Never attach the ceiling fan directly to a suspended ceiling. Make sure to use an adapter professionally manufactured e.g. from steel tubes to attach the device through the suspension to the solid (concrete) ceiling.
6. None of the fan parts are to be less than 2.30 m from the ground. Install at a location that makes sure nothing and nobody gets into the motion zone of the blade. Installation must satisfy local regulations. **The fan has to be installed to a horizontally levelled surface.**
7. Do allow enough space around the object to let it move freely 180 degrees with a minimum distance of 100 cm to walls or other objects and 20 cm on the side to next blade to avoid collision or clamping (see image). The operational swing angle is approximately 70° to both sides.
8. The electrical supply has to be equipped with a breaker to be able to cut the power to the product

1 IMPORTANT SAFETY INSTRUCTIONS

9. Mount the product in a sheltered and wind-free area. Avoid direct sunlight on the driver case to prevent overheat of the control. Gusts of wind may influence the movement of the blade and the fan synchronisation. **The Sensu Punkah fan is for indoor use only.**



10. Do only mount certified blades and the corresponding fabric found in our catalogue or on our webpage. If you use any other blade or fabric or if you use the driver for anything else than powering certified blades the warranty is void and you possibly cause severe harm to life!

11. Only operate the ceiling fan when completely and correctly assembled!

12. Dispose of packaging taking the environment into account and keep out of the reach of children. Plastic bags are a potential hazard for choking!

13. The construction and fixation of the holder and ceiling is to be able to bear 4 times the weight of the fan when being moved.

14. This ceiling fan is for circulating room air. Their use outside, in garages, in moist or wet rooms or rooms in danger of fire or explosion, is not permitted.

15. Before first using after the setup, all electrical and mechanical connections are to be checked in order to prevent any fall, fire or electric shock.

16. The appliance is not to be used by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction

17. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children.

18. **WARNING:** If unusual oscillating movement is observed, immediately stop using the ceiling fan and contact the manufacturer, its service agent or suitably qualified persons.

1 IMPORTANT SAFETY INSTRUCTIONS

Electrical safety

1. If the information on electrical safety is not observed either at all to the extent necessary, electric shock, fire and/or serious personal injury or death may occur.
2. Never remove the cover or any part of the housing while the product is in operation. Doing so will expose circuits and components and can lead to injuries, fire or damage to the product.
3. The building mains must be earthed so the product can be correctly earthed.
4. The wire connection is to be provided with a multi-pole isolator with contact gaps of at least 3 mm.
5. Use suitable overvoltage protection to ensure that no overvoltage (such as that caused by a bolt of lightning) can reach the product. Otherwise, the product could be damaged.
6. The product is not liquid-proof.
7. Never use the product under conditions in which condensation has formed or can form in or on the product, e.g. if the product has been moved from a cold to a warm environment. Penetration by water increases the risk of electric shock.
8. All electric assembly has to be done by a professional. Never open the case of the driver. Doing so results in loss of warranty and may cause severe injury by high voltage electric shocks. Make sure all electricity is entirely switched off during installation and servicing! c
9. Make sure the product is disconnected from electrical supply before cleaning and maintenance works

1 IMPORTANT SAFETY INSTRUCTIONS

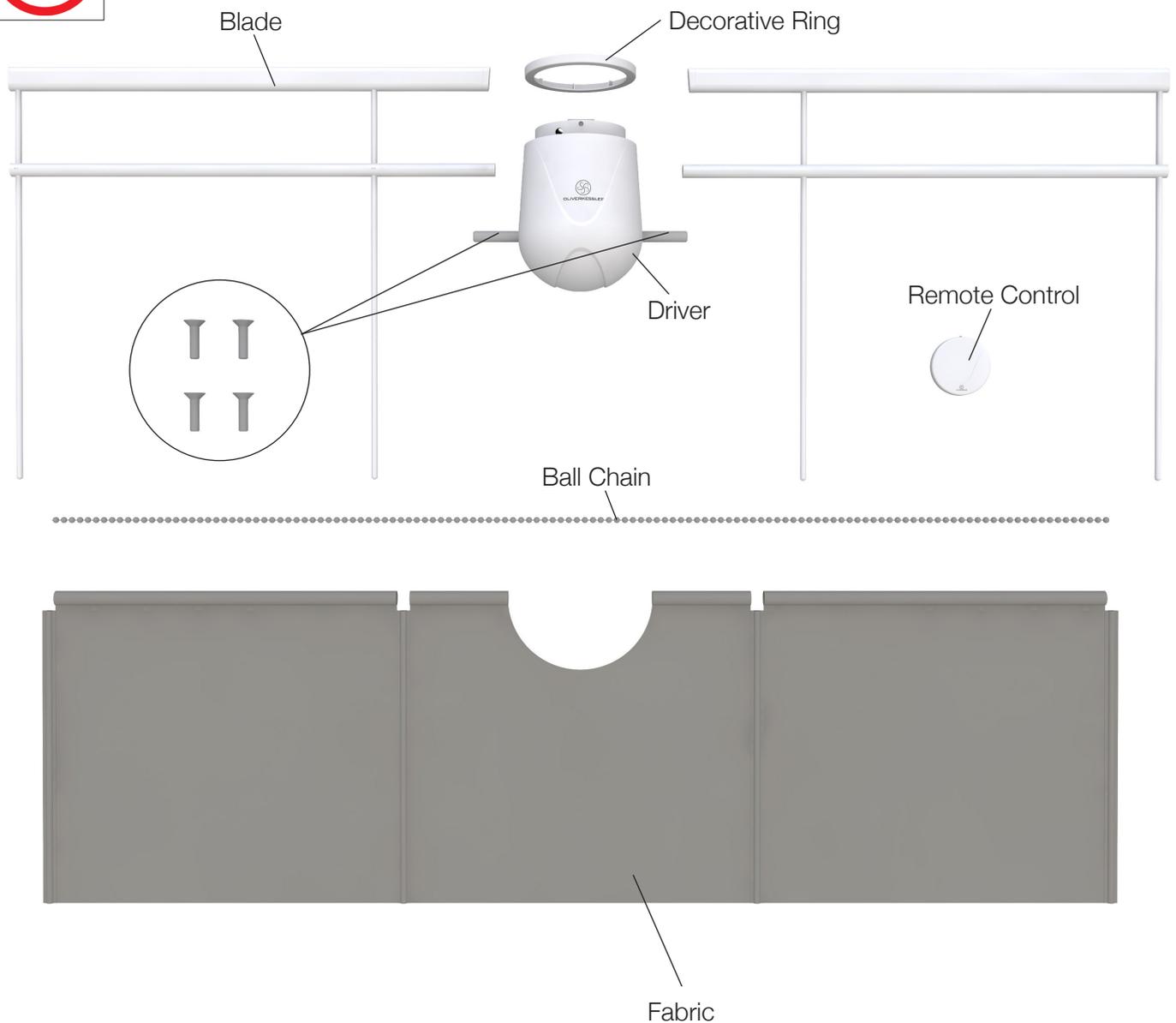
Batteries and rechargeable batteries/cells

If the information regarding batteries and rechargeable batteries/cells is not observed either at all or to the extent necessary, product users may be exposed to the risk of explosions, fire and/or serious personal injury, and, in some cases, death. Batteries and rechargeable batteries with alkaline electrolytes (e.g. lithium cells) must be handled in accordance with the EN 62133 standard.

1. Cells must not be taken apart or crushed.
2. Cells or batteries must not be exposed to heat or fire. Storage in direct sunlight must be avoided. Keep cells and batteries clean and dry. Clean soiled connectors using a dry, clean cloth.
3. Cells or batteries must not be short-circuited. Cells or batteries must not be stored in a box or in a drawer where they can short-circuit each other, or where they can be short-circuited by other conductive materials. Cells and batteries must not be removed from their original packaging until they are ready to be used.
4. Keep cells and batteries out of the hands of children. If a cell or a battery has been swallowed, seek medical aid immediately.
5. Cells and batteries must not be exposed to any mechanical shocks that are stronger than permitted.
6. If a cell develops a leak, the fluid must not be allowed to come into contact with the skin or eyes. If contact occurs, wash the affected area with plenty of water and seek medical aid.
7. Cells and batteries must be recycled and kept separate from residual waste. Rechargeable batteries and normal batteries that contain lead, mercury or cadmium are hazardous waste. Observe the national regulations regarding waste disposal and recycling.
8. Avoid mixing different types of batteries or new and used batteries
9. Discharged batteries have to be removed from the device and safely disposed of
10. Take out the batteries if the device is not in use for a long time
11. Non rechargeable batteries may not be recharged
12. Rechargeable batteries have to be taken out of the device before recharging

2 PACKLIST

Check if you have received the following parts. Do not install if any part is damaged or missing. Substitution of parts or accessories not designated for use with this product could result in personal injury and will void the warranty! Packaging contents may include small parts. Packaging includes plastic bags and desiccant bags. Keep out of reach of infants to avoid injuries and/or choking!



3 INSTALLATION INSTRUCTIONS

Remove screws from bracket

Safety steel cable

Socket for LED Halo
(optional)

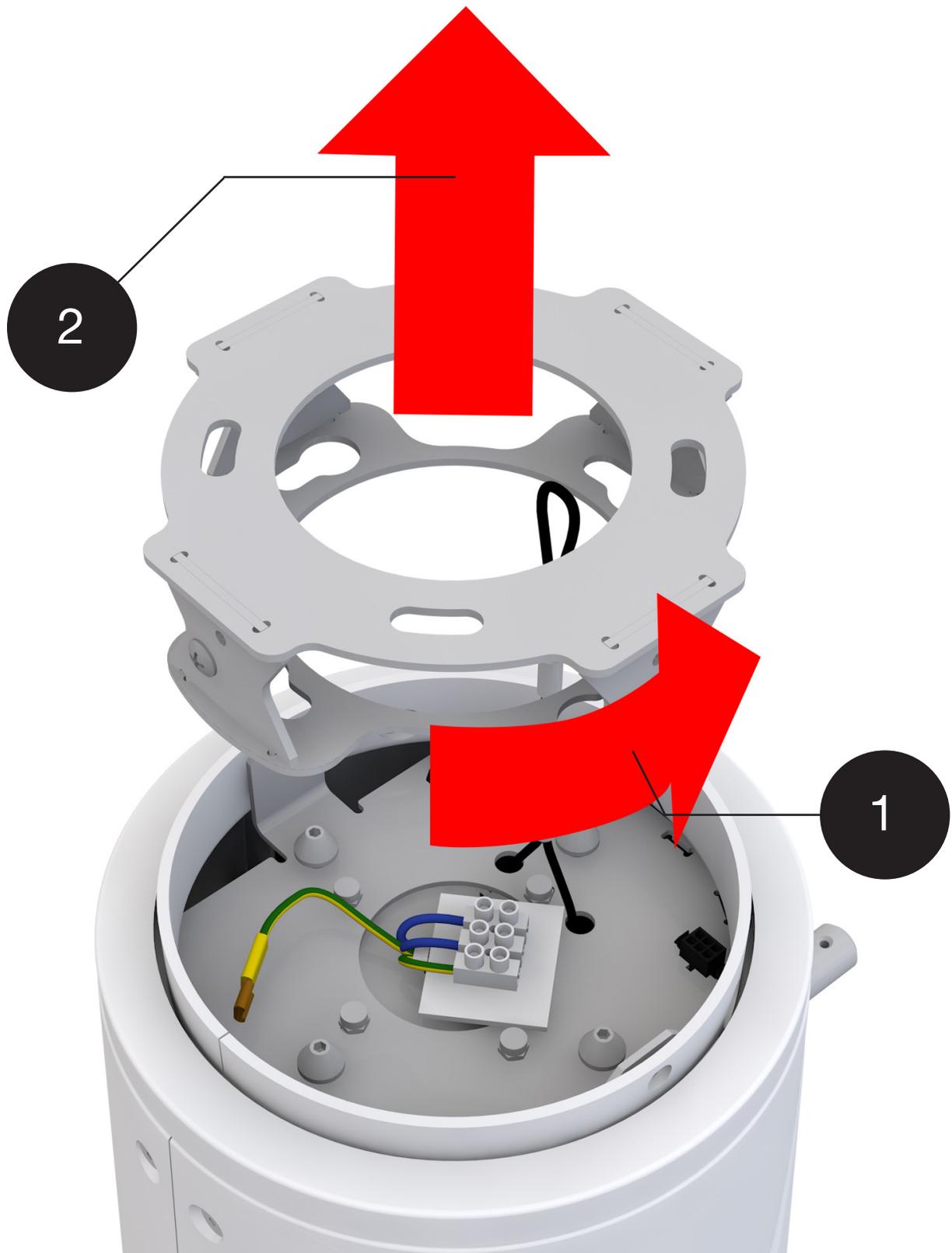


Socket for SynchCable
(optional)

Driver in delivery condition

3 INSTALLATION INSTRUCTIONS

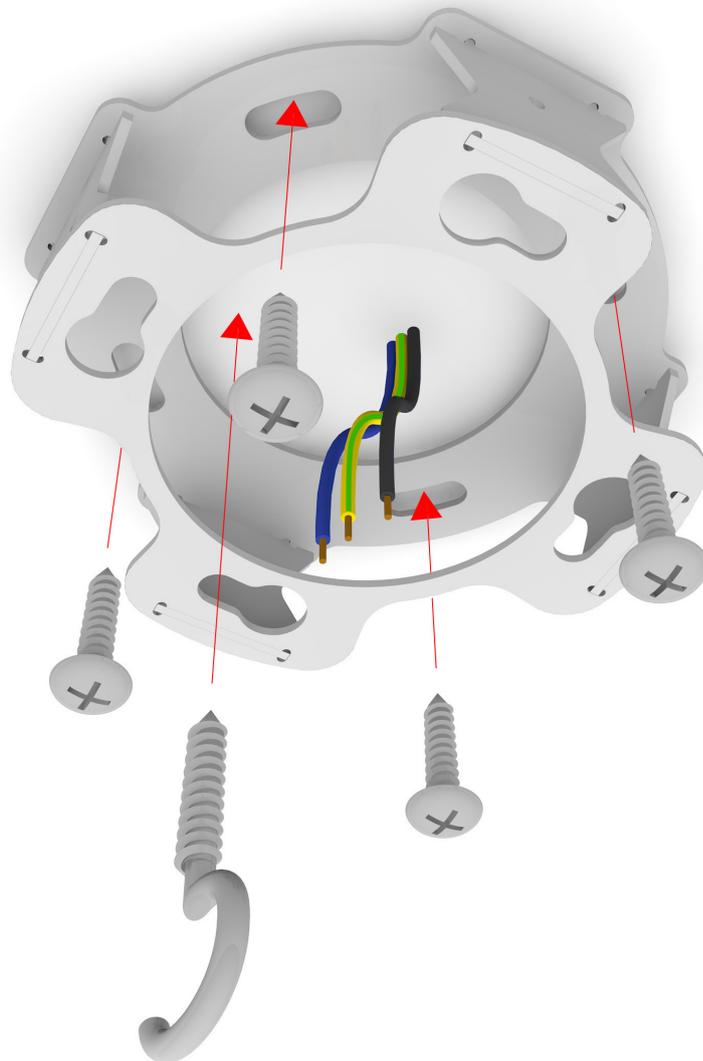
Remove bracket



3 INSTALLATION INSTRUCTIONS

⚠ WARNING

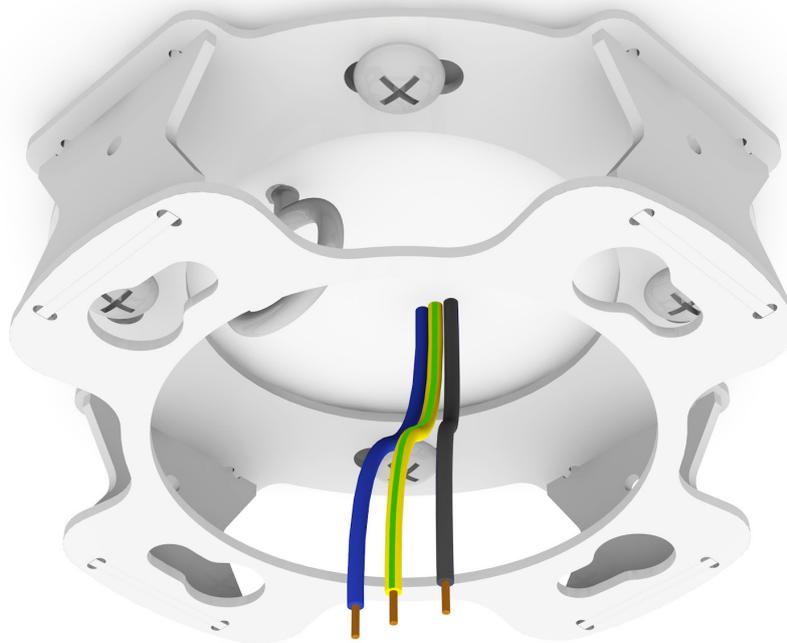
Use appropriate material for installation!
Switch off electric supply!
Install safe and stable!



3 INSTALLATION INSTRUCTIONS

WARNING

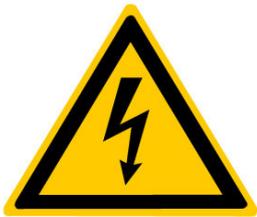
All electrical installations have to be executed by a trained professional!



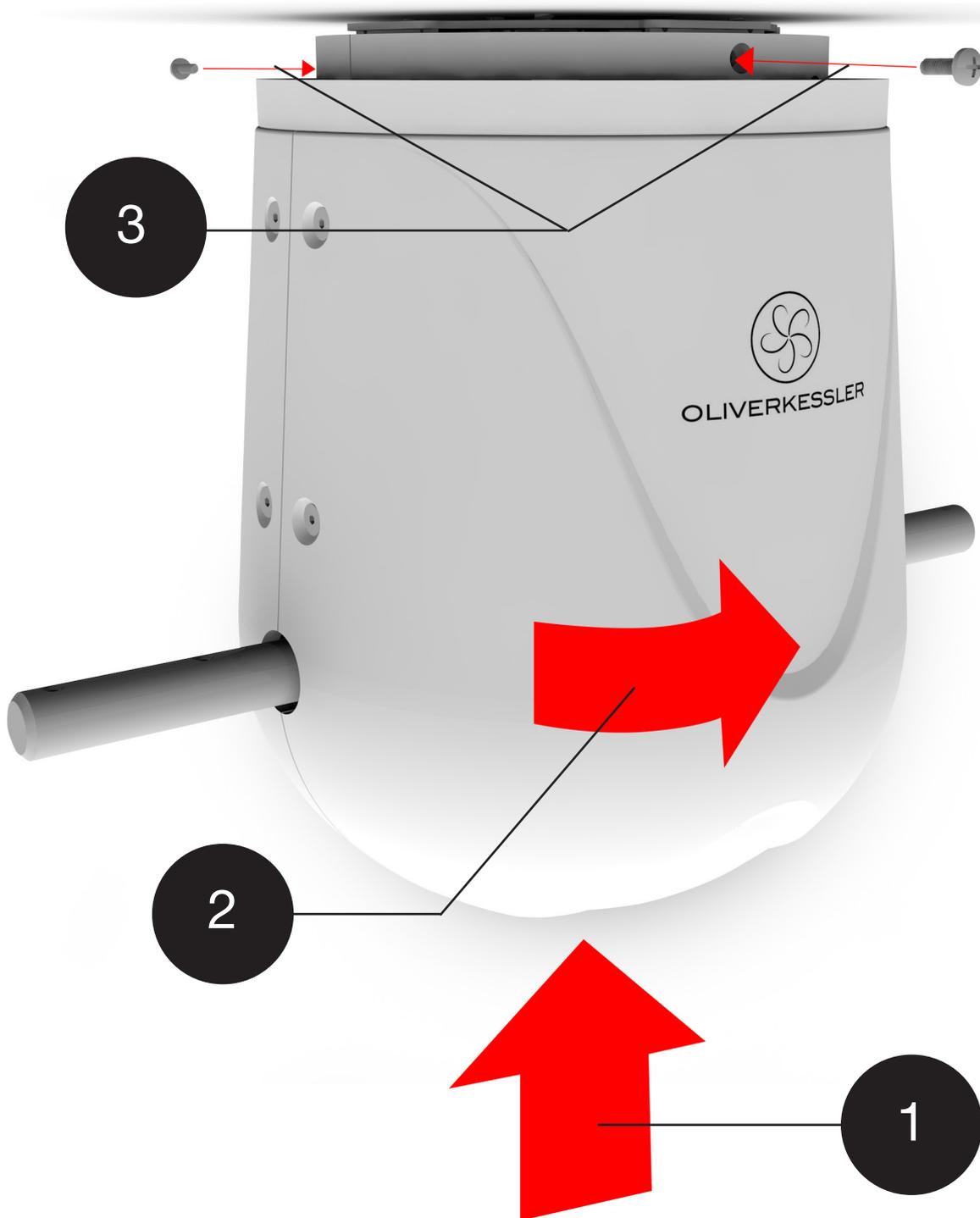
3 INSTALLATION INSTRUCTIONS

⚠ WARNING

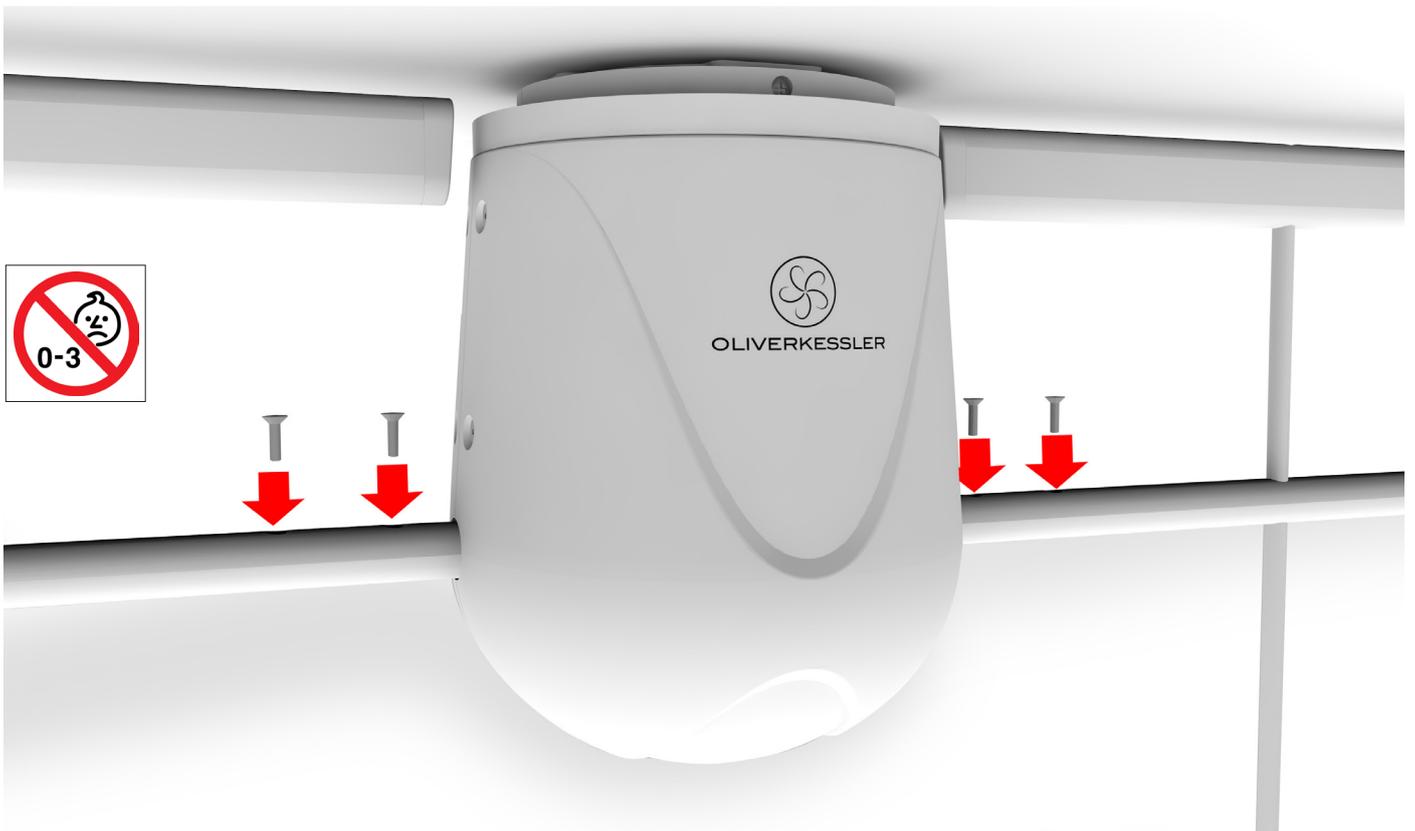
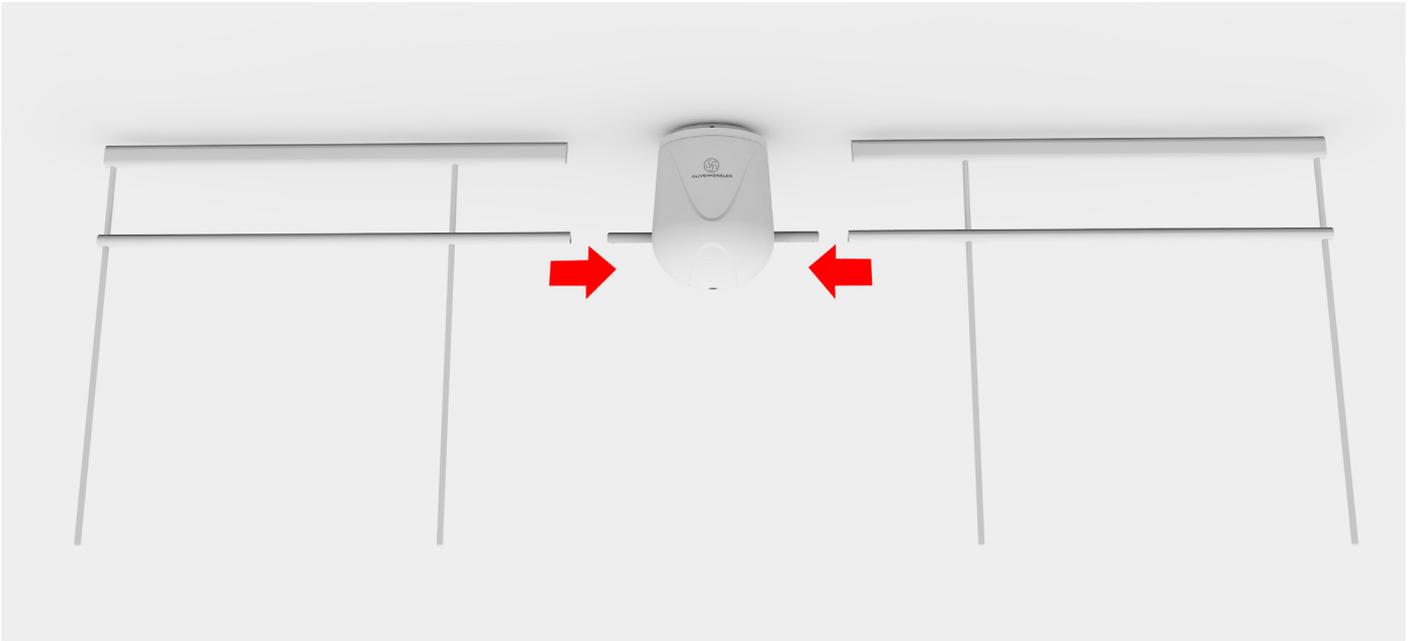
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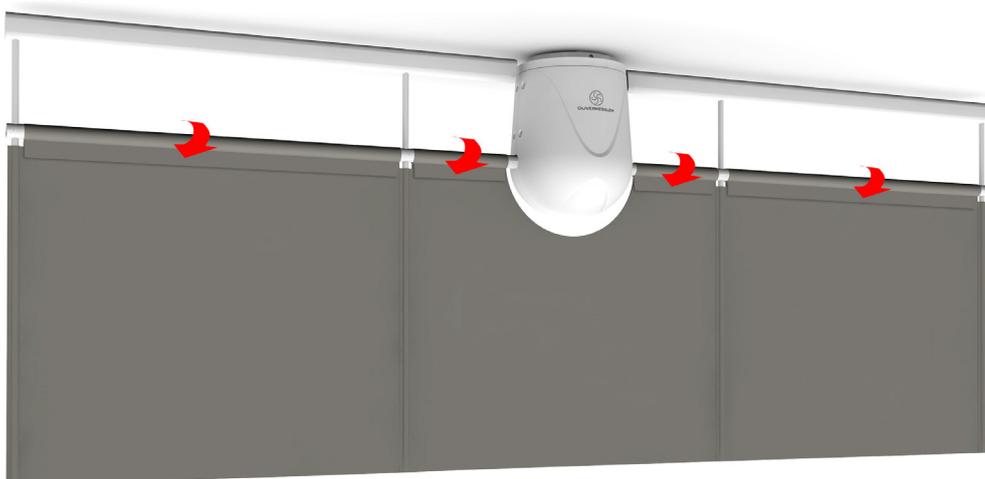
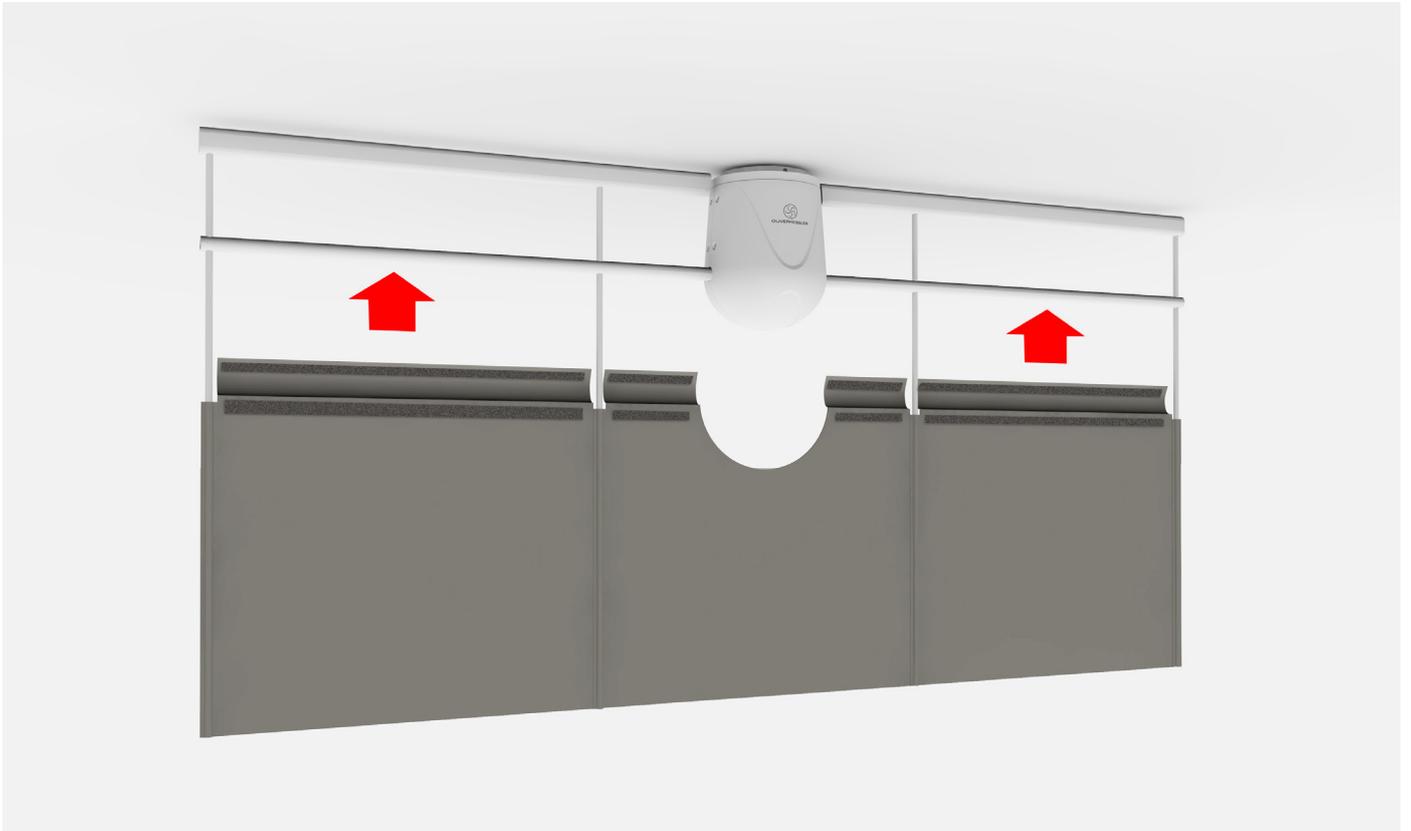
3 INSTALLATION INSTRUCTIONS



3 INSTALLATION INSTRUCTIONS

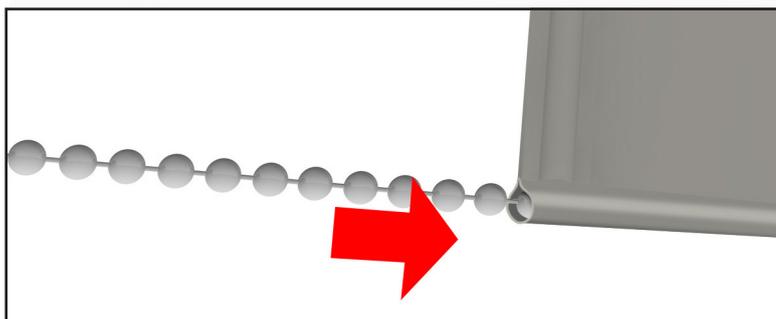
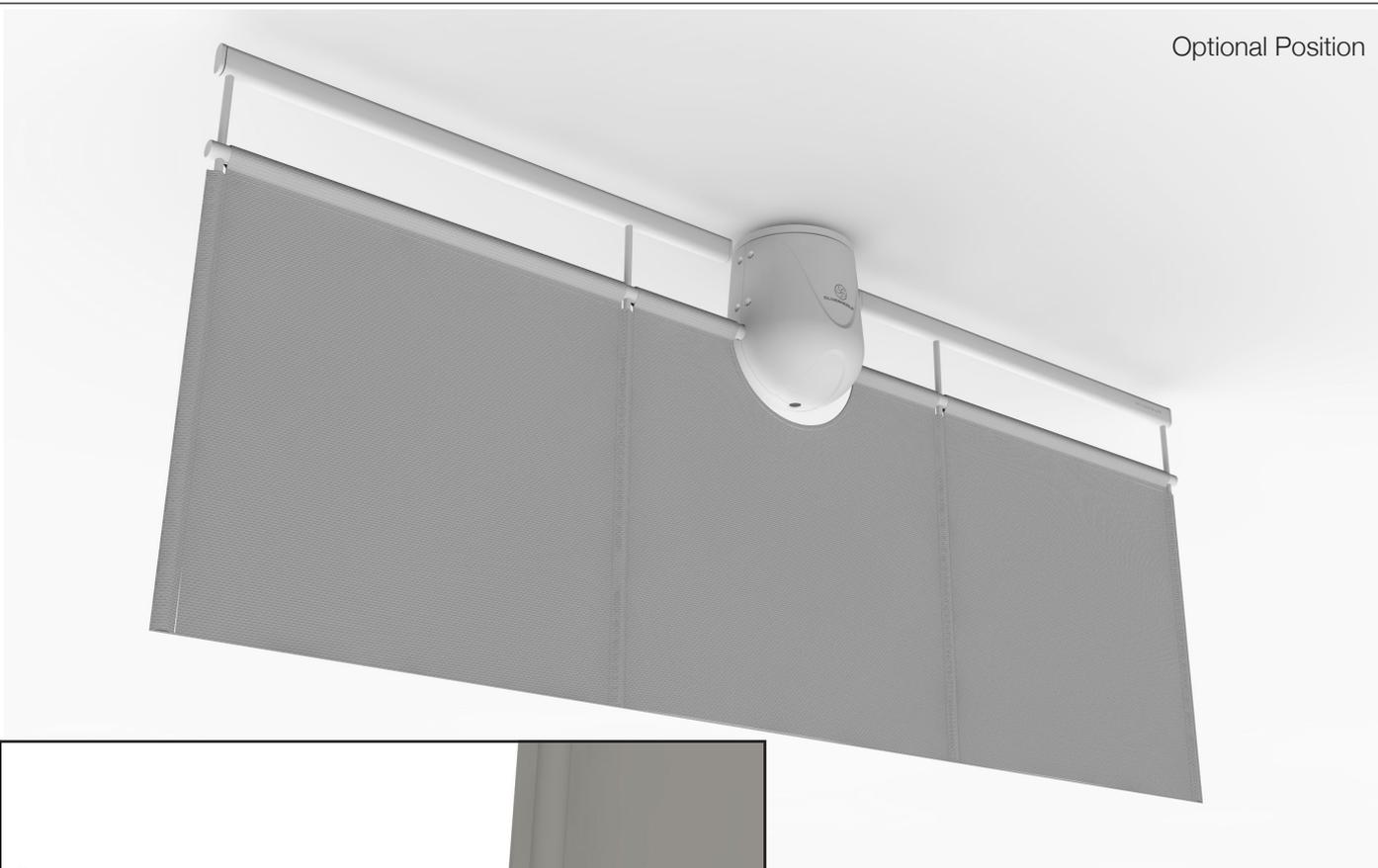
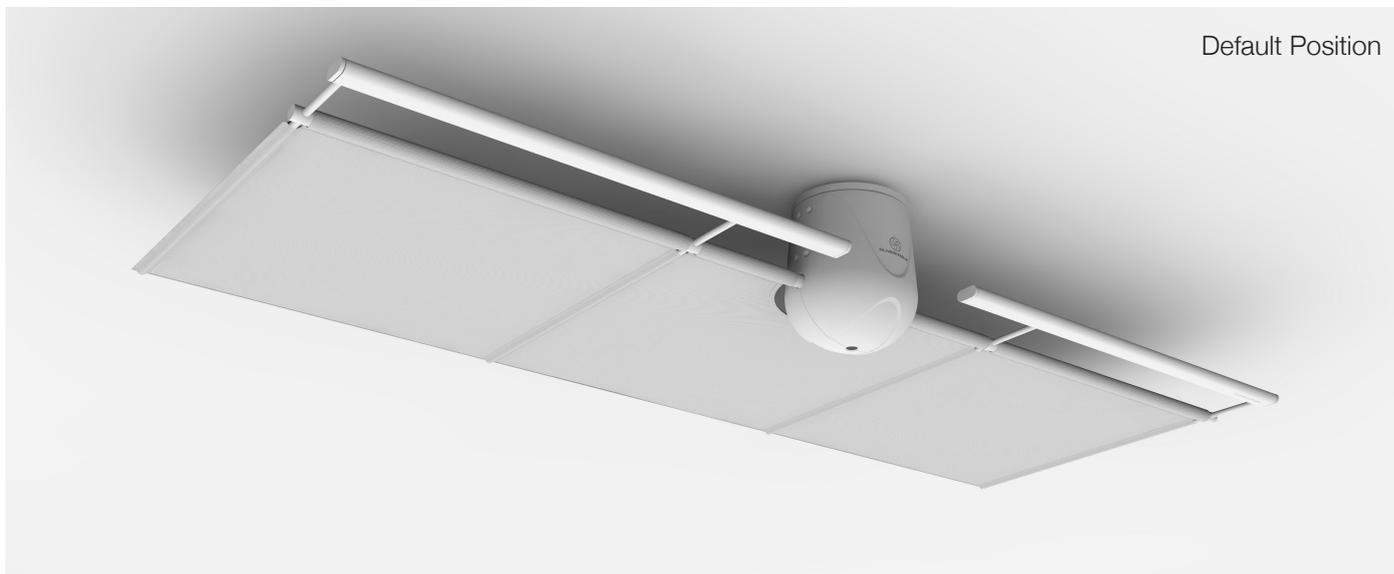


3 INSTALLATION INSTRUCTIONS



3 INSTALLATION INSTRUCTIONS

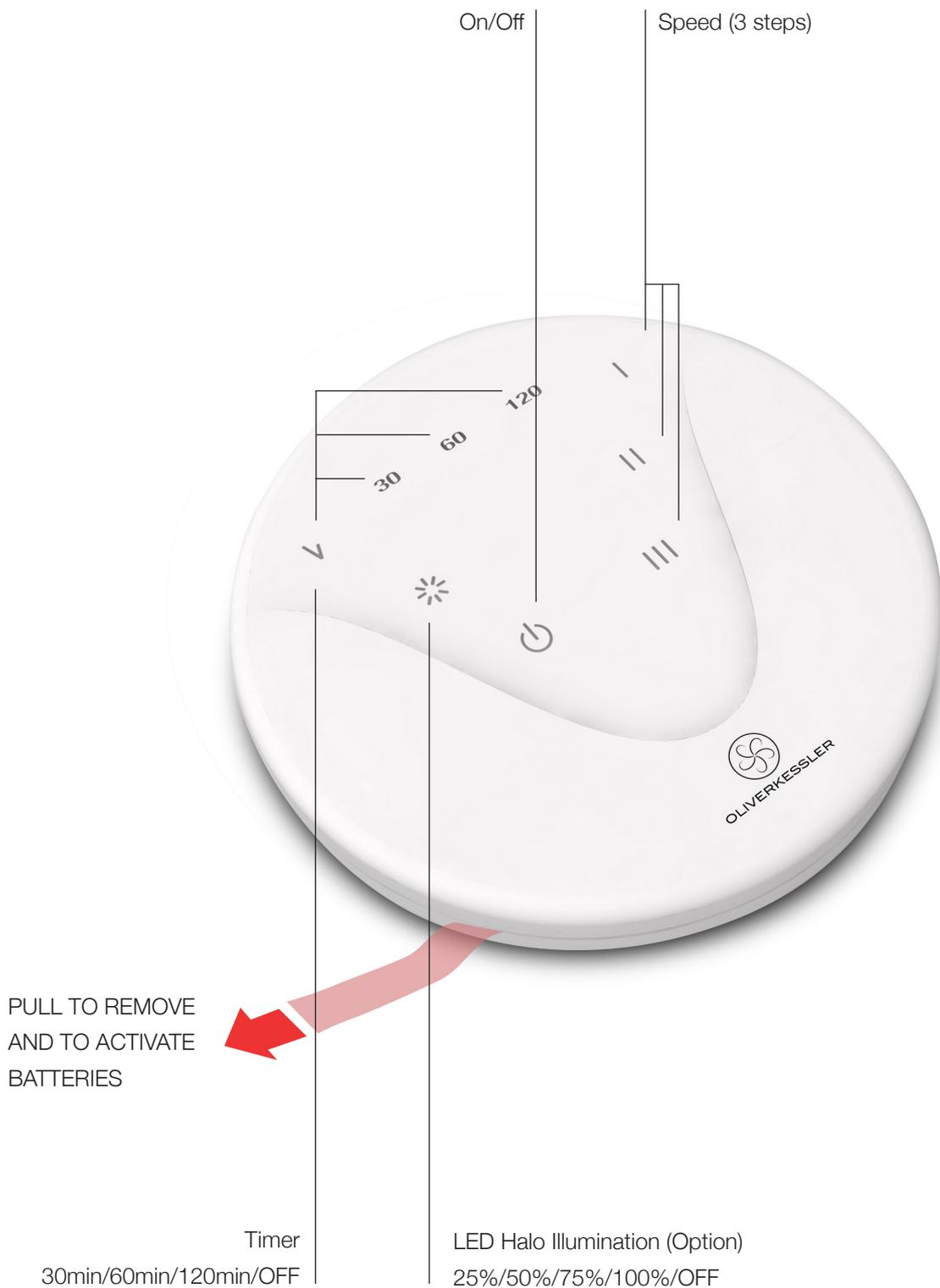
Adjust stand-by angle of the blade (Off-position)



Insert ball chain into horizontal blade fabric seam.

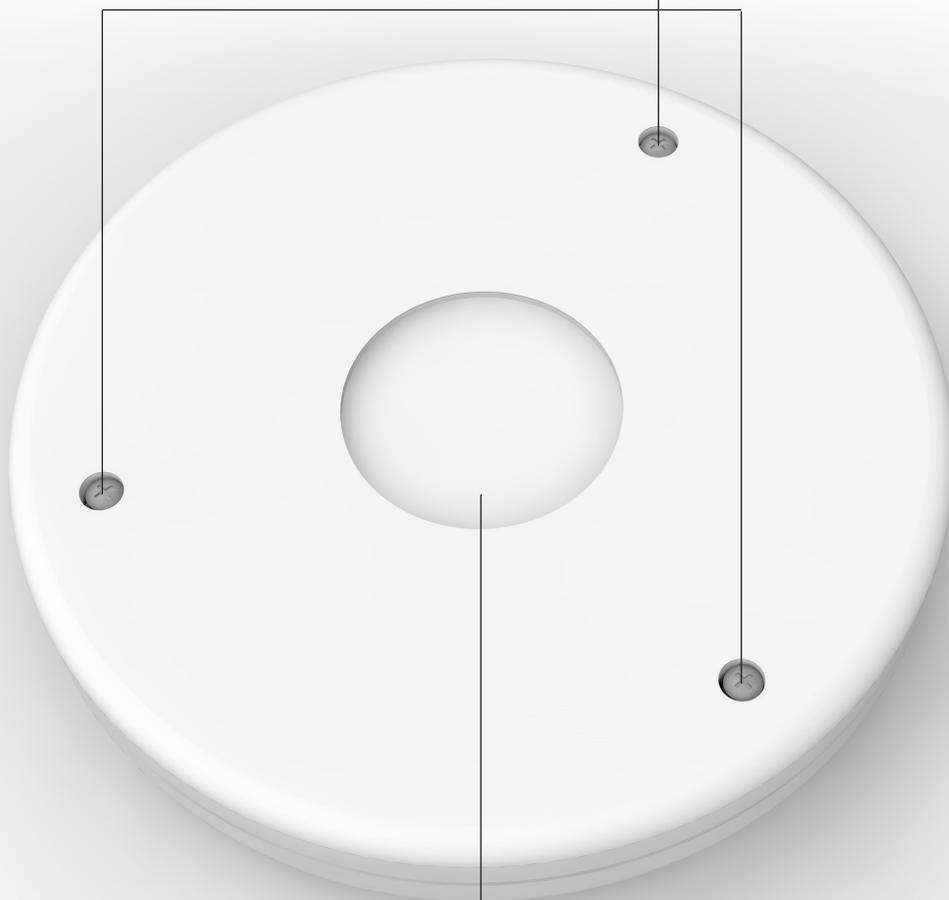
Insert the ball chain ONLY if you want the blade to park in the optional position!

4 OPERATION / REMOTE CONTROL



4 OPERATION / REMOTE CONTROL

Open To Change Batteries



Magnet

5 TROUBLESHOOTING

TROUBLE	PROBABLE CAUSE	SUGGESTED REMEDY
Driver will not start Axle does not turn Blade does not move	Main power is off	Switch main power on
	Blade is blocked	Remove blockage
	Powercords are not connected properly	Check powercords
	Temperature too high	Check technical specification for maximum temperature
	Internal fuse blew	Replace internal fuse
Remote control does not work	Distance and angle of remote sender and sensor incorrect	Point Remote Control towards black IR sensor on bottom of driver
	Green LED does not flash when operating buttons	Replace batteries (AAA)
Noise during operation	The product is optimized for low noise in slow speed and installation to concrete slab. Different installation surfaces and speed may have a negative effect on the noise level	For best results make sure to install the product to a massive surface. Avoid hollow constructions as they may amplify movement sounds
Drivers do not run in synchronicity (only drivers connected with SynchCable)	Gust of wind affected driver Starting position was at different angles or starting time of blades was delayed	Drivers will re-synchronize after short time as soon as wind stops (check for draft at the installation location)
	SynchCable has been installed after fans are connected to active electrical power.	Switch main power(breaker) off and back on to reset controllers
Drivers do run in twisted synchronicity (drivers equipped with SynchCable)	Affected driver is installed at a 180° twist	Turn affected driver 180°, check installation manual and direction indicator on sticker at driver top

6 SPECSHEET

Model: The Sensu Punkah

Technical Data

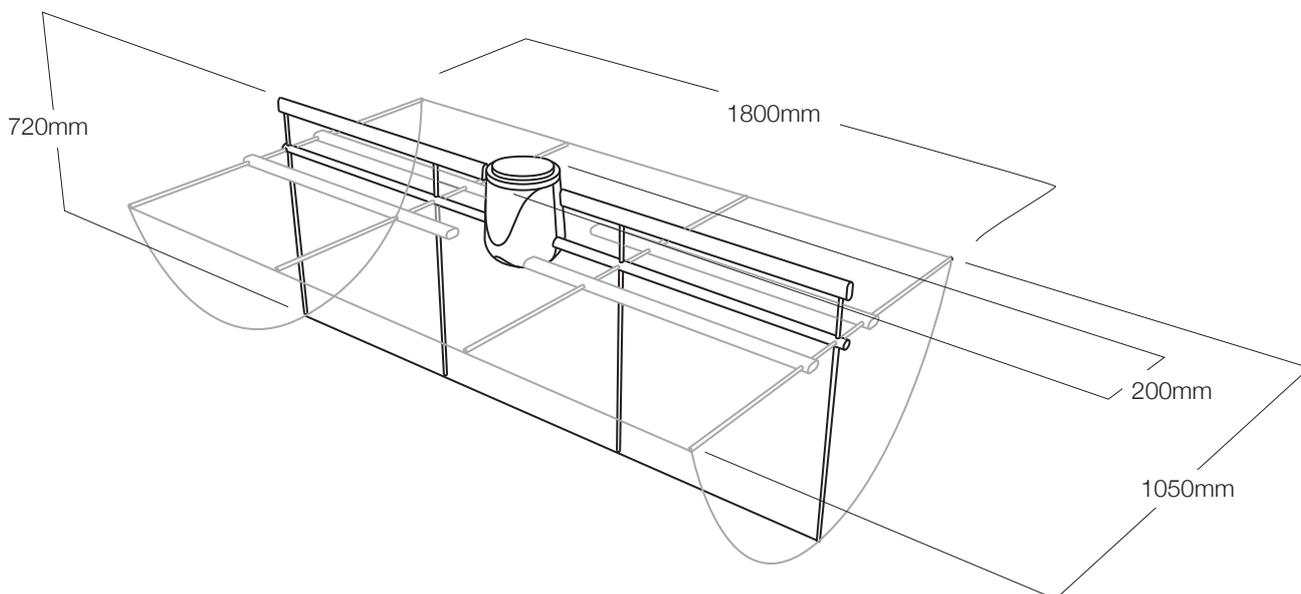
Operating Temperature	0 - 40 °C
Storing Temperature	-20 - 70 °C
Humidity	max. 90% rh
Operating Noise	< 70 dB(A)

Electrical Supply

Voltage	100 - 240 VAC
Frequency	50/60 Hz
Power Consumption Operation	< 20 W w/o LED Halo < 30 W with LED Halo
Power Consumption Stand-by	0.75 W
Fuse	5x20 T1A 250 V

Dimensions

Weight of the appliance 7.5kg



Remote Control

Transmission	Infrared
Batteries	2x AAA (LR03)

Fabric

B1 flame-retardant

7 INSPECTION & CLEANING

1. The product has to be disconnected from electric supply before inspection or cleaning
2. Do not open the case of the driver. The product may be opened only by authorized, specially trained personnel. Contact your local dealer or Relaxing Objects should you not be able to solve a malfunction by referring to the Troubleshooting section of this manual.
3. Carry out a yearly inspection, check the connections to the ceiling
4. Any manipulation of the product not carried out by personnel authorized by the manufacturer will result in immediate loss of warranty.
5. Clean driver case and blade metal structure with a moist towel. Do not use aggressive cleaners.
6. Clean fabric according to stitched-on label.

Note: The fabric loses its flame-retardant finish after cleaning and needs to be re-impregnated.

8 INSTALLATION SYNCHCABLE & LED HALO

READ FIRST: IMPORTANT INSTALLATION AND OPERATION INSTRUCTIONS

1. If the information on electrical safety is not observed either at all to the extent necessary, electric shock, fire and/or serious personal injury or death may occur.
2. The product may be installed and connected only by a licensed electrician.
3. The product may only be installed with and at THE SENSU PUNKAH.
4. The product is designed for indoor operation only
5. Do not take the product apart, open it or cut it
6. Make sure the cable is not damaged when you install the fan.
7. Keep packaging out of reach of children to avoid injuries and/or choking. Packaging contents plastic bags and dessicant bags.



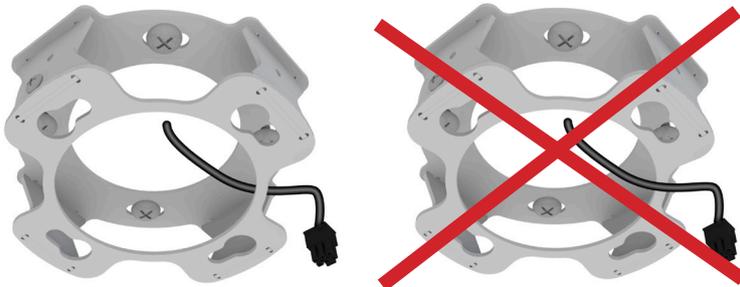
SYNCHCABLE (additional)

1. Make sure all THE SENSU PUNKAH fans are installed in the same orientation. Refer to sticker on driver case to synchronize movements in same direction
2. All THE SENSU PUNKAH fans that are connected with a SynchCable are operated by a single remote control and can not be operated individually. Any remote control of any THE SENSU PUNKAH can be used for operation.
3. LED Halos which are installed to any THE SENSU PUNKAH will also synchronize
4. The maximum quantity of synchronizable fans is 10.

LED HALO (additional)

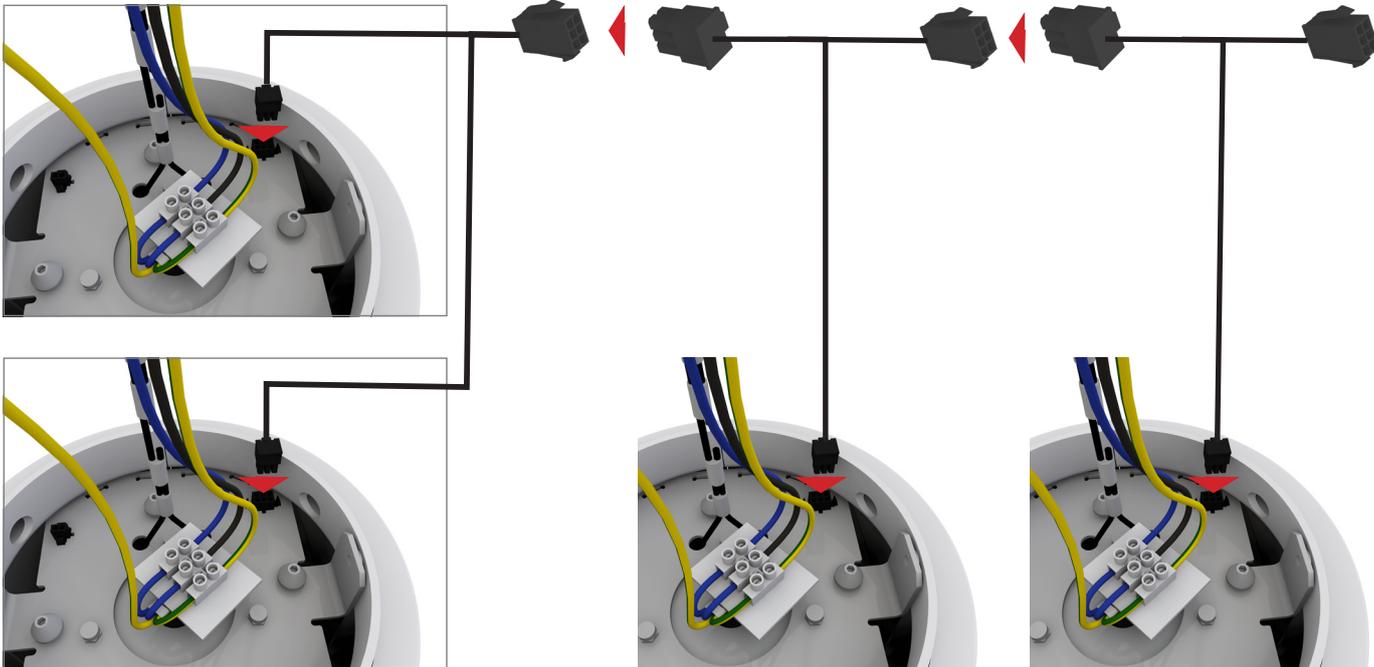
1. Do not cover the product since it can get hot.
2. The product is operated by the remote control of THE SENSU PUNKAH

8 INSTALLATION SYNCHCABLE & LED HALO



2 devices

3+ devices

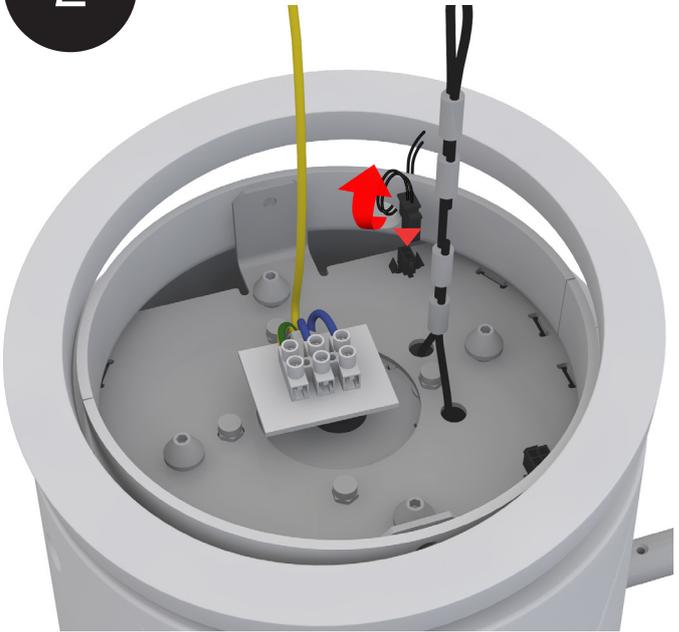


8 INSTALLATION SYNCHCABLE & LED HALO

1



2



3



Technical Data

Operating Temperature 0-40°
 Storing Temperature -20-70°
 Humidity max 90% rh

Voltage 12 VDC
 Maximum Power Consumption <10W
 Light Temperature 2700K

Relaxing Objects GmbH LED Halo

 This luminaire contains built-in LED lamps.

A++
A+
A
B
C
D
E

} LED

The lamps cannot be changed in the luminaire.

874/2012 

IMPORTANT

This product conforms to EU Directive 2012/19/EU. This appliance bears the symbol of the barred waste bin. This indicates that, at the end of its useful life, it must not be disposed of as domestic waste, but must be taken to a collection centre for waste electrical and electronic equipment, or returned to a retailer on purchase of a replacement. It is the user's responsibility to dispose of this appliance through the appropriate channels at the end of its useful life. Failure to do so may incur the penalties established by laws governing waste disposal. Proper differential collection, and the subsequent recycling, processing and environmentally compatible disposal of waste equipment avoids unnecessary damage to the environment and possible related health risks, and also promotes recycling of the materials used in the appliance. For further information on waste collection and disposal, contact your local waste disposal service, or the shop from which you purchased the appliance.

Manufacturers and importers fulfil their responsibilities for recycling, processing and environmentally compatible disposal either directly or by participating in collective systems.



Entsorgung von Batterien und Akkus

Informationspflicht gemäß Batteriegesetz (BattG)

Batterien dürfen nicht über den Hausmüll entsorgt werden!

Sie sind zur Rückgabe von Altbatterien gesetzlich verpflichtet, damit eine fachgerechte Entsorgung gewährleistet werden kann. Sie können Altbatterien an einer kommunalen Sammelstelle oder im Handel vor Ort abgeben. Die Abgabe ist für Sie kostenlos.

Auch wir sind als Vertreiber von Batterien zur Rücknahme von Altbatterien verpflichtet, wobei sich unsere Rücknahmeverpflichtung auf Altbatterien der Art beschränkt, die wir als Neubatterien in unserem Sortiment führen oder geführt haben. Altbatterien vorgenannter Art können Sie daher entweder ausreichend frankiert an uns zurücksenden oder sie direkt an unserem Versandlager unter der folgenden Adresse unentgeltlich abgeben.

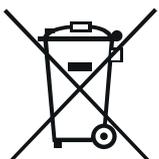
Rücksendungen/Rückgabe von Batterien/Akkus sind zu richten an:
Relaxing Objects GmbH, Turfstr.11, 81929 München/Deutschland

Bei Batterien, die mehr als 0,0005 Masseprozent Quecksilber, mehr als 0,002 Masseprozent Cadmium oder mehr als 0,004 Masseprozent Blei enthalten, befindet sich unter dem Mülltonnen-Symbol die chemische Bezeichnung des jeweils eingesetzten Schadstoffes – dabei steht „Cd“ für Cadmium, „Pb“ steht für Blei, und „Hg“ für Quecksilber.



Batterien sind mit dem Symbol einer durchgekreuzten Mülltonne (s. l.) gekennzeichnet. Dieses Symbol weist darauf hin, dass Batterien nicht in den Hausmüll gegeben werden dürfen.

Dies ist neben der gesetzlichen Verpflichtung ein wichtiger Beitrag zum Umweltschutz



Cd

Batterie enthält Cadmium



Hg

Batterie enthält Quecksilber



Pb

Batterie enthält Blei



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