### Operating manual / assembly instruction

English

## Mirror ball motors 10-50cm

CE

# Read this manual carefully before use. This manual is part of the product and contains important information regarding operation and overall security.

Keep this manual for future reference while the product is in your possession and pass on the instruction in case of resale. A current version of this manual can be requested at any time. Damage caused by disregarding the instructions will void the warranty - the manufacturer will not be liable for any resulting damages. Keep children or inexperienced persons away from the product. Installation, commissioning and maintenance as well as the servicing may only be performed by qualified persons.

# Product / delivery

The product includes a mirror ball motor for the sizes: up to 20cm (7710460), up to 30cm (7710461), up to 50cm (7710462)

# Safety instructions:

- Read the instructions before commissioning / installation.
- Maintenance / repairs only by qualified personnel!
- In commercial use, observe regulations and regulations!
- In the commercial area arrange acceptance inspection by experts only!
- Use only suspension recommended by qualified personnel!
- Secure hold must be installed falling parts can cause serious injury!

## Proper Use:

Mirror motor with safety lug.

Only materials which are recommended by the specialist retailer for the respective sizes may be used as a suspension.

Any other use than described in this manual may cause damage to the product, therefore the warranty will become void. The product may not be altered, rebuilt or used/mounted in a different way than described in the manual. The safety instructions must be noted!

# **Commissioning/Installation:**

Check the motor for damage before installation / commissioning: In case of damage, do not install and and contact the distributer.

The motor with the attached mirror ball must be installed in an open area without any people. The mounting surface (ceiling, traverse or similar) must, in order to ensure a very stable hold of the suspension, be able to carry a multiple of the actual weight of the object. The object (mirror ball) must be firmly connected to the suspension device (e.g., the motor), for example with a suitable screw chain link.

Use only designed and tested load chains. Do not exceed a chain length of 1 meter. Never use abrasive or scrubbing materials for suspension! For safety the object must be installed out of reach of people.

The second suspension, which – in case of the main suspensions failure – prevents the object from falling down must be installed and connected to the object aswell!

The product was carefully tested before leaving the factory. Please observe the following instructions for safe and correct use.

### Attention:

- Never open the device while it is switched on, only connect it to grounded 230V sockets.
- Always disconnect from power when not used! Continuous operation is not decommended!
- Never touch with wet hands, do not place near heat sources (+ 45 ° C).
- The product is not a toy! Keep it away from children.
- Do not repair it by yourself, in case of damage or malfunction necessarily contact a specialist distributer.
- The conversion or modification of the product is prohibited, we assume no liability for improper use and risks by disregarding the instructions.
- For complaints of any kind, please contact the distributor first. There are no serviceable parts on the product, for service work and repairs always contact the specialist shop.
- Do not stop the axles rotary movement, as this will damage the motor.
- Indoor use only!

# **Operation:**

- Unpack the article carefully.
- Check the power cable & case for damage before each use In addition, it is essential to check the complete installation for safety and carrying capacity, including all connections and suspensions. In case of damage or deformation, do not use the product!
- The suitable sizes and weights can be found in the technical data on page 3.
- The safety motor must be installed by a suitably trained person.
- Only install with suitable screws and on a completely even surface that can permanently support the total weight of the product.
- Make sure that the installation is always equipped with a second, independent fuse, e.g. a suitable safety net. When using a safety rope, it must be properly attached to the corresponding lug (#2) of the safety motor:



- Make sure the entire installation is safe and ALL components have a second, independent backup.
- The second, independent fuse must be sized so that if the main fixture fails, it can safely catch the entire installation.
- Only then may the engine be put into operation. The motor shaft starts to turn when the power is plugged in.

# MORTAL DANGER:

If the object is used commercially in non-private rooms, the provisions of BGV C1 (formerly VBG 70) and DIN VDE 0711-217 must be observed. The installation may only be carried out by authorized specialist distributors! The entrepreneur has to check the currently applicable safety and mechanical equipment and have it inspected by experts.

Do not try to do the installation yourself if you are not adequately qualified, but hire a professional installer.

Dropping the object can cause serious injury, do not install the object if there are any defects or if you have doubts about the safety of the object, the suspension device or the type of installation.

When installing the ball, always observe the assembly instructions for the motor, the fastening chain and the safety rope!

# Servicing:

Regularly check the technical safety of the product. If the product shows visible damage or fastenings, screws or other corroded, deformed or worn parts, replace the corresponding parts as recommended by the specialist distributer and secure the object against unintentional operation. If in doubt, send the product to the distributer. Maintenance and service work should only be carried out by qualified personnel!

The product has undergone a thorough quality control. If you still have quality concerns or notice a defect, please contact your distributer immediately.

If the product is used in the commercial sector, the entrepreneur must comply with all regulations. An expert must accept and check the device regularly.

We accept no liability for damage caused by incorrect handling, improper use or abrasion.

#### **Debugging:**

• No rotation: check the connection of the power plug.

• If problems persist, contact your local distributer.

#### Technical data:

#### 7710460: Motor 20, suitable for 10, 15 and 20 cm mirror balls

Power supply: 230-240V AC, 50Hz ~

Power consumption: 4W

Rotation speed: 3rpm

Load capacity: 2,5kg max.

Mirror ball diameter: up to 20cm

#### 7710461: Motor 30 incl. Double lug, suitable for mirror balls of 30cm diameter

Power supply: 230-240V AC, 50Hz ~

Power consumption: 4W

Rotation speed: 1-2rpm Load capacity: 4kg max. Mirror ball diameteer: 30cm

#### 7710462: Motor 50 incl. Double lug suitable for mirror balls of up to 50cm diameter

Power supply: 230-240V AC, 50Hz ~ Power consumption: 4W

Roatation speed: 1-2rpm

Load capacity: 9kg max.

Mirrior ball diameter: 50cm

#### **Disposal:**

At the end of the operating life, please return the product to a local recycling center. Do not dispose / in normal trash! For more information, please contact your distributer or local authority.

Subject to technical changes and errors without prior notice.

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