

Showtec

Standing Mirrorball

ORDERCODE 60421



SHOWELECTRONICS FOR PROFESSIONALS

Congratulations!

You have bought a great, innovative product from Showtec.
The Showtec Standing Mirrorball brings excitement to any venue.

You can rely on Showtec, for more excellent lighting products.
We design and manufacture professional light equipment for the entertainment industry.
New products are being launched regularly. We work hard to keep you, our customer, satisfied.
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You can get some of the best quality, best priced products on the market from Showtec.
So next time, turn to Showtec for more great lighting equipment.
Always get the best -- with Showtec !

Thank you!



Showtec Standing Mirrorball™ Product Guide

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WARNING



CAUTION!
Keep this device away from rain and moisture!



**FOR YOUR OWN SAFETY, PLEASE READ THIS USER MANUAL CAREFULLY
BEFORE YOUR INITIAL START-UP!**

SAFETY INSTRUCTIONS

Every person involved with the installation, operation and maintenance of this device has to:

- be qualified
- follow the instructions of this manual



CAUTION! Be careful with your operations.
**With a dangerous voltage you can suffer
a dangerous electric shock when touching the wires!**



Before your initial start-up, please make sure that there is no damage caused by transportation. Should there be any, consult your dealer and do not use the device.

To maintain perfect condition and to ensure a safe operation, it is absolutely necessary for the user to follow the safety instructions and warning notes written in this manual.

Please consider that damages caused by manual modifications to the device are not subject to warranty.

This device contains no user-serviceable parts. Refer servicing to qualified technicians only.

IMPORTANT:

The manufacturer will not accept liability for any resulting damages caused by the non-observance of this manual or any unauthorized modification to the device.

- Never let the power-cord come into contact with other cables! Handle the power-cord and all connections with the mains with particular caution!
- Never remove warning or informative labels from the unit.
- Do not open the device and do not modify the device.
- Do not insert objects into air vents.
- Do not connect this device to a dimmerpack.
- Do not shake the device. Avoid brute force when installing or operating the device.
- Never look directly into the light source.
- Never leave any cables lying around.
- Do not switch the device on and off in short intervals, as this would reduce the device's life.
- Never use the device during thunderstorms, unplug the device immediately.
- Only use device indoor, avoid contact with water or other liquids.
- Avoid flames and do not put close to flammable liquids or gases.
- Only operate the device after having familiarized with its functions.
- Always replace the lamp, when it is damaged or deformed due to the heat.
- Always allow free air space of at least 50 cm around the unit for ventilation.
- Always disconnect power from the mains, when device is not used or before cleaning! Only handle the power-cord by the plug. Never pull out the plug by tugging the power-cord.
- Make sure that the device is not exposed to extreme heat, moisture or dust.
- This device is only designed for a standing installation!
- Make sure that the available voltage is not higher than stated on the rear panel.

- Make sure that the power-cord is never crimped or damaged. Check the device and the power-cord from time to time.
- Make sure that no side forces can impact on the truss system.
- Make sure that the rotation of the mirror ball is not interrupted in any way by decoration parts, etc.
- Make sure that, at the installation place, the mirror ball cannot start to swing due to air currents, etc. The mirror ball and the motor should be hung and operated absolutely vibration-free.
- Regularly examine whether the keyring or the chain has any deformations. If you find any, immediately detach the mirror ball.
- The length of the chain with the mirror ball may never exceed 100 cm.
- If the external cable is damaged, it has to be replaced by a qualified technician.
- If device is dropped or struck, disconnect mains power supply immediately. Have a qualified engineer inspect for safety before operating.
- If the device has been exposed to drastic temperature fluctuation (e.g. after transportation), do not switch it on immediately. The arising condensation water might damage your device. Leave the device switched off until it has reached room temperature.
- If your Showtec device fails to work properly, discontinue use immediately. Pack the unit securely (preferably in the original packing material), and return it to your Showtec dealer for service.
- For adult use only. Device must be installed out of the reach of children. Never leave the unit running unattended.
- The user is responsible for correct positioning and operating of the Standing Mirrorball. The manufacturer will not accept liability for damages caused by the misuse or incorrect installation of this device.
- This device falls under protection class III.
- During the initial start-up some smoke or smell may arise. This is a normal process and does not necessarily mean that the device is defective.
- Repairs, servicing and electric connection must be carried out by a qualified technician.
- For replacement use lamps and fuses of same type and rating only.
- WARRANTY: Till one year after date of purchase.



CAUTION ! EYEDAMAGES !.
Avoid looking directly into the light source.
(meant especially for epileptics) !



OPERATING DETERMINATIONS

This device is not designed for permanent operation. Consistent operation breaks will ensure that the device will serve you for a long time without defects.

The minimum distance between light-output and the illuminated surface must be more than 0,5 meters.

The maximum ambient temperature $t_a = 45^{\circ}\text{C}$ must never be exceeded.

The relative humidity must not exceed 50 % with an ambient temperature of 45°C .

Make sure that the poles are correct when inserting the battery.

Make sure that the battery cannot be short-circuited, thrown into the fire and be charged. There is a danger of explosion.

Leaking or damaged batteries can cause irritations when getting into contact with the skin. In this case use appropriate protective gloves.

When the device is not used for a long time, please remove the batteries.

The batteries are chemical waste and may not be thrown away. Be sure to take care of the environment and bring the batteries to a designated collect point for chemical waste.

If this device is operated in any other way, than the one described in this manual, the product may suffer damages and the warranty becomes void.

Any other operation may lead to dangers like short-circuit, burns, electric shock, lamp explosion, crash etc.

You endanger your own safety and the safety of others!

Rigging

Please follow the European and national guidelines concerning rigging, trussing and all other safety issues.

Do not attempt the installation yourself !

Always let the installation be carried out by an authorized dealer !

Improper installation can cause serious damage to people and property !

Description of the device

Features

The Standing Mirrorball is a mirrorball from Showtec.

- Operated by batteries or by DC Adapter
- Mirrorball diameter: 20 cm.
- 2 rotations p. min.
- Plug-&-Play

Overview



Fig. 1

Installation

Damages caused by non-observance are not subject to warranty.

Mirrorballmotor Installation

Procedure :

1. On the bottom of the device are the holes for the installation.
2. Hold the device to surface, where you want to install it.
3. Mark the spots with a marker, where you want to drill the holes.
4. Drill the holes in the marked installation spot.
5. Hold the device in the desired position and fasten the screws.

Set Up and Operation

Before plugging the unit in, always make sure that the power supply matches the product specification voltage. Do not attempt to operate a 120V specification product on 230V power, or vice versa.

Connect the powercord to the wall and the mirrorball will start turning.

Maintenance

The operator has to make sure that safety-relating and machine-technical installations are to be inspected by an expert after every four years in the course of an acceptance test.

The operator has to make sure that safety-relating and machine-technical installations are to be inspected by a skilled person once a year.

The following points have to be considered during the inspection:

1. All screws used for installing the device or parts of the device have to be tightly connected and must not be corroded.
2. There may not be any deformations on housings, fixations and installation spots.
3. Mechanically moving parts like axles, eyes and others may not show any traces of wearing.
4. The electric power supply cables must not show any damages or material fatigue.

The Showtec Mirroball Set requires almost no maintenance. However, you should keep the unit clean. Otherwise, the fixture's light-reflection will be significantly reduced. Disconnect the mains power supply, and then wipe the mirrorball clean with glass cleaner and a soft cloth. Do not immerse in liquid. Do not use alcohol or solvents. Keep connections clean. Disconnect electric power, and then wipe the connections with a damp cloth. Make sure connections are thoroughly dry before linking equipment or supplying electric power.

Troubleshooting

Showtec Standing Mirrorball

This troubleshooting guide is meant to help solve simple problems.

If a problem occurs, carry out the steps below in sequence until a solution is found. Once the unit operates properly, do not carry out following steps.

1. If the device does not operate properly, unplug the device.
2. Check the fuse, power from the wall, all cables, etc.
3. If all of the above appears to be O.K., plug the unit in again.
4. If nothing happens after 30 seconds, unplug the device.
5. Return the device to your Showtec dealer.

No Turning of the Mirrorball

This troubleshooting guide is meant to help solve simple problems. If a problem occurs, carry out the steps below in sequence until a solution is found. Once the unit operates properly, do not carry out following steps.

If the light effect does not operate properly, refer servicing to a technician.

Response: Suspect two potential problem areas: the power supply or the batteries.

1. Power supply. Check that the unit is plugged into an appropriate power supply.
2. Batteries. Check if the batteries are full or empty.

Product Specification

Model: Showtec Standing Mirrorball

Mirrorball

Diameter: ø 200mm

Weight: 0,75 kg

Mirrorballmotor

Voltage : AC 230V-50Hz (CE)

Power: 4W

Rotation: 2 rpm.

Max. Mirrorballdiameter: 20 cm

Dimensions: ø 110mm, Höhe 58mm

Weight: 0,3 kg

Design and product specifications are subject to change without prior notice.





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