

SAFETY INSTRUCTIONS

CAUTION:

To reduce the risk of electrical shock, disconnect the spotlight from the mains before cleaning or servicing the unit. No user serviceable parts inside without authorization; refer servicing to qualified personnel.

WARNING:

1. To reduce the risk of fire or electrical shock, do not expose the spotlight to rain or moisture.
2. If you want to dispose of this product, do not mix with general household waste. There are separate collection systems for used electronic products in accordance with legislation under the WEEE Directive (Directive 2002/96/EC) and is effective only within the European Union.



3. WARNING-use only lamps complying with EN60432-3

ETAILED SAFETY INSTRUCTIONS

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.

4. Follow all instructions.
5. Do not use this device near water.
6. Clean only with a dry cloth.
7. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat. Do not mount the spotlight on or near easily flammable surfaces.
9. Do not under any circumstances remove the power plug safety mechanism.
10. Protect the power cord from being walked on or pinched particularly at plugs, extension cords, and the point at which they exit the unit.
11. Only use attachments/accessories specified by the manufacturer.
12. Unplug this device during lightning storms or when not used for long periods of time.
13. Refer all servicing to qualified service personnel. Servicing is required when the unit has been damaged in any way, such as the power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the device, the unit has been exposed to rain or moisture, does not operate normally, or has been dropped.
14. The spotlight has not been designed for outdoor use, and should be used in dry rooms only, with a humidity below 90%. Don't use the spotlight near water (e.g. bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool, etc.).
15. Be sure to install a lens and attach the protective mesh before you attempt to operate the spotlight. The locking bracket of the color frame must be locked before the spotlight is switched on.
16. The spotlight must always be mounted and secured using the corresponding retention holes in the mounting bracket. When using

STUDIO PAR

a stand or hook clamp, be sure to attach the spotlight with a tightened steel screw (M12), washer and locknut. Additionally, the spotlight must be secured on the truss or stand with a safety steel cable.

10. The spotlight must be mounted at a minimum distance of 2m from the illuminated object, as the light beam can heat any such object to a temperature of 90°C. Avoid using easily flammable materials in the light beam.
11. The spotlight should be situated so that its location or position does not interfere with its proper ventilation. For example, the spotlight should not be situated on a bed, sofa rug, or similar surface, the same applies to truss-mounted operation: proper ventilation must always be ensured.

PROFESSIONAL DIE-CAST PAR SPOTLIGHT CHARACTERISTIC

1. Extremely high luminous efficiency with low power consumption.
2. It is applicable to GE 575 (lamp not supplied, only sold as accessory).
3. Ultra-rugged die-cast aluminum casing.
4. Four glass lenses included: narrow spot, spot and two medium flood.
5. Highly reflective polished reflector insert.
6. The Color frame can insert standard color paper.
7. Compact dimensions for easy transport and handling.
8. Flexible mounting bracket allows precise positioning.

I . BEFORE YOU BEGIN

STUDIO PAR

1.1 STUDIO PAR was carefully packed in the factory and the packaging is designed to protect the unit from rough handling. Nevertheless, we recommend that you carefully examine the packaging and its contents for any signs of physical damage, which may have occurred during transit. If the unit is damaged, please do not return it to our company, but notify your dealer and the shipping company immediately, otherwise claims for damage or replacement may not be granted. Shipping claims must be made by the consignee.

1.2 Mains connection: Prior to the initial operation of the spotlight STUDIO PAR, a mains plug must be attached to the power cord. Please use a commercially available shockproof plug with a minimum power rating of 2.5A (220/240V). The wires of the connecting cable are clearly marked according to their function. The power of spotlight should adapt to the bulb voltage, 120V/5A or 240V/2.5A AC. The power frequency should be 50/60Hz.

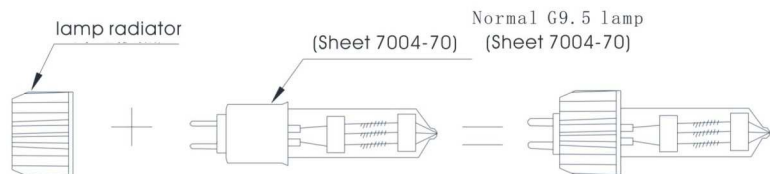
Note: Your STUDIO PAR must be grounded properly. For your own safety, you should not remove or defeat the ground connection of the spotlight or power cord. Make sure that the spotlight will be installed by qualified personnel only.

II . LAMP (accord with the safety regulation of the European Union)

We recommend that you use GE 575 (575W) or other compatible lamp with G9.5 socket. Make sure that the lamp you use is compatible with local voltage. If the lamp is operated with a voltage surpassing its nominal operating voltage, it can be damaged or its service

life reduced considerably.

The light has a radiator rack on lamp holder, so that a normal G9.5 (sheet 7004-70) lamp can be mounted on this light, and the radiator can help spreading the lamp heat.



DISASSEMBLING THE LAMP CASING / INSTALLING A LAMP

Please proceed as follows to replace the lamp (The lamp gets very hot during operation of the spotlight, so let it cool down sufficiently before you attempt to dismount it! Lamps that have been damaged must be replaced immediately.)

- * Disconnect the spotlight from the mains power supply, and unscrew the thumb screw on the rear of the lamp casing ③ (G9.5 socket). Carefully pull out the lamp casing ③ from the rear part of the spotlight.
- * Carefully take the lamp out of its carton by holding it at its socket:
- **Never touch the glass bulb of the lamp, as this can reduce the lamp's service life considerably. If you touch the glass bulb during installation, wipe it clean with a lint-free cloth damped with ethyl alcohol (spirit).**
- * Depending on socket type, using the corresponding temperature-resistant rubber adapter provided.
- * Press the lamp socket (and the rubber adapter) into the holder inside the lamp casing ③ until the lamp is safely mounted in place. The

entire bottom side of the lamp socket must be in contact with the casing.

- * Remount the casing and connect it to the grounding cable ② coming from the spotlight. Fasten the thumb screw until the casing is safely mounted in place.
- * Avoid touching the reflector with bare hands. Oily finger marks can bake onto the glass surface and substantially lower optical quality.

III. LENSES

Your STUDIO PAR spotlight is delivered with four glass lenses. The shape of each lens determines the light beam produced by the spotlight. Also use the turnable lens ring to optimally adjust the direction of the light beam.

Name	Quality	Properties
Narrow-spot lens	Transparent glass	Round beam (15°)
Spot lens	Grain screen glass	Round, slightly diffuse beam (19°)
Medium flood lens	Glass with few facets	Oblong beam (20° × 33°)
Wide medium flood lens	Glass with few facets	Oblong beam (30° × 50°)

Never use your STUDIO PAR without the protective mesh in combination with the color frame because it prevents direct contact with the hot lamp surface. It also prevents pieces of broken glass from

uncontrollably dispersing in the event of the lens being broken. Defective lenses (scratches, cracks, etc.) must be replaced immediately.

DISASSEMBLING THE LAMP CASING(The lens gets very hot during operation of the spotlight, so let it cool down sufficiently before you attempt to dismount it!)

- * Disconnect the spotlight from the mains and wait until it has cooled down.
- * Place the spotlight on a flat and stable surface. Never mount or dismount the lens while the spotlight is fixed to a truss or stand.
- * Remove the protective mesh ⑧: Press its two spring shackles, then pull out the mesh.
- * Directly in front of the lens, you will find a movable metal clamp ④ attached to the lens ring ⑤. Turn the lens ring until the metal clamp is located on the top side of the spotlight (directly below the locking bracket ⑬).
- * Tilt the front side of the spotlight forward by at least 45°.
- * Push the movable metal clamp upward to dismount and pull out the lens ⑩.

MOUNTING THE LENS

- * Tilt the spotlight forward and turn the lens ring ⑤ until the movable metal clamp ④ is located on the top side of the spotlight (directly below the locking bracket ⑬).
- * Insert the lens with its rounded side towards the rear. The lower edge of the lens must be located behind the projecting elements ⑥ of the lens ring.
- * Press the upper edge of the lens slightly towards the rear until it locks in behind the metal clamp ④.
- * Installation of the protective mesh ⑧: press the two spring

shackles of the protective mesh and place it directly in front of the lens ring ⑤. There are two slots in the cast casing of your STUDIO PAR for the “feel” of the protective mesh. The two spring shackles must be located directly below the locking bracket ⑬.

IV. COLOR FRAME

The color frame ⑪ is used to hold color filters. Please observe the following instructions to install the color frame.

- * Detach the locking bracket ⑬ on the top side of the spotlight by pushing it to the side. Then open the bracket and tilt it towards the rear.
- * Insert the color frame into the frame holders ⑨ and ⑫, i.e. the outer guiding rail (with stops on three sides) on the front side of the STUDIO PAR.
- * Push the locking bracket ⑬ to the side and move it down until it locks in.

Only use color filters with appropriate temperature resistance! Never use your STUDIO PAR without the protective mesh in combination with the color frame because it prevents direct contact with the hot lamp surface. It also prevents pieces of broken glass from uncontrollably dispersing in the event of the lens being broken.

V. CLEANING THE REFLECTOR

- * Disconnect the spotlight from the mains and remove the lamp casing as described in chapter 2.1.

- * Remove the color frame (11) (chapter 4), the protective mesh (8) and lens (10) (chapter 3.1), so that the reflector is easily accessible.
- * Cleaning the reflector. Use oil-free compressed air or a soft lint-free cotton cloth. Tenacious stains can be removed by adding some mild soap water; don't forget to remove all soap water remnants as well!
- * Remount the spotlight (see chapters 2 and 3.2)
- **Never clean the reflector with commercial window cleaners, as the chemical substances contained in these agents can damage the reflector insert!**
- **Don't use paper towels or other material with a rough surface to wipe the reflector clean, so as to avoid scratches damaging the reflector surface.**
- **Avoid touching the reflector with bare hands. Oily finger marks can bake onto the glass surface and substantially lower optical quality.**

VI. SUSPENDED INSTALLATION

Use mount bracket (1) to fix PAR lamp to stand or truss. Always use M12 steel screws to retain PAR lamp, your STUDIO lamp must be furnished with additional safe steel cable (7). It acts as the secondary hanging equipment, in installation, pass steel cable through eyelet (15), circle the stand or truss once, and lock up the lock ring. Once PAR lamp is adjusted, screw the adjusting nut (14).

VII. SPECIFICATIONS

Power: 575W max. (230V/50Hz)
 Max. room temperature: $T_a = 45^\circ\text{C}$

Max. temperature of exterior surfaces: $T_{\text{max}} = 180^\circ\text{C}$
 Dimensions (Height × Diameter): approx. 11 3/4" (300mm)
 × 9 1/4" (237mm)
 Weight: approx. 4.2kg

VIII. WARRANTY

★ 1 WARRANTY

- * Our company warrants the mechanical and electronic components of this product to be free of defects in material and workmanship for a period of one (1) year* from the original date of purchase, in accordance with the warranty regulations described below. If the product shows any defects within the specified warranty period that are not excluded from the warranty as described under ★2 our company shall, at its discretion, either replace or repair the product using suitable new or reconditioned parts. In the case that other parts are used which constitute an improvement, our company may, at its discretion, charge the customer for the additional cost of these parts.
- * If the warranty claim proves to be justified, the product will be returned to the user freight prepaid.
- * Warranty claims other than those indicated above are expressly excluded.

★ 2 WARRANTY REGULATIONS

1. Warranty services will be furnished only if the product is accompanied by a copy of the original retail dealer's invoice. Any

product deemed eligible for repair or replacement by our company under the terms of this warranty will be repaired or replaced within 30 days of receipt of the product at our company.

1. If the product needs to be modified or adapted in order to comply with applicable technical or safety standards on a national or local level, in any country which is not the country for which the product was originally developed and manufactured, this modification/adaptation shall not be considered a defect in materials or workmanship. The warranty does not cover any such modification/adaptation, irrespective of whether it was carried out properly or not. Under the terms of this warranty, our company shall not be held responsible for any cost resulting from such a modification/adaptation.
2. Free inspections and maintenance/repair work are expressly excluded from this warranty, in particular, if caused by improper handling of the product by the user.
3. Damages/defects caused by the following conditions are not covered by this warranty:
 - * Improper handling, neglect or failure to operate the unit in compliance with the instructions given in user or service manuals.
 - * Connection or operation of the unit in any way that does not comply with the technical or safety regulations applicable in the country where the product is used.
 - * Damages/defects caused by force majeure or any other condition that is beyond the control of our company.
 - * Any repair or opening of the unit carried out by unauthorized personnel (user included) will void the warranty.
5. If an inspection of the product by our company shows that the defect

in question is not covered by the warranty, the inspection costs are payable by the customer.

6. Products which do not meet the terms of this warranty will be repaired exclusively at the buyer's expense. Our company will inform the buyer of any such circumstance. If the buyer fails to submit a written repair order within 6 weeks after notification, our company will return the unit C.O.D with a separate invoice for freight and packing. Such costs will also be invoiced separately when the buyer has sent in a written repair order.

★ 3 WARRANTY TRANSFERABILITY

This warranty is extended exclusively to the original buyer (customer of retail dealer) and is not transferable to anyone who may subsequently purchase this product. No other person (retail dealer, etc.) shall be entitled to give any warranty promise on behalf of our company.

★ 4 CLAIM FOR DAMAGES

Failure of our company to provide proper warranty service shall not entitle the buyer to claim (consequential) damages. In no event shall the liability of our company exceed the invoiced value of the product.

★ 5 OTHER WARRANTY RIGHTS AND NATIONAL LAW

1. This warranty does not exclude or limit the buyer's statutory rights provided by national law, in particular, any such rights against the seller that arise from a legally effective purchase contract.
2. The warranty regulations mentioned herein are applicable unless they constitute an infringement of national warranty law.

STUDIO PAR

STUDIO PAR AN EXPLODED VIEW

