SHAPE 600 GKV

Instruction Manual

model:

PF 1260 SHAPE 600 GKV

ATTENTION

This instruction manual contains important information about the installation and use of the projector. Please read and follow these instruction carefully.

ATTENTION

Always ensure that the power to the projector is disconnected before opening the projector or commencing any maintenance work.

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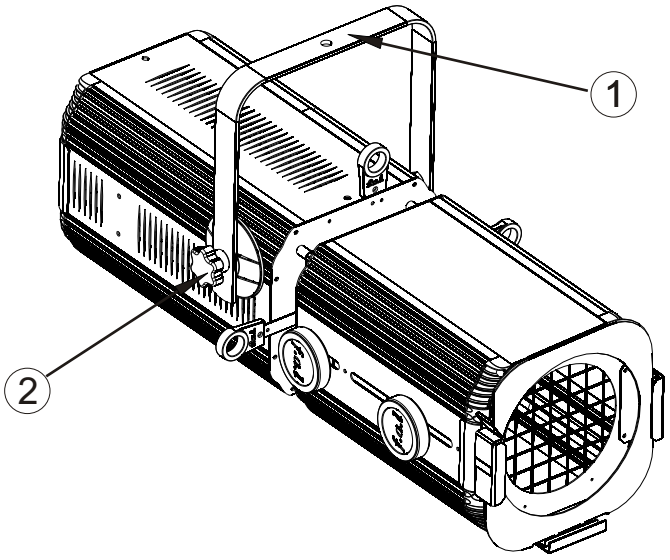
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01 – SAFE USAGE OF THE PROJECTOR

- Do not attempt to dismantle and modify the projector.
- Do not allow contact with water or any other fluids, or metallic objects（IP 20）.
- Do not install the projector in areas of high humidity.
- Not allowed to be mounted directly on inflammable surfaces.
- Keep at least 0. 5m distance between the projector and adjacent inflammable surface.
- The projector grill, lenses or ultraviolet filter must be changed if they are visibly damaged to the point at which their effectiveness is diminished, for example by becoming cracked or deeply scratched.
- The lamp must be replaced if it becomes damaged or deformed by heat.
- 5m Keep at least 5m between the lamp and the illuminated surfaces.
- Avoid direct exposure to the light from the lamp. The light is harmful to the eye.
- Note: The lamp reaches very high temperatures, allow at least 15 minutes for the lamp to cool completely before attempting to handle it. Ensure the lamp is cool before attempting to handle it.
- To ensure the reliability of the projector it should be kept clean. It is recommended that the fan should be cleaned every 15 days. The lens and dichroic filters should also be regularly cleaned to maintain an optimum light output.

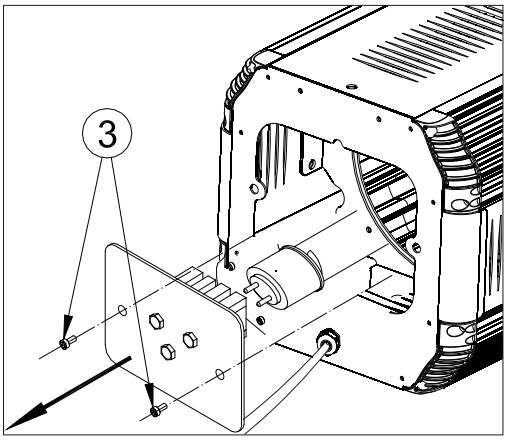
02 – INSTALLING THE PROJECTOR

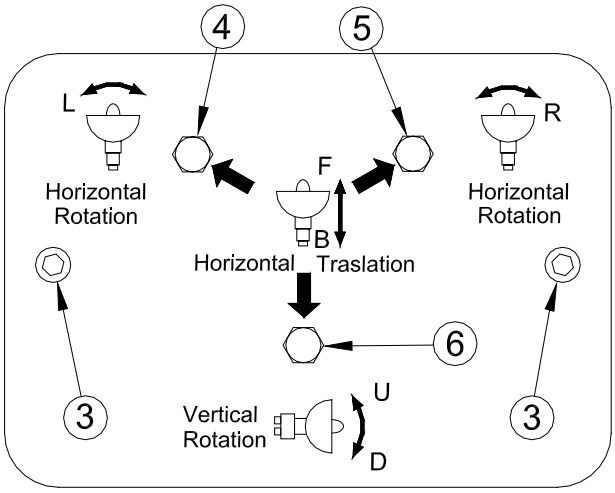
The projector should be mounted using M10 bolts through the 11mm hole in its bracket (1). For safety the projector should have a secondary fixing with a safety chain. Always ensure that the structure to which you are attaching the projector is secure and is able to support the weight of 5.3kg for each profiler. The projector bracket allows an angle adjustment of +/- 45° and, once positioned, the knob (2) should be firmly tightened.



03 - FITTING THE LAMP

Open the lamp access hatch at the rear of the projector by undoing the 2 bolts (3). Insert either a 575 HPL or a GKV 600 lamp in the lamp holder as shown below, it will often be necessary to adjust the lamp alignment to obtain an even distribution of light within the beam. The three screws (4, 5 and 6) may be gently turned to centre the lamp within the reflector. With the left one (4) it is possible to adjust the lamp horizontally to the left, with the right one (5) it is possible to adjust horizontally the lamp to the right, while the central screw (6) adjusts the lamp vertically. By adjusting the three screws together it is possible to move axially the lamp inside the reflector.

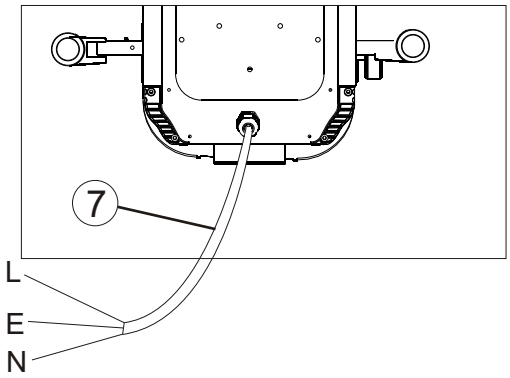




The projector should be switched on with the beam focused on a white surface to do this, it is also advisable to allow the lamp 5 minutes to come up to full brightness before starting to align it.
Note: the three screws will only need a small adjustment to centre the lamp, do not try to unscrew them completely. Read the rest of this manual and then come back to this section to align the lamp.
If the glass is accidentally touched, follow the manufacturers instructions for cleaning the lamp before you use it, otherwise the lamp life may be significantly reduced. Always read the manufacturers "Instructions for use" enclosed with the lamp.

04 - POWER SUPPLY - MAINS

In order to connect the device to the mains supply, you have to install a proper plug to the power cable (7) located on the rear of the followspot. Use the plug to connect the projector to the mains power, paying attention to the voltage and frequency marked on the label attached to the projector. The blue wire should be connected to the terminal marked N (neutral), the brown wire to the live (L) and the yellow and green wire to the earth(E).



L = Brown
E = Yellow/Green
N = Blue

Important

It is essential that each projector is correctly earthed and that electrical installation conforms to all relevant standards. Power consumption of the Shape 600 GKV is 600VA.

05 - ZOOM AND FOCUS

Zoom and focus of the light beam are obtained using 2 knobs (8-9) located on the right of the projector. The beam spread can be adjusted from 20° (handles apart, see Fig. A) to 40° (handles together, see Fig. B).

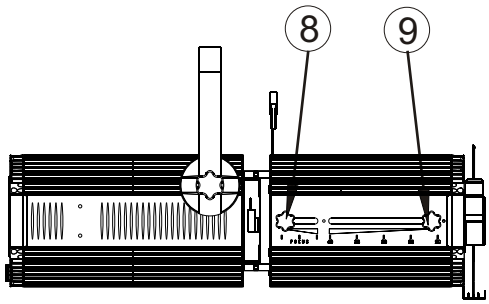


Fig. A - 20°

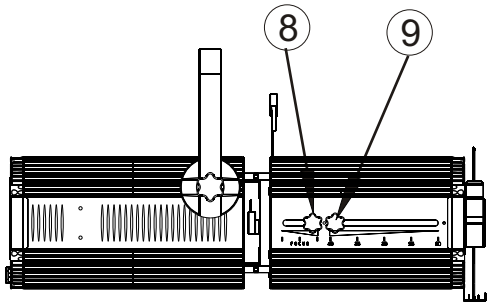
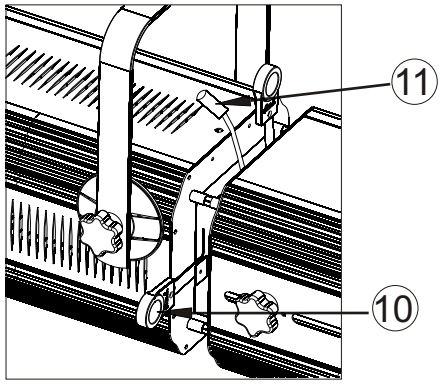


Fig. B - 40°

06 - PROFILE SYSTM AND IRIS(optional)

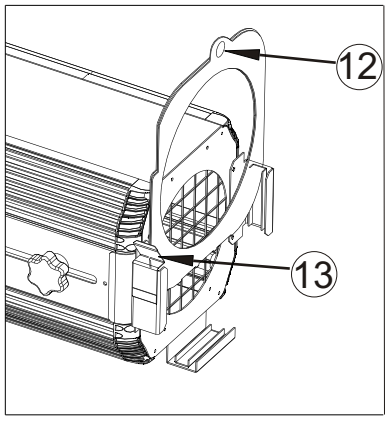
The Shape 600 GKV is provided with a profile system of 4 profile blades. Insert the four profile blades (10) in the appropriate 4 side slots and move them to cut the beam to the required shape.



The iris is adjusted by moving the lever (11) which allows a beam reduction up to 2°. Insert the iris in the slot on the upper side of the projector.

07 - FILTER FRAME

The filter frame (12) is located at the front of the projector. Pull the spring (13) and slide the filter frame out. Remove the spring clips from the frame and insert the coloured gel. It is recommended that only filters with a high temperature capacity are used.



08 - MAINTENANCE

If the projector's lenses become damaged or broken, they should be replaced.
If the lamp becomes damaged or deformed in any way it must be replaced.
If the light from the lamp appears dim this would normally indicate that it is reaching the end of its life and it should be changed at once, old lamps run to the extremity of their life can explode.

09 - KEEPING THE PROJECTOR CLEAN

To ensure the reliability of the projector it should be kept clean. The lens and dichroic filters should be regularly cleaned to maintain an optimum light output.

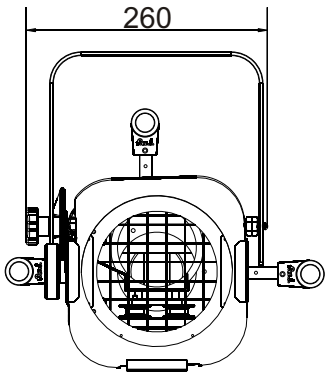
10 - TROUBLESHOOTING

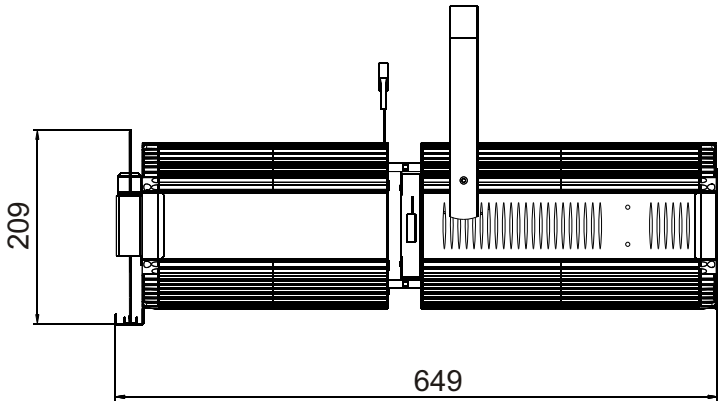
PROBLEM	POSSIBLE SOLUTION
projector does not turn on.	Check the electrical connections.
The projected beam appears to have a halo	Check the lamp is installed correctly (section 03).
The beam appears dim	The lamp may be at the end of its life and should be replaced. Check the optics are clean.

Any other maintenance should only be performed by a qualified person.

11 – TECHNICAL SPECIFICATION

POWER SUPPLY:	Fixture voltage dependent on lamp type/voltage selected.
POWER CONSUMPTION:	600VA at 230V.
LAMP:	H575 HPL or 600W GKV halogen lamp. Colour temperature 3200K. Socket G9. 5. Life 300 hours(manufacturers rating).
ZOOM:	Beam angle variable between 20° – 40°.
OPTICS:	High efficiency reflector in quartz coated aluminium. Plano convex lenses 100mm diameter. Typical throw distance from 2.5m to 10m.
COLOURS:	Filter frame with spring clips for easy filter change.
BEAM SHAPERS:	Steel shutter blades included.
IRIS:	Optional interchangeable iris.
GOBO HOLDER:	Optional adjustable gobo holder for 54mm diameter M-size gobo.
COOLING:	Construction assisted convection cooling.
HOUSING:	Extruded aluminium and steel plate. Metal parts have epoxy powder paint finish. Easy access to lamp and main components. Protection: IP20.
OPERATING CONDITIONS:	Projector may be tilted +/- 45° from the horizontal. Maximum ambient temperature 35℃.
DIMENSIONS:	649mm L x 260mm W x 209mm H. Weight 5.3kg.





Important information for the correct recycle/treatment procedures of this equipment

The European Directive 2002/96/EC on Waste Electrical and Electronic Equipment (WEEE), requires that old lighting fixtures must not be disposed of the normal unsorted municipal waste stream. Old appliances must be collected separately in order to optimise the recovery and recycling of the materials they contain and reduce the impact on human health and the environment.
The crossed out ″wheeled bin″ symbol on the product reminds you of your obligation, that when you dispose the appliance it then must be separately collected.
Consumer should contact their local authority or retailer for information concerning the correct disposal of their old appliance.

