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# [OPTI]<sup>TM</sup> K Mirror

## OPERATING INSTRUCTIONS (Circular Motion)

The OPTI K Range Circular Motion Mirror moves an image in an adjustable circular orbit which can be positioned at any angle through 360°.

**POWER SUPPLY 12V~**

### PROJECTORS

The K range of Effect Projectors. K2, K2+, K4 and K1 if fitted with adjustable rails. Also fits the Solar 250 with K Mirror Mounting Brackets (FG2029).

### LENSES

60mm, 85mm, 100mm and zoom lenses. Wider angle lenses like the 45mm and 25mm are not suitable.

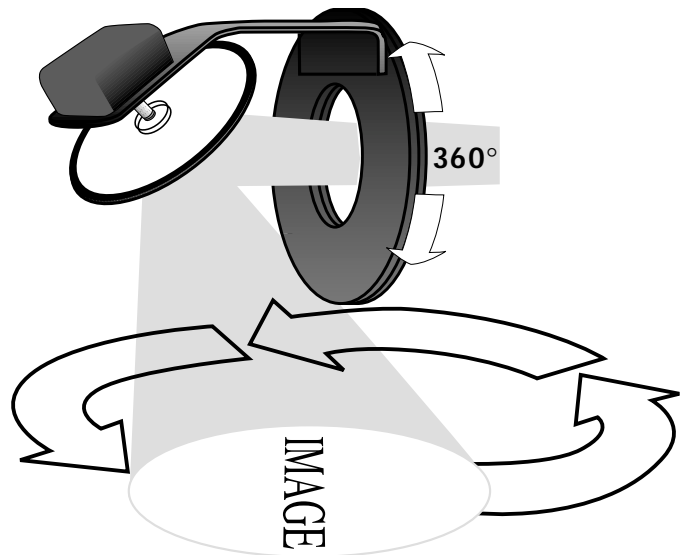
### FITTING TO A PROJECTOR

#### 1a. K Range

- i) Check length of rails on projector. If necessary adjust to appropriate length to accommodate the mirror by loosening the rail knobs.
- ii) Loosen knobs on the angled legs of the mirror cradle.
- iii) Insert angled sections into the 'T' section of the projector's rails. Re-tighten knobs.

#### 1b. Solar 250

- i) Fix mounting brackets to side of projector.
  - ii) Substitute flat ended nylon spacers for the scooped saddle washers supplied with the mirror.
  - iii) Insert thread of knobs on angled legs into the 'U' section of the mounting brackets with the angled metal sections above and spacers below.
  - iv) Tighten knobs.
2. Loosen the adjuster knob on the 'ring cradle' to rotate whole mirror assembly to desired position and then re-tighten.
  3. Switch on projector with effect in the gate.
  4. Tilt mirror by hand to approximately 45° and focus the projected image by adjusting lens.
  5. Tighten rails, lens and mirror fixings.
  6. Fit plug into one of the 12V~ sockets on the side of the Effects Projector. The mirror will now start to operate.
  7. Tilt mirror, by hand, to achieve the desired orbit.



### IMPORTANT NOTES

**AN EFFECT MUST ALWAYS BE IN THE GATE OF THE PROJECTOR WHEN IN USE.**

**READ THE EFFECT PROJECTOR MANUAL OR INSTRUCTIONS AND THIS INSTRUCTION SHEET BEFORE USE.**

**IF SUSPENDED ATTACH A SAFETY CHAIN TO THE EFFECTS PROJECTOR AND MIRROR.**

**DO NOT OPERATE IN DAMP OR WET CONDITIONS OR ALLOW WATER TO ENTER.**

**DO NOT OPERATE IF GLASS IS CRACKED.**

**DO NOT ATTEMPT TO SERVICE THE MIRROR OR PROJECTOR UNLESS YOU ARE QUALIFIED AND WORKING UNDER THE DIRECTION OF THE MANUFACTURER OR THEIR AGENT.**

### CLEANING

Cleaning can be done in-situ but is best done with the mirror removed from the projector with the rubber beading around the mirror also removed. Use a soft tissue or lens cloth with a little methylated spirit or pure alcohol.

### CHANGING

1. Remove screw from back of mirror which attaches it to the motor arm.
2. Replace with new mirror in reverse procedure.

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## IMPORTANT SAFETY INSTRUCTIONS

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When using your photographic equipment basic safety precautions should be followed, including the following:

1. Read and understand all instructions before using the equipment.
2. Close supervision is necessary when any appliance is used by, or near, children. Do not leave appliance unattended while in use.
3. Care must be taken, as burns can occur from touching hot parts.
4. The appliance switch is provided with the symbol 'O' indicating 'OFF' and 'I' indicating 'ON'.
5. Do not operate appliance with a damaged cord, or if the appliance has been dropped, or damaged, until it has been examined by a qualified service person.
6. Position the cord so that it will not be tripped over, pulled, or come into contact with hot surfaces.
7. If an extension cord is necessary, a cord with a current rating at least equal to that of the appliance should be used. Cords rated for less amperage than the appliance may overheat.
8. Always unplug appliance from electrical outlet before cleaning and servicing and when not in use. Never yank cord to pull plug from outlet. Grasp plug and pull to disconnect.
9. Let appliance cool completely before packing. Loop cord loosely around appliance when storing.
10. To reduce risk of electric shock, do not immerse product in water or other liquids.
11. To reduce the risk of electric shock, do not dismantle this appliance, but take it to a qualified repairer when servicing is required. Incorrect reassembly can cause electric shock when the product is used subsequently.
12. The use of an accessory attachment not recommended by the manufacturer may cause a risk of fire, electric shock, or injury to persons.
13. Connect this appliance to a grounded outlet.
14. Disconnect this unit from its source of supply before replacing the projection lamp.
15. The axis across the width of the projector should remain horizontal if possible. Tilting the projector along this axis may reduce lamp life.
16. During focussing of the projected image beware of rotating the projection lens too far anti-clockwise, as this may cause the lens to become separated from the projector, and perhaps dropped and broken which may cause injury.
17. DO NOT attempt lamp replacement while the unit is still hot as there is a risk of burns from the lamp.
18. The procedures described in the Maintenance section must be carried out by qualified service personnel who should work under the authority of the manufacturers recognised agent.
19. After any maintenance or cleaning all parts must be absolutely dry before refitting to the projector.
20. When replacing the cover of the projector always ensure that the wiring to the lamp and 12V~ sockets is correctly engaged within the slots in the cover and not trapped.

## SAVE THESE INSTRUCTIONS