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# [OPTI]<sup>TM</sup> Crystal Pulse

## INSTRUCTIONS FOR USE

The Crystal Pulse is intended for use with Optikinetics Solar effects projectors.

### Handling

#### CAUTION

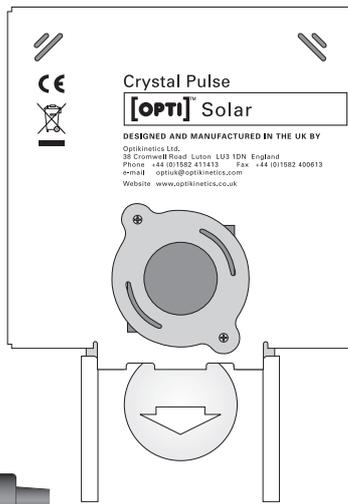
Handle the Crystal Pulse unit with care as it contains delicate optical parts.

### Operation

To fit and operate the Crystal Pulse.

1. Slide the Crystal Pulse unit into the rear gate runners of the projector. (DO NOT use the front gate.)

2. Plug the two pin plug into one of the 12V-accessory outlets on the side of the projector.



3. Switch on the Effects Projector and focus the image by twisting the focussing lens to move it in and out until the desired focus is achieved.

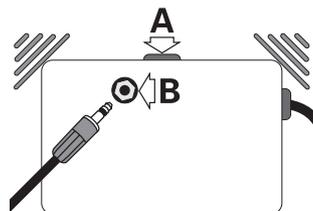


The Crystal Pulse will now respond to sound reaching the microphone.

### Audio

A built-in microphone (A) will respond to local sound.

Alternatively a direct audio feed may be connected via the 6.3mm (1/4") jack socket (B).



#### CAUTION

Do not exceed input power range  
(In 8 ohms system, 300W. max.)

### Cleaning

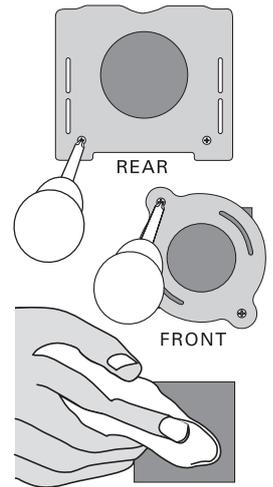
Dust may accumulate on the polarisers. To clean:

1. Undo the two retaining plate screws for each polariser.

Note the polariser orientation and the location mark(s).

2. Remove and clean with a soft cloth moistened with a little water.

3. Return to the correct position(s) and refit the securing plate(s).



### Important

If the polariser orientation is lost it may be re-established by holding the polariser(s) against each other and turning, in 90° increments, until they appear dark. Then carefully fit, as detailed above, ensuring that this same orientation is maintained

### Replacing Polarisers (Part No.: 0335)

The polarisers may degrade after extended use. The user may easily change these. Follow the procedure for cleaning (above), replacing the old polarisers with new ones.

Ready cut polarisers are available from Optikinetics.

### Changing the Crystal Wheel

(Part No.: FG6021)

Crystal wheels can easily be changed.

1. Remove the four screws in the case corners on the back of the unit.
2. Carefully separate the case parts, taking care not to catch the wheel glass.
3. Undo the boss retaining screw and lift the wheel off its spindle.
4. Fit the new wheel and reassemble in reverse order.

