



1. Product Name

LED Projector for Water Environments

2. Product Code

22126

3. Colour

White

4. Brief Description

Provides distraction and visual stimulation during bathtime. Adapted for use in damp environments, but equally useful in communal areas such as living rooms and dining rooms.

5. Contents

- 1 x LED Projector for Water Environments
- 1 x 85mm lens (attached)
- 1 x 12V DC Transformer with 2 metre IEC lead

6. Snoezelen® Stimulations

- Sight

7. Best Use

This product looks most effective in a darkened environment. Projections can be made even more visually striking when used with compatible products.

8. Compatible ROMPA® Products

The LED Projector must be used with an accessory in the rear gate, typically a Wheel Rotator:

22614 Wireless Magnetic Wheel Rotator

This projector cannot be used with the Magnetic Wheel Rotator 22335 nor the Standard Wheel Rotator 13170 as both these types of Wheel Rotators have a short cable from the motor that has a 2-pin plug on the end. LED Projectors supplied from January 2017 onwards no longer have two pin sockets towards the front of the projector – there is no socket to plug these older Wheel Rotators into. Each new Wireless Wheel Rotator turns the Effect Wheel automatically.

An Effect Wheel must be used in the Wheel Rotator e.g. 22365 Underwater, 22370 Sensory etc. Please see www.rompa.com for our extensive range of themed Effect Wheels.

Further accessories may be used with the Effect Wheels to move or multiply the effects e.g. 22636 Panoramic Rotator, Clip on Prism 19934. The previous model of Panoramic Rotator 14024 is not compatible with new Projectors.

Only use accessories intended for this projector – use of an accessory not recommended by the manufacturer could cause an accident, injury or damage. If in doubt, contact ROMPA® for advice.

Please see www.rompa.com for our range of projector accessories and switches.

9. Starting Up

- It is highly advisable that you read the full instructions before use.
- Choose a suitably safe location, taking into account all appropriate regulations for installing electrical products in wet environments. Consult a suitably qualified professional electrician for advice.
- Install securely using appropriate fixings.
- Place a Wireless Wheel Rotator with a wheel into the rear gate.
- Plug in power cord.
- Switch on – the appliance power switch has the symbols “O” for off and “I” for on.

10. Detailed Description

Provides distraction and visual stimulation during bathtime. Adapted for use in damp environments, but equally useful in communal areas such as living rooms and dining rooms. IP20 rated. Creates a large and ever-changing projection. Provides age-appropriate imagery to promote conversation and to help bathers to relax. Easily personalised - use a different effect wheel according to individual interests. Low power consumption. Compatible with accessories and wheels such as the Clip-on Prism. Requires Wireless Wheel Rotator 22614 or 22613. Not compatible with Wheel Rotators 22335, 13170, 16570 and 20685. With 85mm lens. 1200 Lumens. Weight: 3.3kg

11. Safety

- **Always supervise the use of this product.**
- Please check the item carefully for any damage that may have occurred during shipping. If the carton appears damaged, carefully check the shipping carton for damage and be sure all accessories necessary to operate the unit have arrived intact. In case of any difficulties, please contact ROMPA®.
- It is highly advisable that you read the full instructions before use. Keep the instructions in a safe and accessible place so that can be read as required.
- This projector has a conformal coating on the internal components. Whilst this can be used in a damp environment, the projector should be kept dry and only used indoors - do not expose it to rain, moisture or liquid or place near fabrics or combustible materials. Never immerse the projector in water or liquids. Avoid damp, excessive heat, humidity, dust and vibration.
- Mount the projector in a safe and stable manner in an area that allows proper ventilation.
- Do not block the air opening of the product or drop/insert anything into this opening.
- The appliance should be situated away from heat sources such as radiators, heat registers, stoves or other appliances (including amplifiers) that produce heat.
- Make sure the cables do not represent a tripping hazard.
- Power supply cords should be routed so that they are not pinched by items placed upon or against them, also avoid sharp bends, pinches and contact with hot surfaces, paying particular attention to the point that they exit from the unit. Do not allow the power cord to be pulled.
- Do not attempt to operate this unit if the power cord is frayed or broken or if the appliance has been dropped or damaged or in the unlikely event of product failure/malfunction.
- This product is not intended to be handled – it is essentially a visual product. Some parts can become warm with use. However, a suitably responsible adult may wish to access the projector periodically to change effects.
- Do not dismantle. Take the projector to a qualified repairer when servicing is required.
- To avoid the possibility of inadvertent resetting the thermal cut-out, this appliance must not be supplied via an external switching device, such as a timer or connected to a circuit that is regularly switched on or off.
- If using an extension cord, a cord with a current rating at least equal to that of the appliance must be used. Cords rated for less amperage than the appliance may overheat.
- Switch off and unplug after use. Pull the plug out gently and with care to disconnect – do not yank on the cable to unplug.

12. Technical Specification

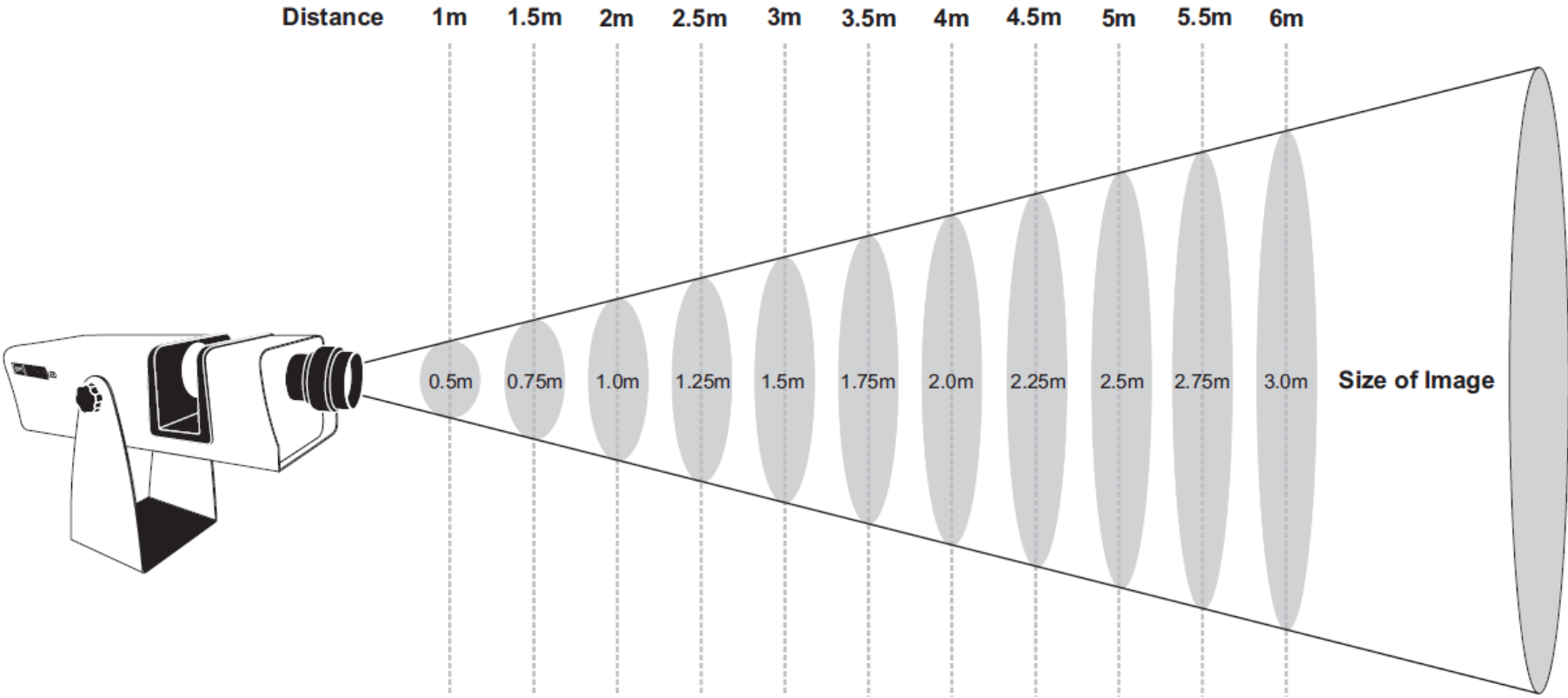
Size:	34.7L x 13.3W x 10.2cmD (22.8cm including bracket)
Power Rating:	62 Watts maximum
Voltage:	220-240V~ or 110-120V~ 50/60Hz
12VDC Output Current:	500mA maximum
Light:	40W LED Module Average LED Module life 100,000+ hours
Weight:	3.2kg
Lumens:	850 lumens (on screen)
Colour :	Colour temperature 4000° K
Cooling:	Tubeaxial fan
Standard lens:	3 element 85mm f2.8 42.5mm Helical Focus Groove
Operating:	Ambient temperature 10 to 35°C Relative humidity 80%rH max.
Mains fuse:	T1AH/250V ceramic (20mm x 5mm diameter)
Control inputs:	3.5mm mono or stereo jack plugs
IP:	IP 20 rating

13. Installation

Choose a suitable location for the projector, bearing in mind the following:

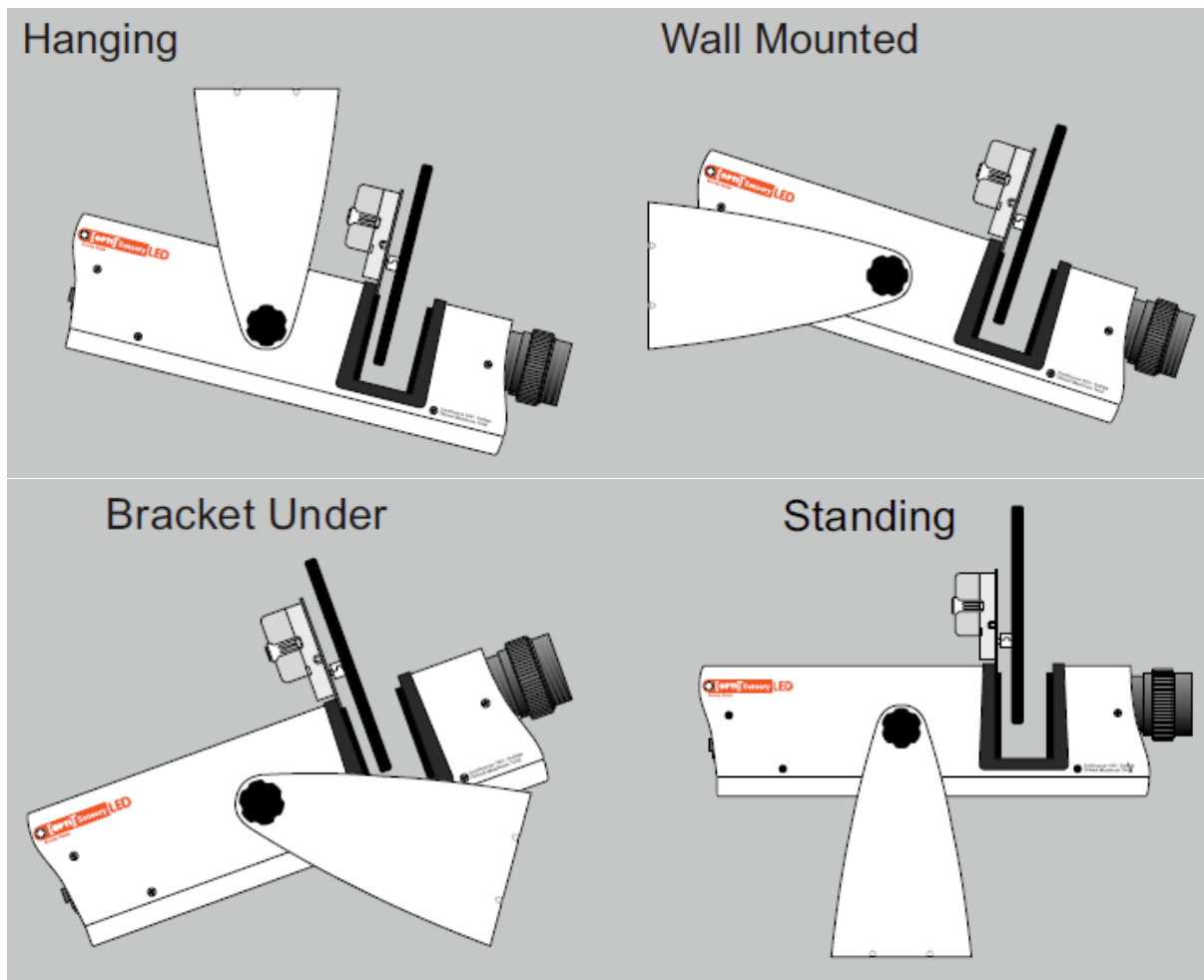
- Please seek advice from a suitably qualified electrician regarding the safe installation of this projector. Installation requirements will vary according to the zones of the water environment - please refer to the BS 7671: 2008+A3:2015 Requirements for Electrical Installations 17th Edition regulations (particularly point 702.55). It may be advisable to install this in a neighbouring room and project through a Perspex screen. Install indoors in dry environments only.
- This product requires one electrical socket.
- Make sure the projection will be onto a suitable surface – a surface free of objects and that is white or pale in colour.
- The projector is a visual product and should not be handled. However, you may wish to access the projector periodically to change effects.
- There must be unrestricted airflow around the projector, especially around the air inlet grille.
- If an extension cord is necessary, a cord with a current rating at least equal to that of the appliance must be used. Cords rated for less amperage than the appliance may overheat.
- The projector must always be connected to a grounded (earthed) electricity supply.
- Only connect to a power supply with a voltage corresponding to that printed on the projector. Use the adapter fitting that is appropriate to the country where the projector is being used.
- Do not use the projector at an angle of more than 90° from horizontal as this may cause an effect or effect accessory to separate from the projector, fall and break which may also cause injury.

- Consider the following projection distances AS WELL AS ALL SAFETY REQUIREMENTS OF ELECTRICAL ITEMS IN WET ENVIRONMENTS:



85mm (Lens)
Ratio for Distance 2:1 (Image Size - 85mm Lens)
The Object Diameter is 42mm

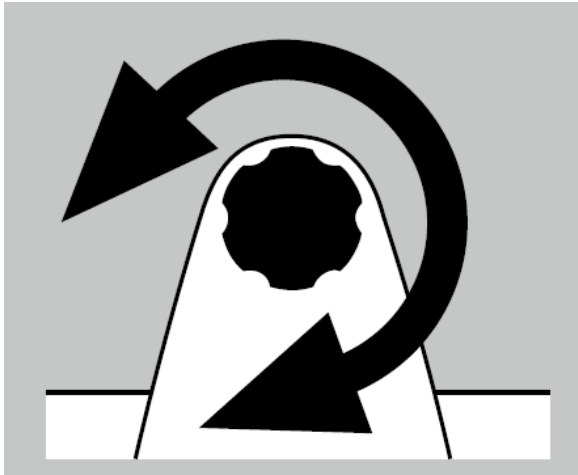
Use the projector's bracket to mount the projector in any of the following ways:



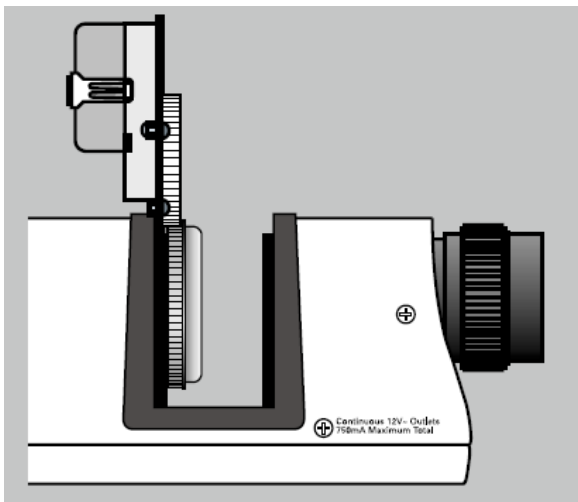
CAUTION: Never operate the projector in a position where the air vents can be blocked

- Ensure that the projector is secured to a surface or structure able to bear the weight of the projector and accessories, via the bracket fitted using suitable central bolt (minimum: 14mm M10 x 20mm), washers and attachments.
- For added strength in a fixed position on a flat surface, use the bracket as a marking template for drilling fastening holes. Use a minimum of 2 fasteners such as 2 x 40mm No 10 wood screws.
- A safety chain or cable must be fitted to the projector and secured to an immovable object.
- The mounting point must be able to support the weight of the projector should it fall.

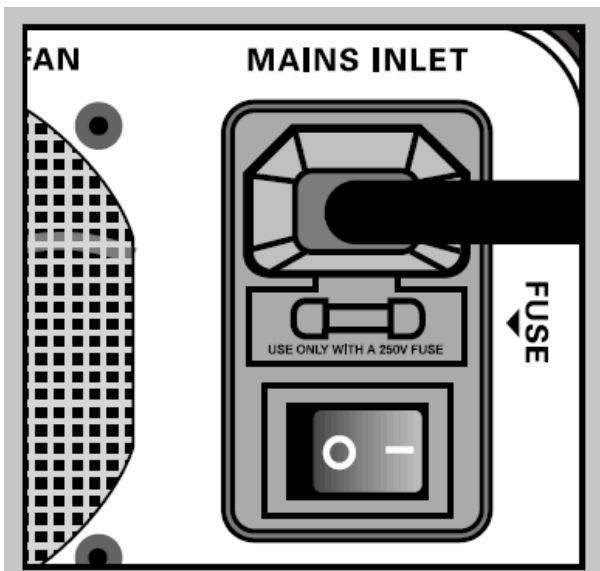
Adjust the angle and position of the effects projector using the knob which connects the bracket to the unit. Loosen the securing lever and move bracket to the desired position. Tighten lever securely. To adjust the position of the lever press the central button, pull lever away from the projector, turn to the desired position and release.



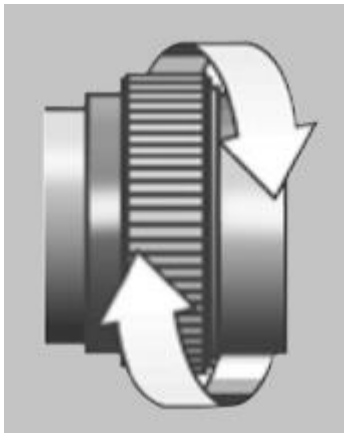
Place a suitable accessory in the projector e.g. Wireless Wheel Rotator with an Effect Wheel. Slide the Wireless Wheel Rotator (22614 Magnetic) into the rear gate runners (the main effect goes into the rear gate runners, with Distortion Wheels etc. in the front gate runners). Once the Wireless Wheel Rotator is in place, operation will begin instantly.



Plug the IEC lead into the IEC socket on the rear panel. Switch on at the wall. Turn the projector on by the main switch and flip the two toggle switches to the 'I' position. "O" is the OFF position.



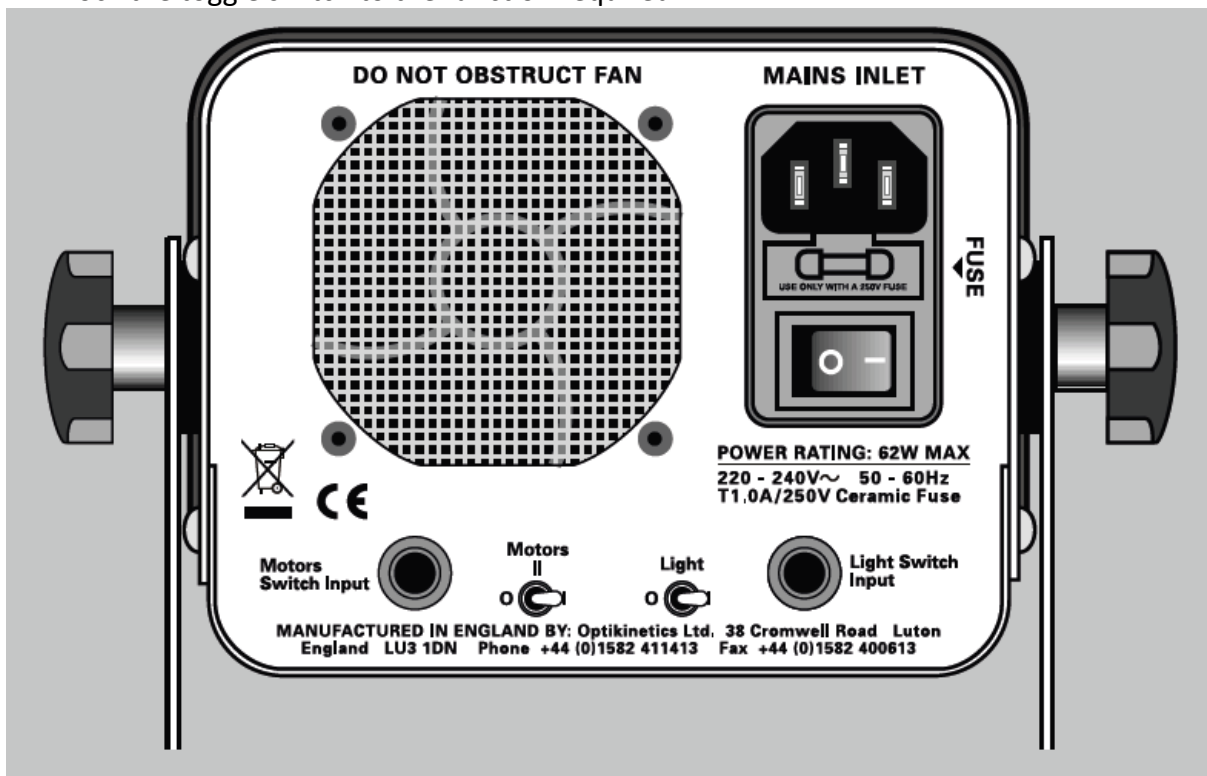
Focus the projected image by twisting the lens in and out until the desired focus is achieved. During focusing beware of rotating the projection lens too far out as this can cause the lens to separate from the projector and may drop and break or cause injury.



Projector use with external switches

The use of external switches is inadvisable in a wet environment – this feature is best suited to use in dry environments when the projector is being used on a table top

- Use a switch with a 3.5mm mono or stereo jack plug (a mono plug has one black ring around the plug; a stereo one has two). An adapter that converts 6.35mm to 3.5mm could be used if your switch has a larger 6.35mm end.
- Connect your switch to the appropriate jack socket – MOTOR or LIGHT. Choose MOTOR if you wish to stop the rotation of the effect with the switch being activated. Choose LIGHT if you wish to switch the light off with the switch being activated.
- Flock the toggle switch to the function required:

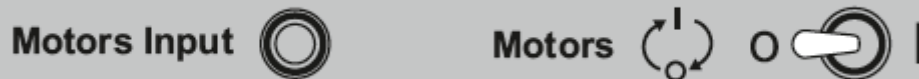


MOTOR TOGGLE SWITCH POSITIONS

O the motor sockets will be powered (ON). Tap or press the external switch for momentary OFF. Press and hold switch to remain OFF for as long as it is held.

I the motor sockets will remain ON or OFF depending what the previous position was. Press the external switch to latch the power supply to motorised accessories OFF or ON as required.

O the motor sockets will be OFF. Tap or press the external switch for momentary ON. Press and hold switch to remain ON for as long as is required.



LIGHT TOGGLE SWITCH POSITIONS

O the light will be powered (ON). Tap or press the external switch for momentary OFF. Press and hold switch to remain OFF for as long as it is held.

I the light will remain ON or OFF depending what the previous position was. Press the external switch to latch the power supply to motorised accessories OFF or ON as required.

O The light will be OFF. Tap or press the external switch to momentarily illuminate (ON). Press and hold switch to remain ON for as long as is required.



14. Care and Maintenance

- Always switch the projector off, unplug and allow to cool before moving, storing and before all maintenance e.g. changing a fuse. If storing, wrap the cable loosely around the projector once completely cool.
- The focusing lens should only be cleaned with a dry cloth, ensuring the fans are free from dust.
- Use a soft tissue or lens cloth with a little methylated spirit or pure alcohol to clean the focusing lens.



- Do not attempt to open the projector and never touch the LED module - it may fail if touched.
- For any repairs, please contact ROMPA®. Do not attempt to repair this product yourself.
- Once this product is eventually exhausted, please dispose of it responsibly and appropriately.
- To change the fuse: switch off, unplug, and replace the fuse with a new fuse of the same specification (T1AH/250V Ceramic 20mm x 5mm diameter). The fuse is located in the rear IEC panel. Prise out the fuse holder with a flat ended screwdriver. Refit the fuse holder and push in until it is flush with the surface of the IEC socket panel. If the fuse fails immediately, contact ROMPA® - do not use a fuse with a higher value.

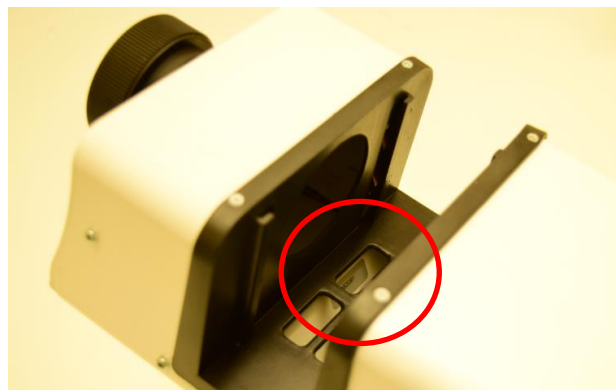
15. Troubleshooting

Problem: *The Clip On Prism (or other accessory) will not fit on the front lens of the projector*

- Check that the 'click-clack' has not been removed. This is a cylindrical piece that sits inside the lens (shown below). Check that this is not still attached to the accessory that has previously been removed from the projector. Reattach this part to fit an accessory onto the front lens in order to attach an accessory.



Should you need to contact us about this product, please have the serial number to hand. This can be located as indicated below:



Problem: *My Wheel Rotator has a cable with 2 pins – where does this connect?*

- Older Wheel Rotators are no longer compatible with this Projector. Please purchase a Wireless Wheel Rotator (preferably 22614 – wireless and magnetic version) and Effect Wheels compatible with your Wheel Rotator

In the unlikely event of product failure, please contact us.

Further copies of these instructions can be downloaded at www.rompa.com

We hope you find our instructions invaluable. If you have any suggestions for improving them further your comments will be greatly received – please contact us at

producthelp@rompa.com