

LP Morgan **Galleria Eclipse** user manual



LP Morgan Galleria Eclipse Installation/Operation Instructions

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Nov 2010 Version 1

LP Morgan Galleria Eclipse Installation/Operation Instructions

To the owner

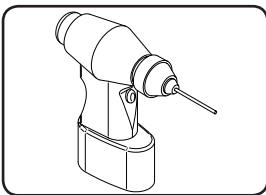
Congratulations on purchasing an Australian made **LP Morgan Galleria Eclipse Projection Screen**. This cinema quality screen uses the finest optical and mechanical components to give you a truly cinematic experience.

Please take a moment to review this manual, as it will ensure you many years of service from your new LP Morgan Galleria Eclipse Projection Screen.

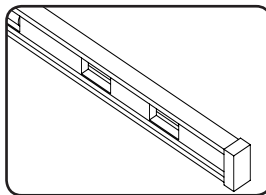
Safety first

- Ensure you have the correct voltages for your screen
- Wiring for Standard Motorised Screens (Wall Switch Version) must be done by a qualified electrician
- Should foreign matter fall into the unit, unplug it and have it checked by a qualified technician before use
- Disconnect from the mains power using the plug . Don't pull the cord!
- Work safely when installing the screen, use a ladder, be careful and wear appropriate safety gear
- Please keep this book for future reference

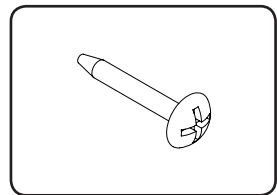
Required tools and parts



Electric drill with drill and driver bits



Spirit Level and pencil for marking

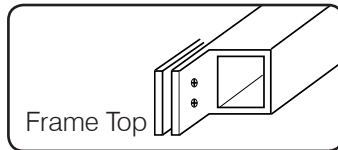
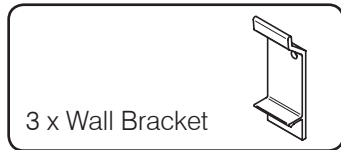
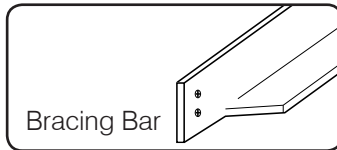
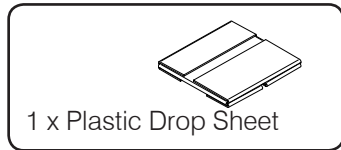
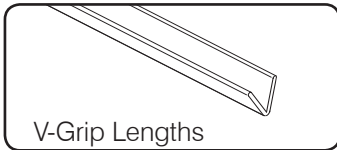
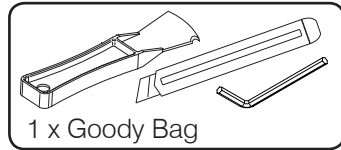
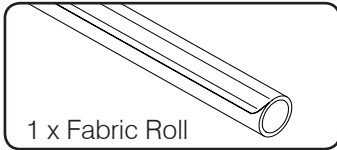
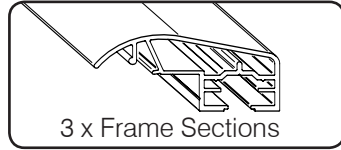
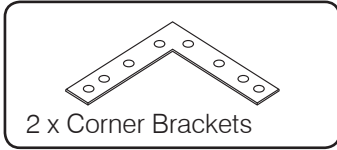


6 or more Screws to suit Wall type.
(Screw heads must be no higher than 4mm)

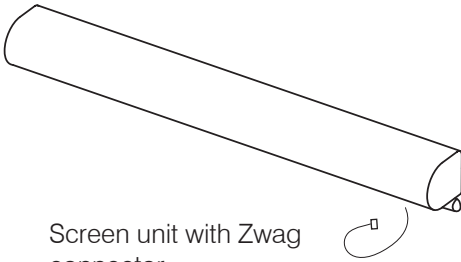
LP Morgan Galleria Eclipse Installation/Operation Instructions

Unpacking the Galleria

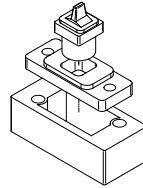
Supplied parts



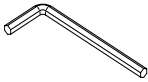
Rondo Standard Motorised parts supplied



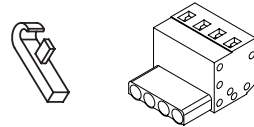
Screen unit with Zwag connector



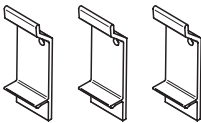
Wall Switch & Surround



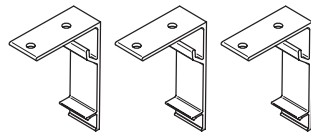
4mm Allen Key



Zwag connector with tool



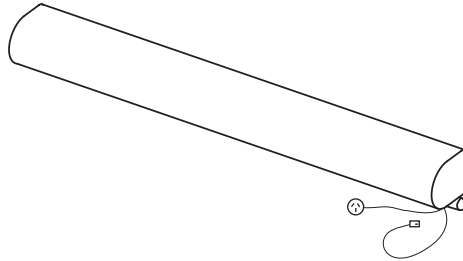
3 x Wall Brackets



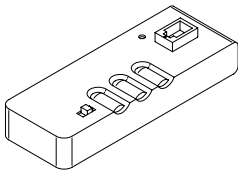
3 x Ceiling Brackets

The Dropper Bar is secured for transit.
Remove all adhesive tape before installing your screen.
All mains wiring must be done by a licensed electrician.
Professional installation is recommended for this product.

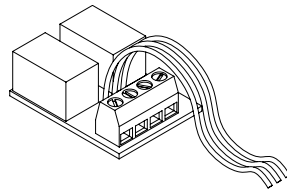
Rondo CC EasyFit parts supplied



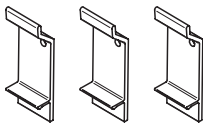
Screen unit with mains plug and RJ9 data cable



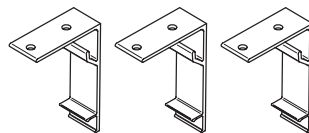
Limit Setting Tool



Screw Terminal connector



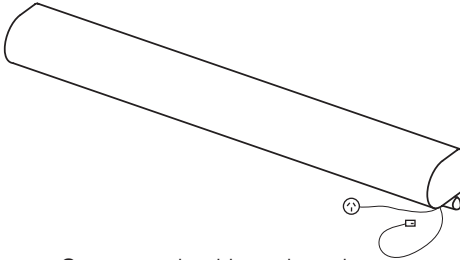
3 x Wall Brackets



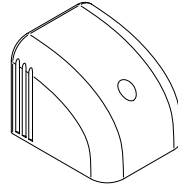
3 x Ceiling Brackets

The Dropper Bar is secured for transit.
Remove all adhesive tape before installing your screen.
All mains wiring must be done by a licensed electrician.
Professional installation is recommended for this product.

Rondo IR (Infra Red) EasyFit parts supplied



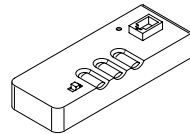
Screen unit with mains plug and RJ9 connector



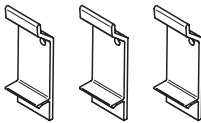
IR Sensor unit



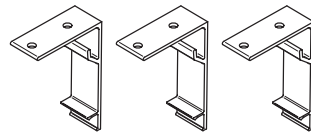
IR Remote control



Limit Setting Tool



3 x Wall Brackets

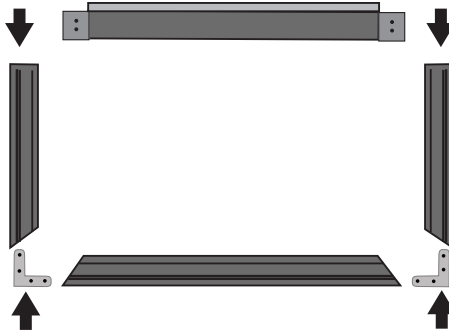


3 x Ceiling Brackets

The Dropper Bar is secured for transit.
Remove all adhesive tape before installing your screen.
All mains wiring must be done by a licensed electrician.
Professional installation is recommended for this product.

Assembling the screen

Assemble the frame face down on a flat non abrasive surface use plastic drop sheet if necessary. Please read the instructions carefully to avoid mistakes.



Insert corner brackets into the lower channel at each end of the longer base frame.

Slide the bevelled short side frames into the each corner bracket - ensuring the mitre joints are closed to a clean gap-free finish . Tighten each grub screw of the corner brackets.



Complete the frame section by attaching the top channel to each end of the side frames. Ensure the V-Grip channel is facing the outside of the screen frame.

Measure the diagonals to ensure the frame is square and tighten all screws. The screen frame is complete.


Attaching the screen material (Novares Fabric)

Novares screen fabrics have a white surface - **FRONT**, and a grey surface - **BACK**. The white surface is the VIEWING surface! Ensure the grey surface is facing up on top of the back, (channel-side) of the frame.

Both the front of the frame and the front of the fabric should be facing down!

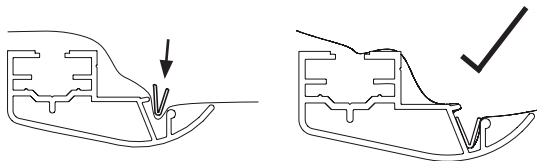
Roll the screen material on to the back of the assembled frame. A sticker usually indicates the viewing side, (usually white is the viewing surface and grey is the back).



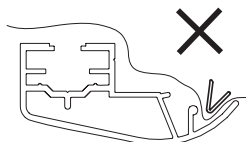
 Ensure the fabric is facing the right direction before securing with the V-Grips.

The material is held in the frame with V-Grip. The V-Grip sits in its special channel to hold the tension in the screen.

Correct insertion of V-Grip




V-Grip in the wrong channel

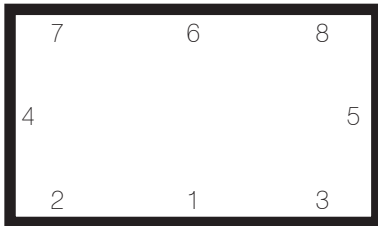


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Insert the V-Grips in the order shown below, commencing in the middle of the bottom frame (1) and working to the left corner (2) and then finishing the right corner (3). Trim the V-Grips to length if required. Complete the left side (4) and then the right side (5).


 **The base and sides (1 – 5) should all be fastened before proceeding.**

Trim the TOP left and right corners of the fabric to enable the fabric to slide underneath the bottom of the Frame Top bar and complete inserting the remaining V-Grips, (6 – 7 – 8).

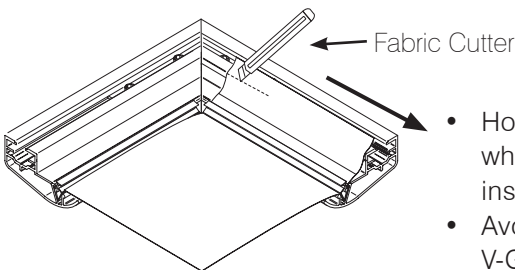


Insert the V-Grips in the order shown

Trimming the screen material

 Be sure the screen is tensioned correctly before trim.

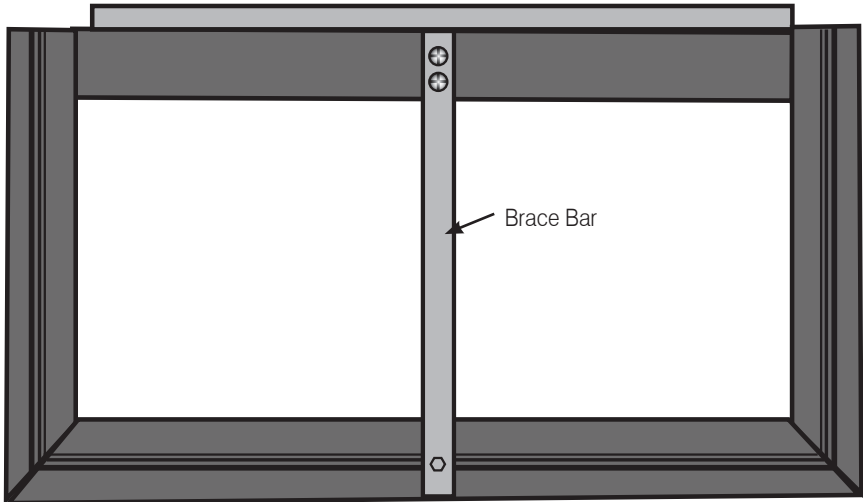
Trim the excess material to approximately 30mm - 40mm of the waste side of the V-Grips.



- Hold the fabric with one hand, while sliding the cutter along the inside edge of the frame.
- Avoid lifting up the fabric, as the V-Grip may pop out.

Bracing Bar

Secure the Bracing Bar to the back of the screen for added support and strength.



Masking Head

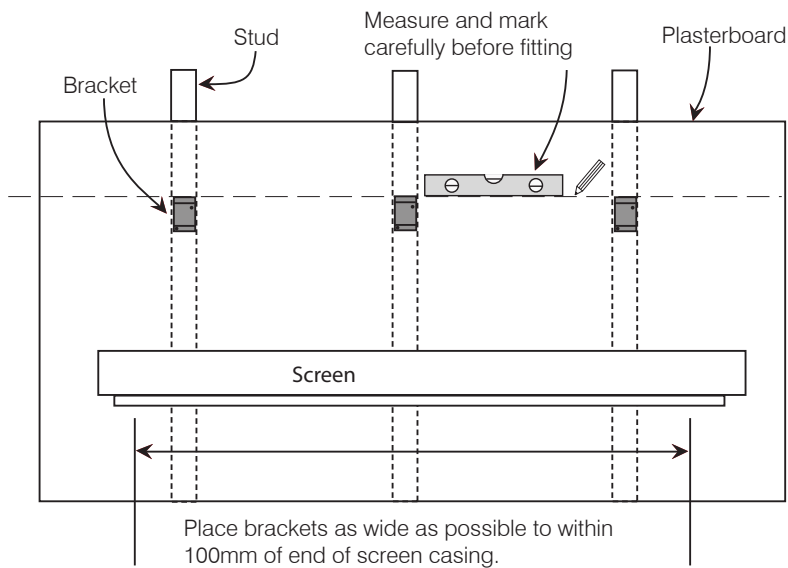


The Masking Head has a bracing point at each end which slides into the middle channel of the side frames and are secured by the 3 grub screws.


Mounting the screen

Wall mounting

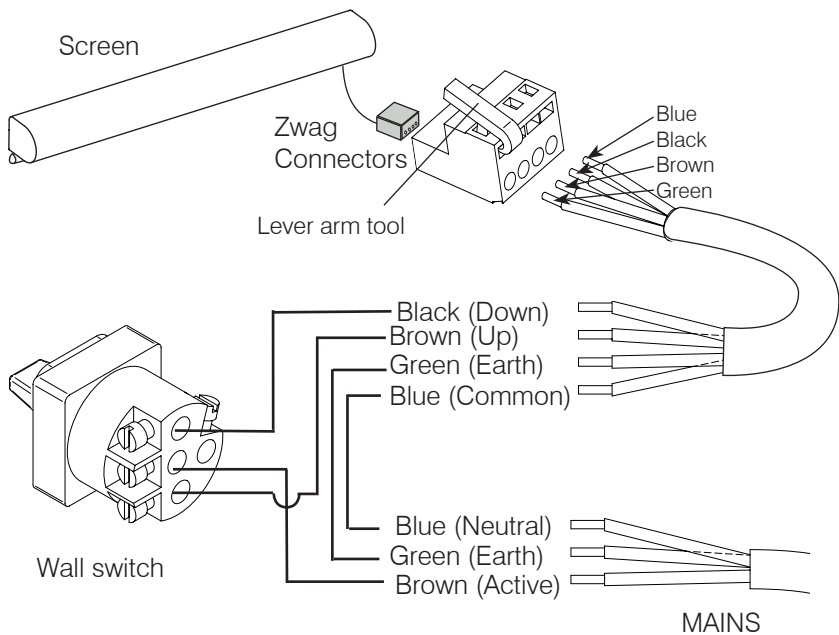
The wall brackets must be fastened securely to the wall. For plaster walls please secure the brackets to the studs. Space the brackets evenly and as wide as possible to within 100mm from the end of the casing. This allows for wiring (if needed) and also to give some lateral movement for projector and screen alignment.



Electrical installation - Standard Motorised Screens

 **By law all mains wiring must be done by a qualified electrician. Please show these instructions to your electrician.**

The following diagram shows the Zwag connector and switch wiring for the Rondo standard motorised. The lever arm tool is used to fix the wires into the Zwag connector.



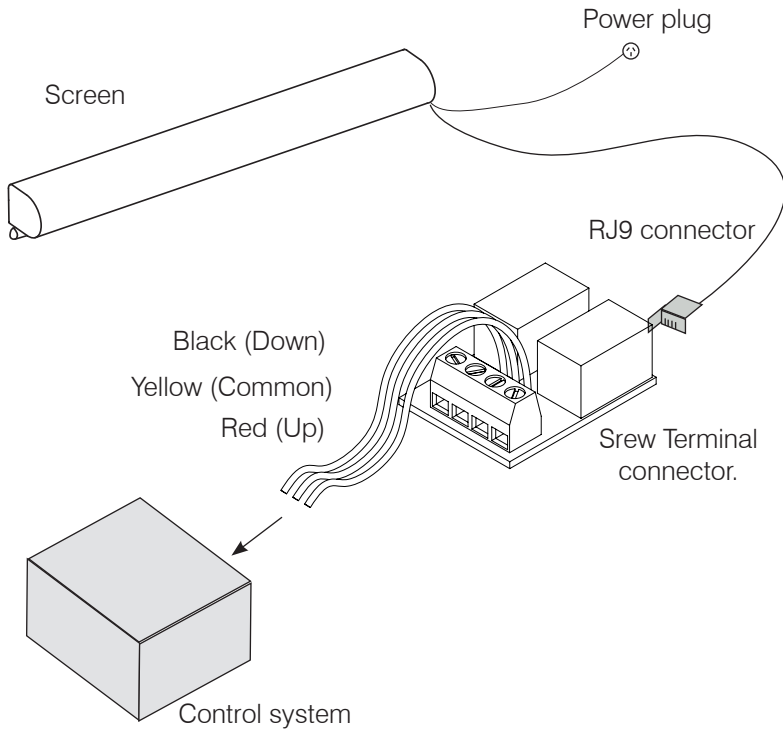
LP Morgan has a full range of other control options for use with your Standard Motorised Screen.

See www.lpmorgan.com.au for more details.

Electrical Installation - CC EasyFit Screen

CC EasyFit

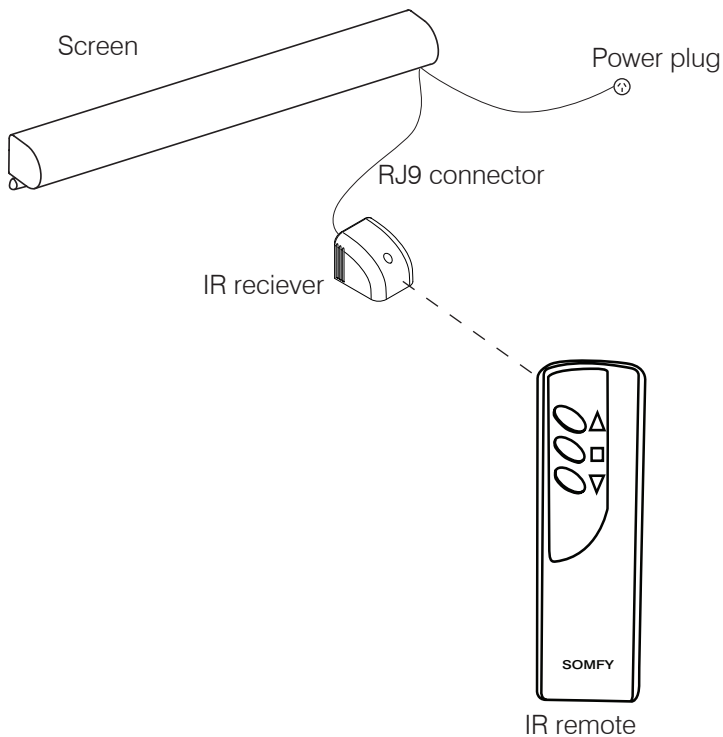
CC EasyFit screens have a screw terminal connector for quick connection to the relay contacts of a control system. It uses two relays to control the screen one for up, one for down. A momentary closure of either of the relays will move the screen. Plug the RJ9 connector into the terminal block, and wire your relays as shown below.



Electrical Installation - IR EasyFit Screen

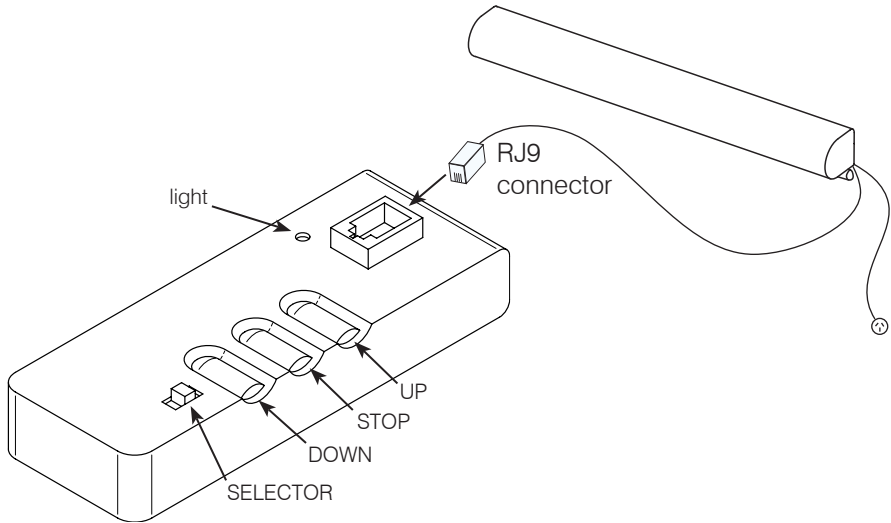
IR EasyFit

IR EasyFit screens use an infra-red receiver which should be located with a direct line of sight to the remote control. Simply connect the power cord and plug the IR receiver into the RJ9 connector. See the limit setting page to set your screens vertical position



Limit Setting - CC & IR EasyFit Screens

CC and IR EasyFit Screens are supplied with a Limit Setting Tool. This is used to set the lower limits of the masking system.



1. Connect the limit setting tool to the RJ9 connector. The light on the tool will light up.
2. Move the selector switch into the down position and using the up and down buttons on the limit setting tool set the screen to the desired viewing position.
3. Remove the limit setting tool and reconnect the terminal block or IR device.



Do not remove the warning sticker and adjust the upper limits. This may damage the screen and void your warranty.

Troubleshooting

- Check that the unit is correctly wired. Review the wiring diagrams in his manual.

Motorised

- If the motor has been running continuously for 4 minutes it will turn of Allow to cool for 20minutes before trying again.
- When using a seperate control product check that it is operating correctly.

CC EasyFit

- Check that the light on the limit setting tool lights up when connected to the screen. Check the power and RJ9 connections.
- If the screen will not lower properly check the lower limit. It may be set to the top position.

IR EasyFit

- Check that the IR reciever is visible to the remote control unit.
- Check the batteries in the remote control.
- Check that the light on the limit setting tool lights up when connected to the screen. Check the power and RJ9 connections.
- If the screen will not lower check the lower limit. It may be set to the top position

Screen Care

Cleaning your screen surface

- Never use solvents, chemicals or abrasive cleaners on the screen.
- Never use a scraper, razorblade or other sharp object to clean the screen.
- Use a soft cloth to remove any loose dirt or dust particles.
- Clean the screen with a mild detergent solution and a sponge or lint free cloth. Dab lightly to remove any stubborn marks, then blot with a damp sponge to absorb excess water. Dab off the detergent with clean water and dry with a soft cloth or towel. Do not let the detergent dry on the screen.

Cleaning your frame

- If your frame is powder-coated or anodised, use water with a mild detergent or methylated spirits and a soft cloth to wash off any marks. Rinse and dry with a clean cloth or towel. Take care not to wet the screen surface.
- If your frame features a flocked velour finish, use a lint brush to remove any dust on the frame.

Warranty Information

Please keep your original receipt for warranty.

Please fill out the online warranty form in order to qualify for the manufacturer's warranty.

<http://www.lpmorgan.com.au/owners.html>

The warranty covers defects in workmanship and materials, provided this product has been installed in a normal environment and maintained according to the written instructions. Herma warrants the product against loss of usefulness, discolouration or deterioration of optical quality within the warranty period as a result of manufacturing or material defects. This warranty applies only within Australia.

Please return your goods to the place of purchase for all warranty claims.

CONDITIONS –

Any equipment replaced pursuant to the terms of this warranty shall be retained by Herma.

All costs related to de-installation and re-installation of the product covered by this warranty are not the responsibility of Herma Technologies. Herma will not be responsible for any consequential damages during or following installation procedures.

Herma is not responsible for any freight costs relating to repair or replacement. Equipment must be returned to Herma in suitable packing to prevent damage in transit. Herma will not accept any responsibility for damage to the equipment caused by inadequate or unsuitable packing, or for any damage howsoever caused whilst the goods are in transit.

Herma Technologies shall not be liable for any injury, loss or damage, direct or consequential, arising out of the use of, misuse of, or inability to use, the equipment.

This Warranty does not cover any product which has been subjected to misuse, abuse, neglect, accidental or intentional damage, improper voltage or any alteration which affects the reliability or performance of the equipment not attributable to faulty manufacture, parts or labour and without limiting the generality of the foregoing shall not apply where the defect arose as the result of the following circumstances.

This Warranty does not cover any product where usage, adaptation or installation (including wiring of electrical connections) are not in accordance with our written installation and operating instructions.

Warranty Periods:

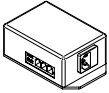
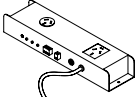
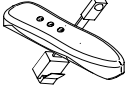
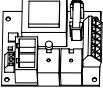


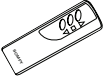
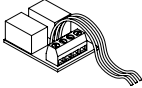
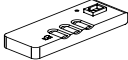
- Galleria Eclipse Frame and Assembly Hardware: 2 years from date of purchase.
- Screen Surface: 1 year from date of purchase.

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Extras

Accessories

The following Accessories are available from your LP Morgan Dealer:

Standard Motorised Screen accesories		
LPM43SCR12V:	12 Volt Screen Trigger – For use with projectors that have a 12V output.	
LPM48SCRTRIG	Current Sensing Trigger – For use with projectors that do not have a 12V output.	
LPM43IRKIT	Infra-red Retro Fit Kit – For IR remote control.	
EasyFit Screen accesories		
LPM43CCME	Close Contact Controller	
LPM43CE12V	EasyFit 12V Trigger	
LPM47154205A	Replacement IR Sensor	
LPM47KE10102	Replacement IR Remote	
LPM479050200	Replacement Screw Terminal Block	
LPM45SETTOOL	Replacement Limit Setting Tool	

Notes

Your LP Morgan Retailer is able to provide
more information on our products.
Or visit www.lpmorgan.com.au

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