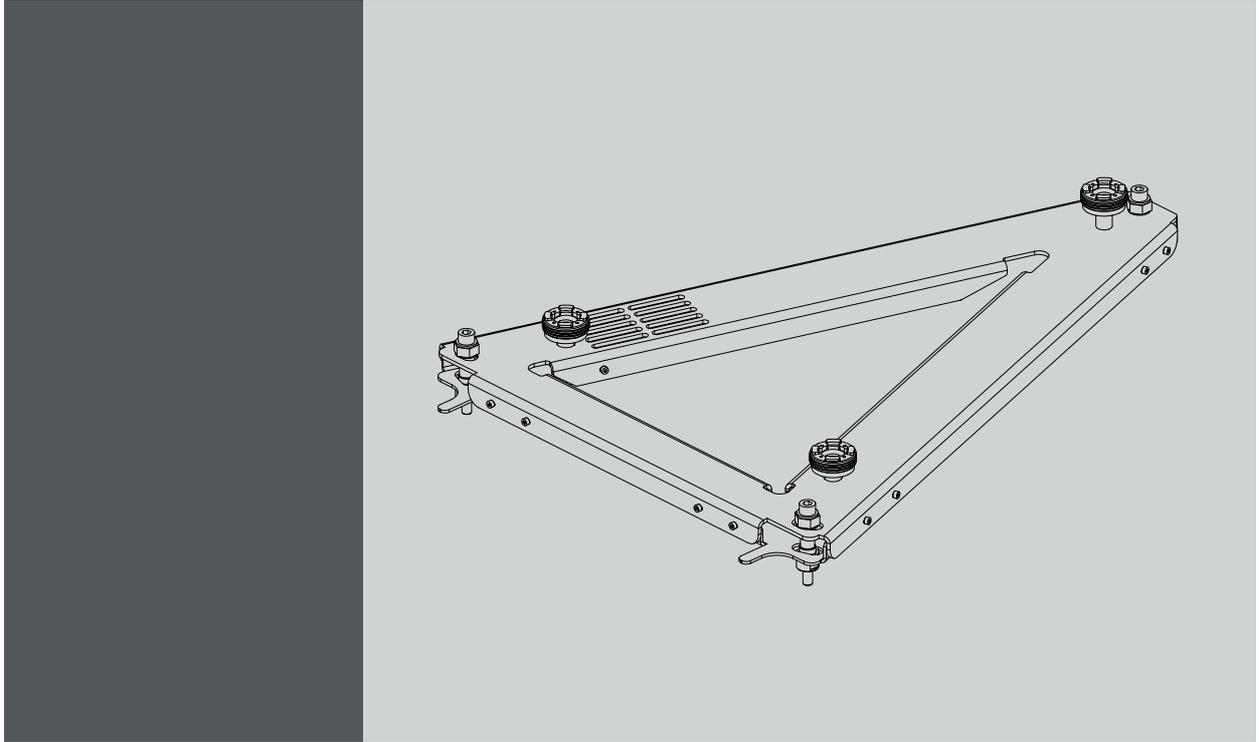


FLM/SLM adaptor plate



Installation manual

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1. FLM/SLM ADAPTOR PLATE

Overview

- FLM/SLM adaptor plate introduction
- Installation of the FLM/SLM adaptor plate
- Stacking an SLM projector upon an FLM projector
- Aligning stacked FLM/SLM projectors
- Dimensions of the FLM/SLM adaptor plate

1.1 FLM/SLM adaptor plate introduction

Introduction

The FLM/SLM adaptor plate allows you to easily stack an SLM projector with a FLM projector. This light weight adaptor plate (5,1 kg) has a triangular shape and each corner is provided with the same type of interlocking adaptor as the SLM projector. The FLM/SLM adaptor plate has to be installed upon the FLM projector with three bolts before attaching the SLM projector. The eyebolts on top of the FLM projector has to be removed when using the adaptor plate because the same threaded holes are used to fasten the adaptor plate.

The design of the FLM/SLM adaptor plate makes it possible the use the built in "SKEW" adjustment of the FLM projector. This functionality together with the adjustment possibilities of the interlocking adaptors allows a fast and easy alignment of the stacked projectors.

Parts location

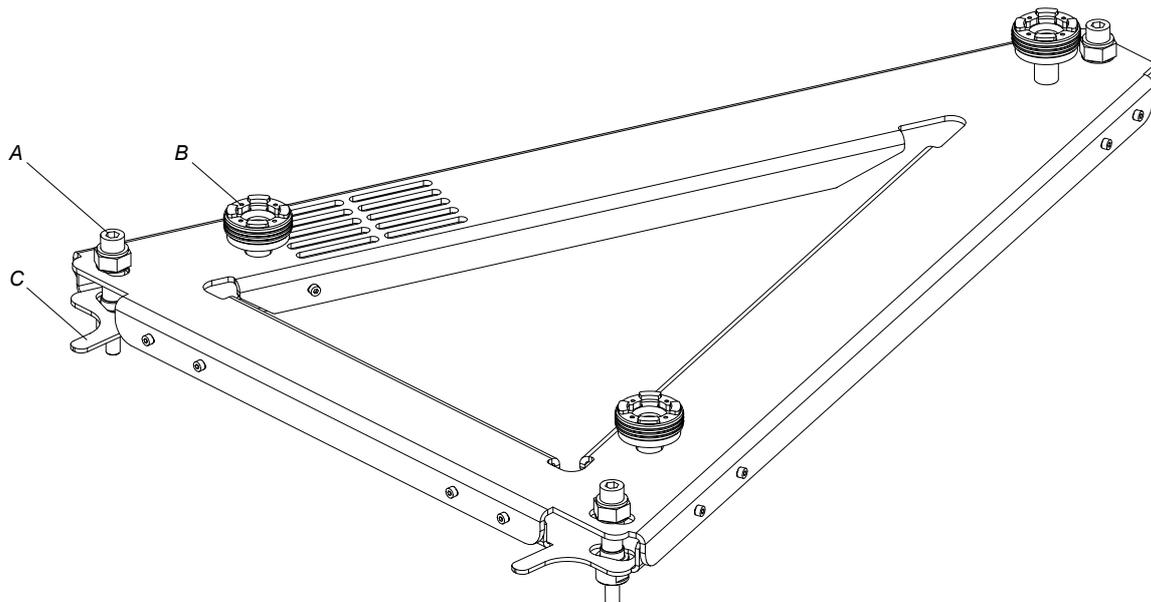


Image 1-1
FLM/SLM adaptor plate (R9854490)

- A Fixation bolt.
- B SLM interlocking adaptor.
- C Guidance for FLM skew adjustment.

1.2 Installation of the FLM/SLM adaptor plate

Necessary tools

8 mm Allen key.

How to install the FLM/SLM adaptor plate upon the FLM projector ?

1. Remove the three eyebolts and the two rear interlocking adaptors on top of the FLM projector. Use for that an eight millimeter Allen key.

1. FLM/SLM adaptor plate

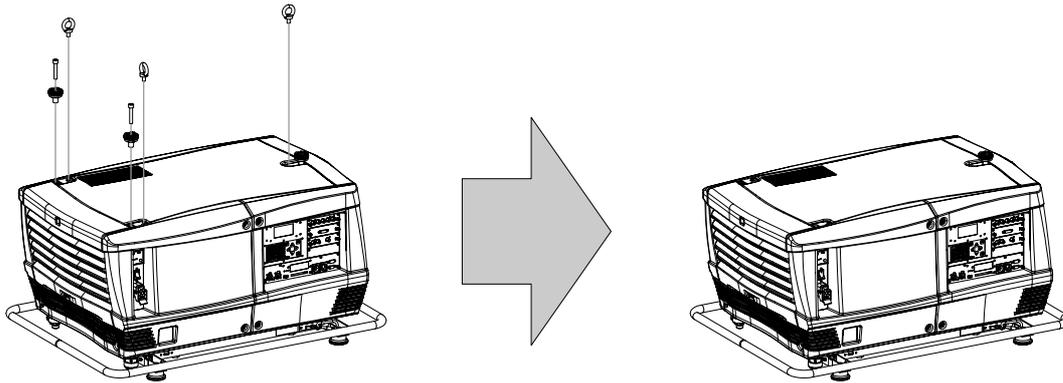


Image 1-2

2. Place the FLM/SLM adaptor plate on top of the FLM projector as illustrated. The fixation bolts of the FLM/SLM adaptor plate must fit into the threaded holes of the removed eyebolts.

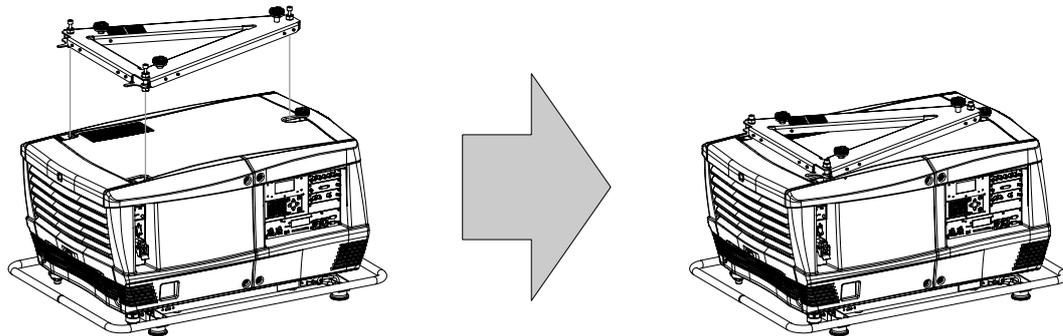


Image 1-3

3. Secure the FLM/SLM adaptor plate by fastening the three hexagon socket bolts. Use for that an eight millimeter Allen key.
4. Reinstall the two rear interlocking adaptors which you removed in step one.

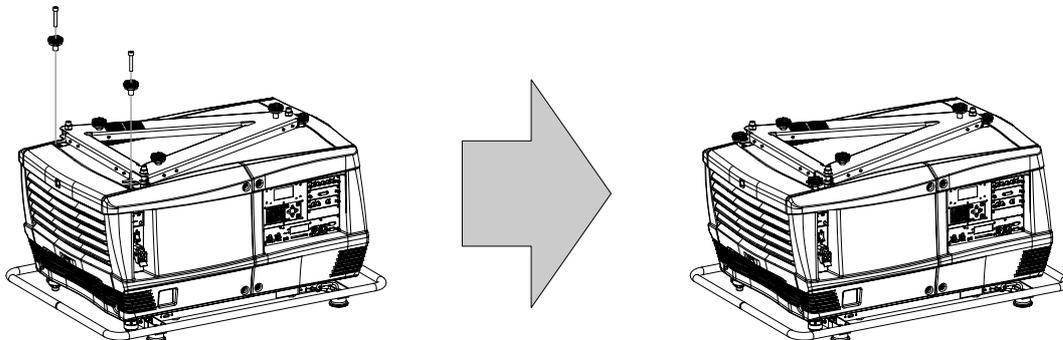


Image 1-4

1.3 Stacking an SLM projector upon an FLM projector

How to stack an SLM projector upon an FLM projector ?

1. Turn in the four feet of the SLM projector you want to stack.
2. Place the projectors on top of each other. Ensure that all three interlocking pins of the SLM projector match with their corresponding interlocking sockets of the FLM/SLM adaptor plate.
Tip: In case of stacking projectors for a ceiling mount configuration, first turn the projectors upside down before placing the projectors on top of each other.

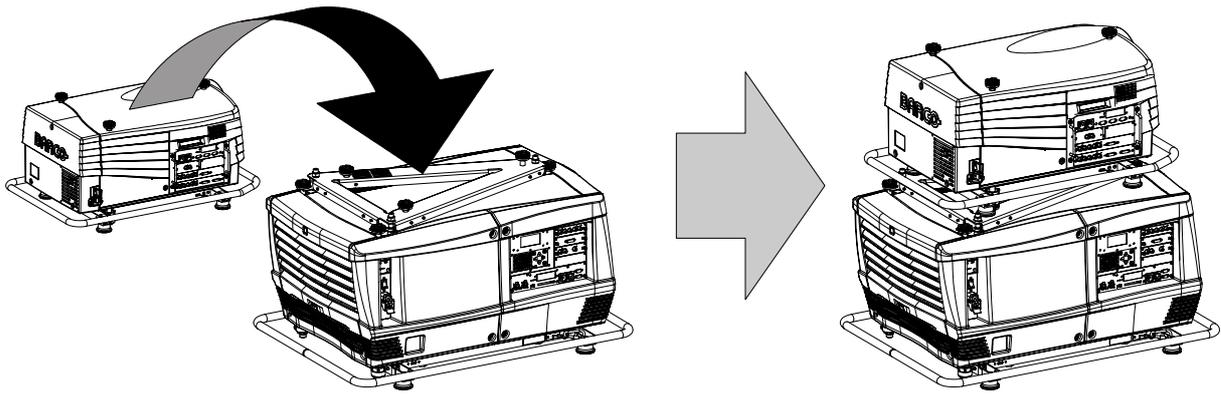


Image 1-5

3. Attach the SLM projector together with the FLM/SLM adaptor plate by closing all three interlocking adapters as illustrated.

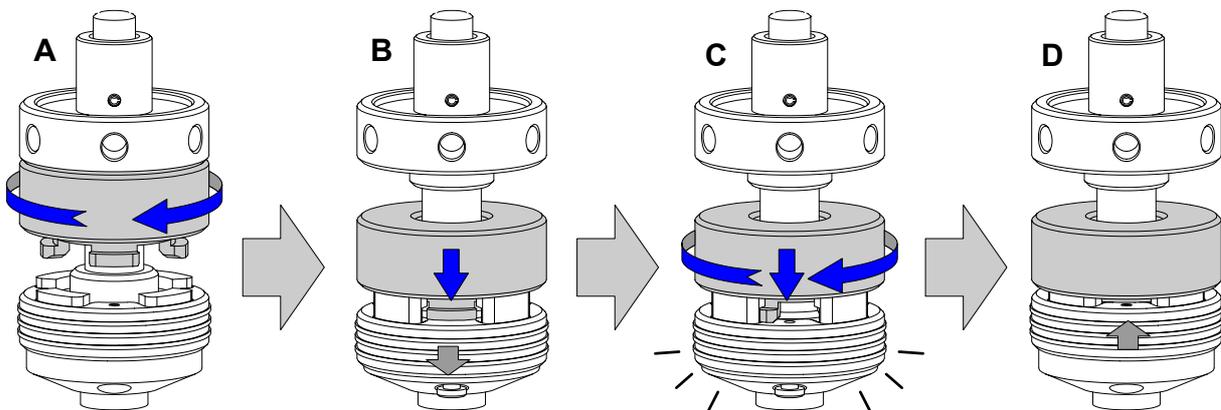


Image 1-6

4. Are these projectors stacked for a ceiling mount configuration?
If yes, secure the SLM projector with its safety chains as follows:

1. FLM/SLM adaptor plate

- a) Release the safety hook (H) at both sides of the SLM projector and guide the safety cable around its carrying handle (C) as illustrated.

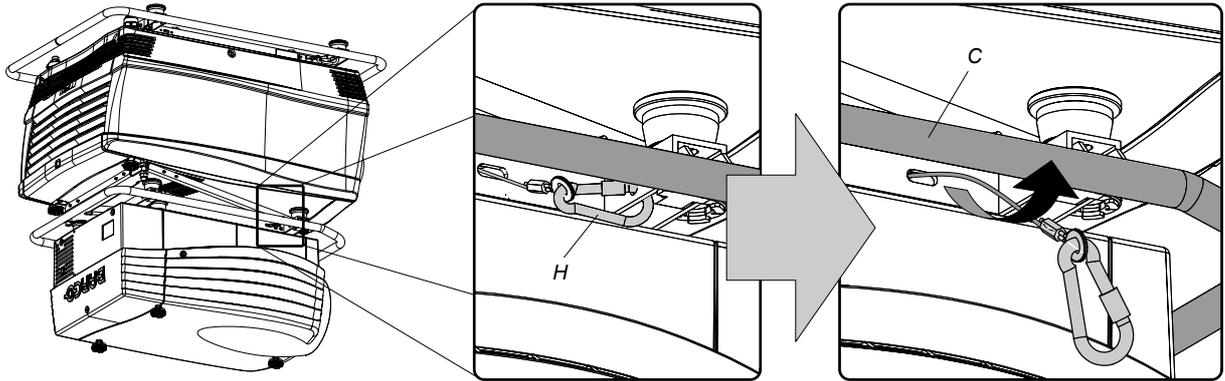


Image 1-7

- b) Guide the safety cable around the carrying handle of the FLM projector above and clasp the safety hook around the safety cable as illustrated.

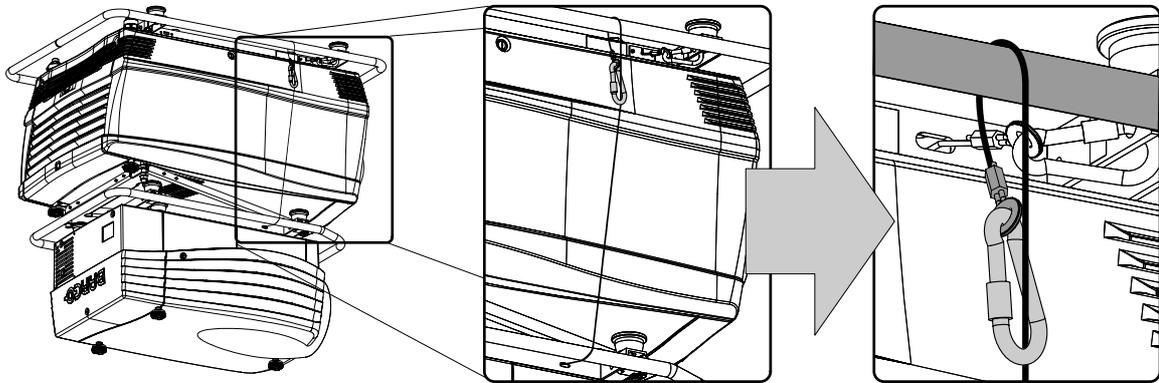


Image 1-8



WARNING: Always use both safety cables of the lowest projector to secure a stacked projector in a ceiling mount configuration.

How to open an interlocking adapter ?

1. Open an interlocking adaptor as illustrated.

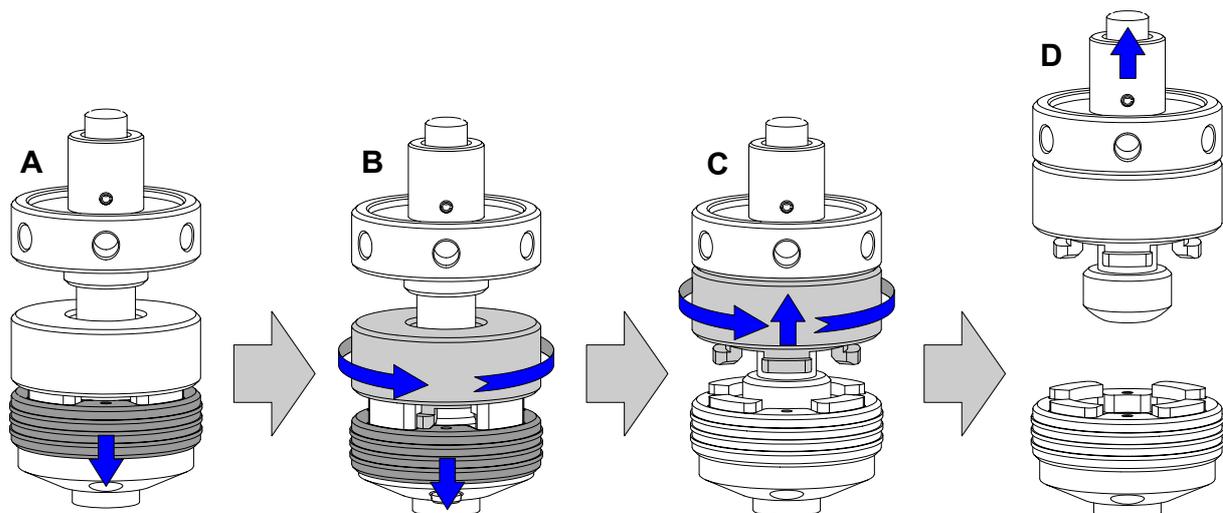


Image 1-9



WARNING: Never open an interlocking adapter of a stacked projector which is still suspended. First place the stacked projectors on the floor.

1.4 Aligning stacked FLM/SLM projectors

Necessary tools

8 mm Allen key.

How to align two stacked FLM/SLM projectors ?

1. Make sure that the internal hatch pattern projected by the reference FLM projector is sharp and has a perfect rectangle outline. If this is not the case, readjust the reference FLM projector before aligning the stacked SLM projector with the reference hatch pattern.

Note: The reference projector in a stacked configuration is the lowest projector in case of table mount and the uppermost projector in case of ceiling mount.

2. Project with the stacked SLM projector the same internal hatch pattern as the reference FLM projector.

Tip: Use a white colored hatch pattern for the reference projector and e.g. green colored for the stacked projector. This makes it easier to see the different between both hatch patterns projected.

3. If necessary, adjust the rotation of the stacked SLM projector with respect to the reference FLM projector by turning in or out the height adjustment ring of the interlocking adaptors at the rear of the stacked SLM projector. Adjust until the outline of the hatch pattern is most symmetric with the reference hatch pattern.

Tip: You can increase leverage by using a screw driver in the holes of the adjustment ring

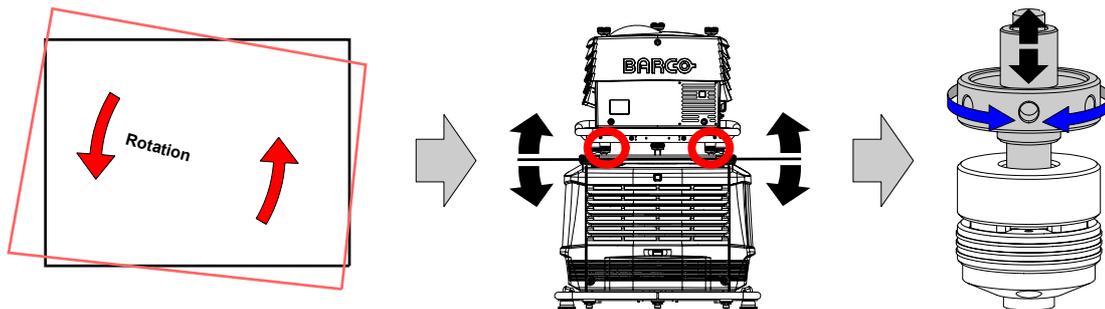


Image 1-10

4. If necessary, adjust the inclination of the stacked SLM projector with respect to the reference FLM projector by turning the height adjustment ring of the interlocking adaptor at the front of the stacked SLM projector in or out. Adjust until the outline of the hatch pattern is most symmetric with the reference hatch pattern.

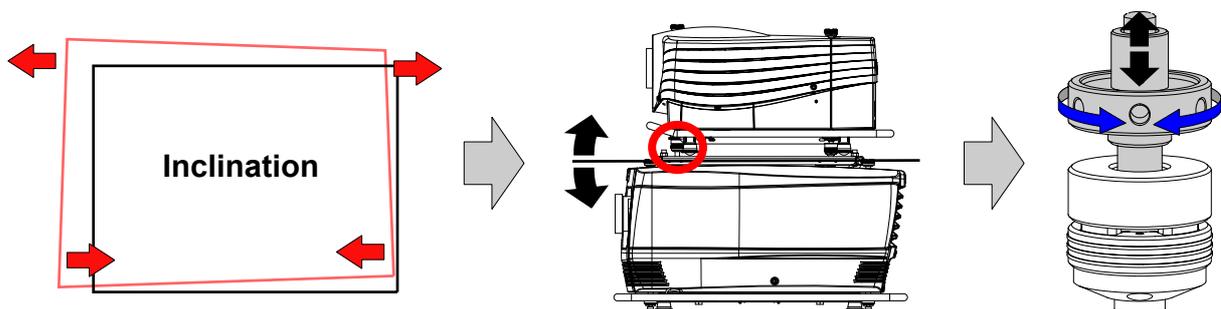


Image 1-11

5. If necessary, adjust the skew of the stacked SLM projector with respect to the reference FLM projector by turning the screw Q in or out using a 8 mm Allen key. The screw Q is located behind the cover of the lamp of the reference FLM projector, just above the volt meter. Adjust until the outline of the hatch pattern is most symmetric with the reference hatch pattern.

Note: See owners manual of the FLM projector, to access the skew adjustment screw Q.

1. FLM/SLM adaptor plate

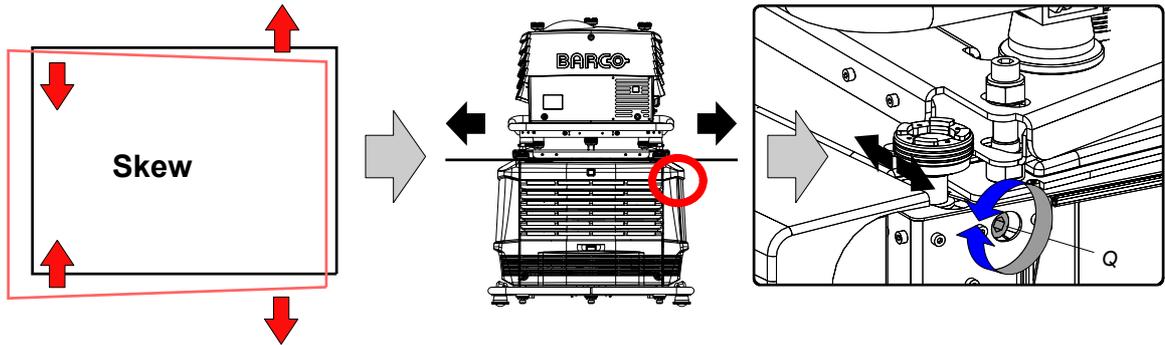


Image 1-12

6. Shift the hatch pattern of the stacked SLM projector horizontally and vertically until the outline of the hatch pattern is most symmetrically placed with respect to the reference hatch pattern of the FLM projector.

Note: Note that the "Shift" function is motorized, which means that you have to access the SLM projector software, via the local keypad or remote control unit, to operate the "Shift" function.

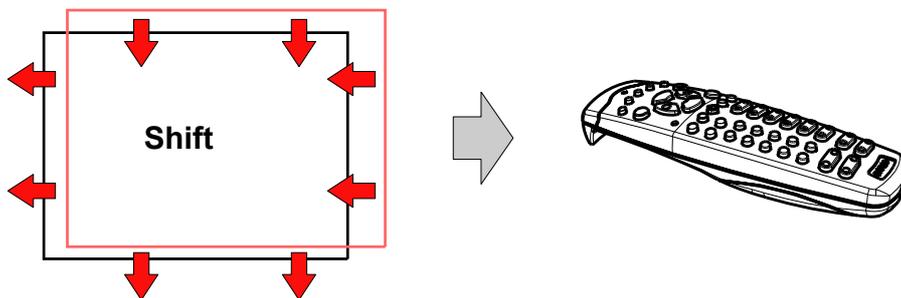


Image 1-13

7. Zoom the hatch pattern of the stacked SLM projector in or out until the outline of the hatch pattern matches exactly the outline of the reference hatch pattern of the FLM projector.

Note: Note that the "Zoom" function is motorized, which means that you have to access the SLM projector software, via the local keypad or remote control unit, to operate the "Zoom" function.

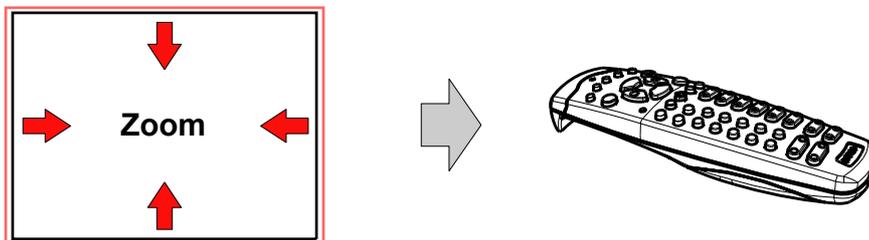


Image 1-14

8. If necessary, repeat from step 2 until the hatch pattern of the stacked SLM projector is perfectly aligned with the hatch pattern of the reference FLM projector.



In case of a triple stacked table mount projector configuration adjust and align first the bottommost projector (reference), then the projector in the middle and finally the uppermost projector.

1.5 Dimensions of the FLM/SLM adaptor plate

Dimensions

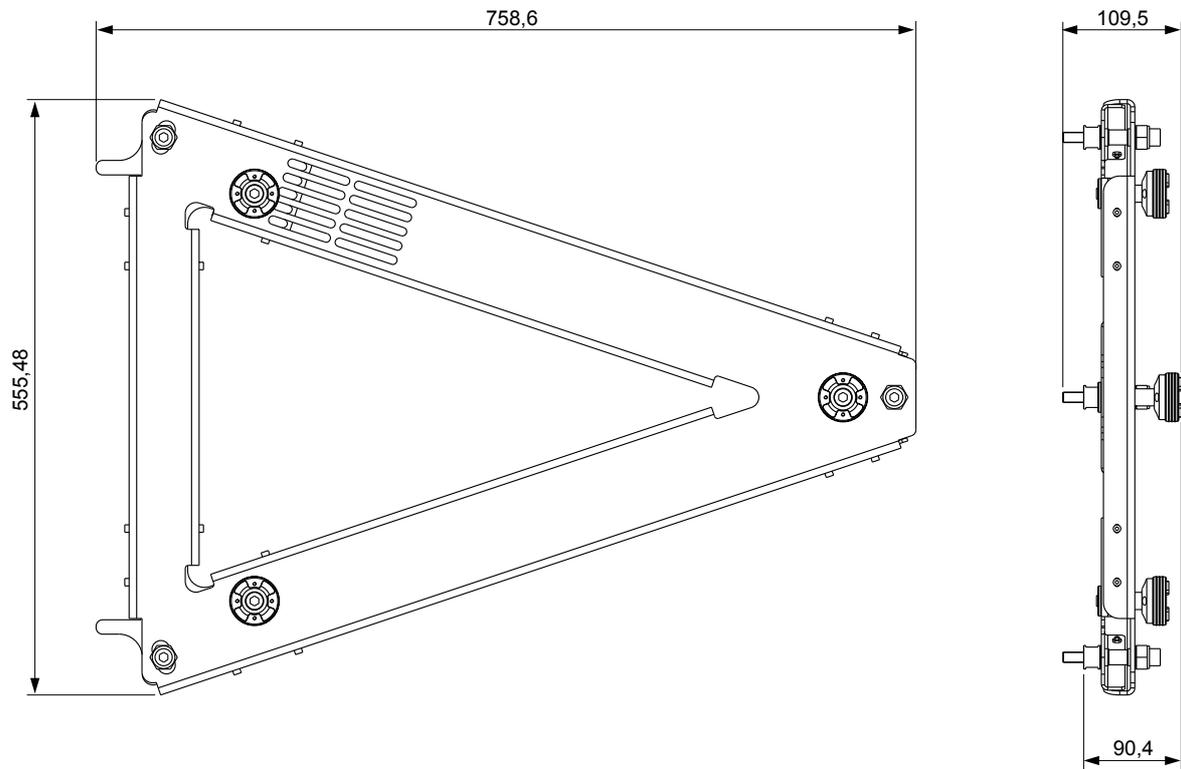


Image 1-15
Dimensions given in millimeters.

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