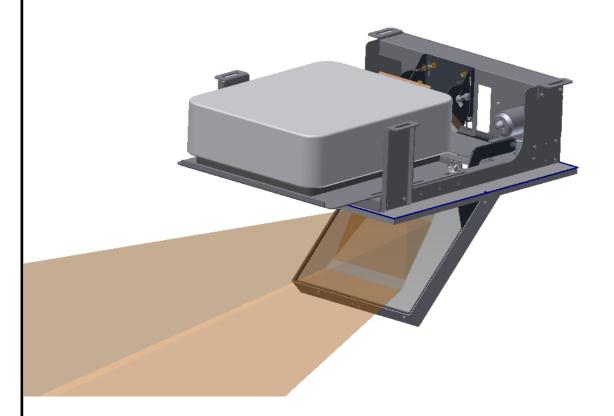
## **MKT-C**150

## Mirror-Kit installation guide

With RS232 control





The mini Mirror-Kit has been designed specifically for installation in shallow spaces. The projector sits on its own feet inside the Mirror-Kit, which itself is fixed to the structural ceiling.

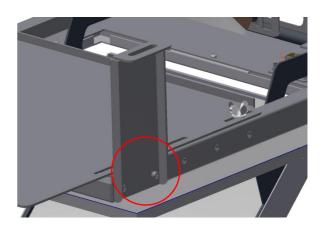




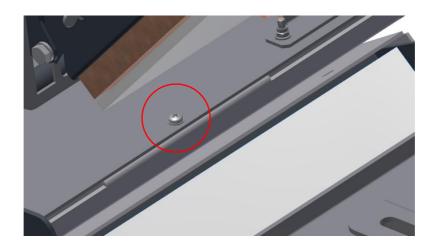
1. Fix the Mirror-Kit as close as possible to the structural ceiling by threaded wire. Fixation direct to the ceiling is possible, but if the ceiling is not flat and level, this may influence the proper functioning and image positioning of the Mirror-Kit.

Use all available fixing points. The height of the front brackets can be adjusted slightly. The position of the rear brackets can be adjusted.





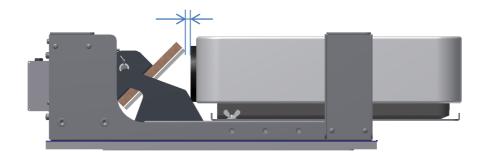
**2.** To mount the ceiling finishing frame, an aperture of  $430 \times 390$  mm is needed. The ceiling finishing frame can be put in this aperture and be fixed to the inside of the Mirror-Kit with short screws. If access is too limited for this, the ceiling finishing frame can also be glued.

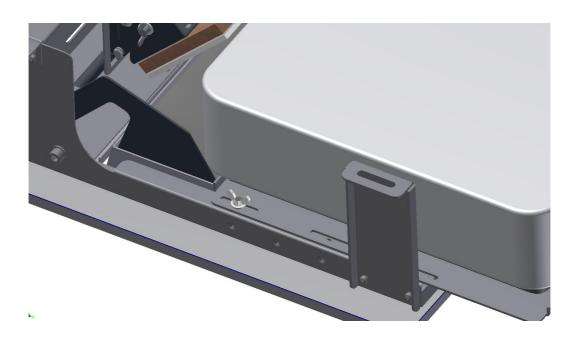


# **3.** Fix the frame around the mirror with short screws. To be able to do this the Mirror-Kit mirror has to be opened first. See point 5.



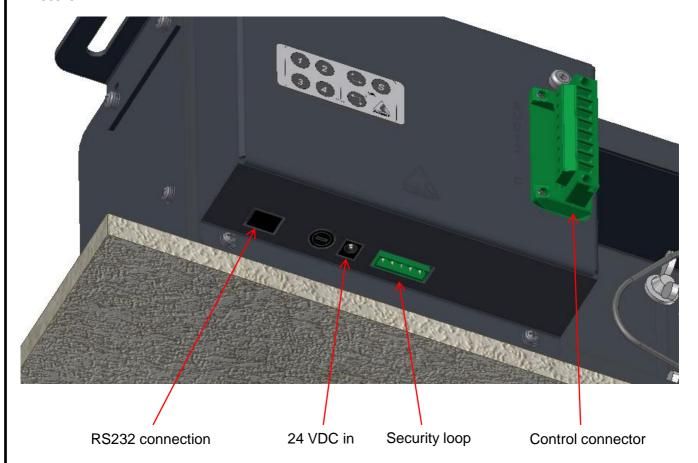
# **4.** Put the projector inside the Mirror-Kit, with the lens at approximately 15 mm away from the small mirror to have the smallest projected image. By doing this, the zoom range of the lens can be used maximally. The tray that holds the projector can be moved back-wards when the projector has a longer lens.



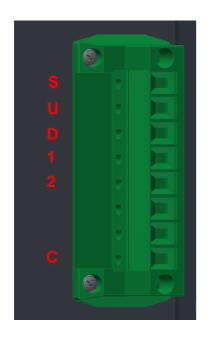


### **5.** Connecting the Mirror-Kit.

For first use, the Key-board can be used to control the Mirror-Kit. Use the arrows to do so. For external control use at least 0,5-0,75 mm wires for long distances up to 15 meters.



#### Control connector



- **S** = store function, hold & pres with 1 or 2 for storing position
- **U** = Up direction for finding mirror position during installation. Use this connection for wired external control with C.
- **D** = Down direction for finding mirror position during installation. Use this connection for wired external control with C.
- **1** = Preset / programmed position of the mirror. Use this contact for external permanent control with contact relay.
- **2** = Preset / programmed position of the mirror. Use this contact for external permanent control with contact relay.
- **C** = Common, use in combination with contacts 1 & 2.

#### 6.

To operate the Mirror-Kit, connect it to a power socket.

The Mirror-Kit then moves to position '0' (zero). This position is: closed firmly, a little bit over-closed.

First, only use the buttons of the keyboard!

Do not yet use a remote control!

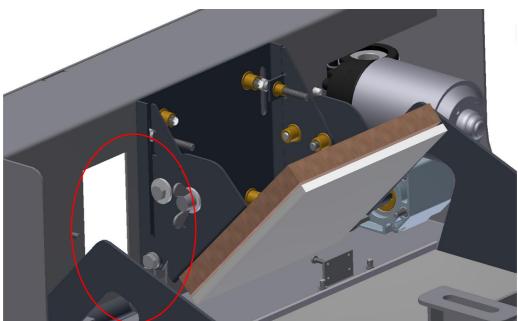
Use the key-board when the Mirror-Kit is operated for the first time. The adjustment buttons (arrows) make the mirror move slowly, this to set the position of the mirror most accurate.

When the required position has been found, press  $\,$  C and then 1 / 2 to set the position.

Use the identical connections on the 8-connector. Use one separate potential free relay contact for each position. Do not use one (1) relay contact to operate two or more functions.

#### 7.

The position of the projected image can also be adjusted by adjusting the angle of the small mirror inside the Mirror-Kit, in conjunction with the angle of the large mirror. Both mirrors can be used to get the optimal position for the projected image.



#### 8.

The micro-switches of the Mirror-Kit limit the maximal and minimal opening angle of the large mirror and may not be adjusted.

#### Important to know:

#### 1.

When the power is cut of, an back on again, the Mirror-Kit wil automatically go to opened position.

In this position the Mirror-Kit is goiing to "zero position".

The Mirror-Kit can be used normally after this setting.

#### 2.

When the positions keys 1 & 2 are being used, the Mirror-Kit will automatically go to that position.

Be cautious with tools and hands etc when the mirror is operated.

#### 3.

The mirror can be cleaned with a bit warm water or glass cleaner with a soft cloth.

#### PCB replacent / trouble shooting.

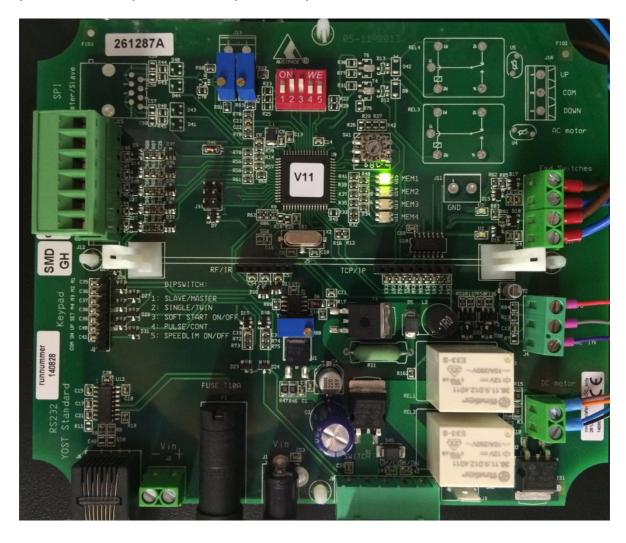
Important print settings.

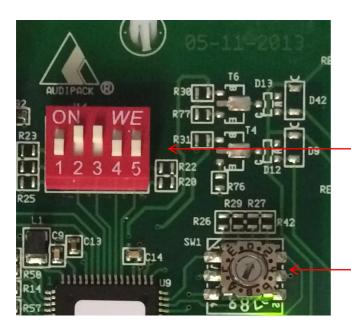
Do not change the setting with a good functioning system.

When the PCB must be replaced, use the correct settings.

When not performed accurately the system may get damaged.

Always contact Audipack for safety check-up.





Dip switch settings. 2&3 ON

**Programm 1** 

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