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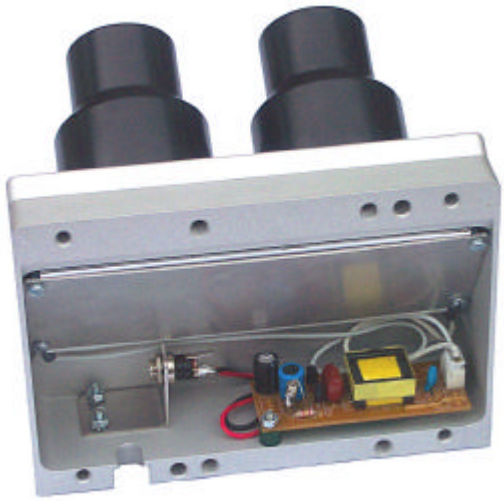
Design and production of stereoscopic instruments.

Bank: Postbank account: 6084601,
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User manual for the 3D slide wall viewer
03-04-A-STL/CCFL





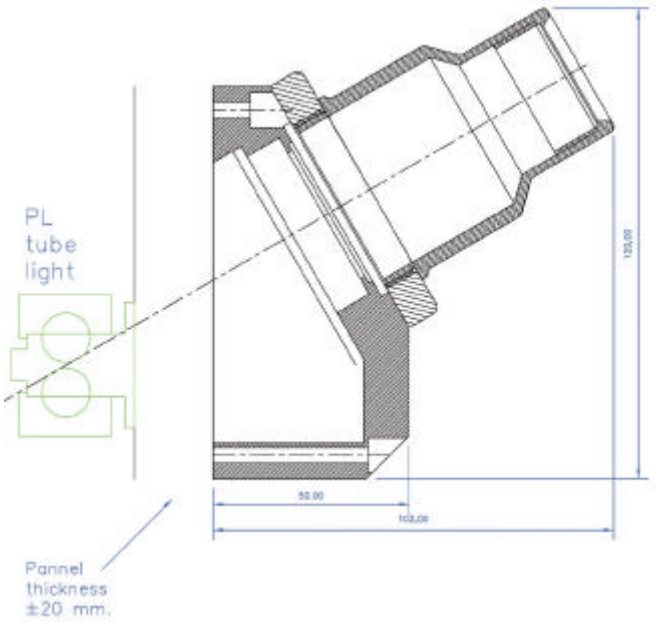
Purpose:
The viewer can be mounted against panels or solid walls to show one single 3-D (stereoscopic) slide.

Features:
?? Applicable for slide frame format 50x50 mm. **2 mm.** thickness.
and 41x101 mm. **3 mm.** thickness
?? Maximum picture format 36x36 mm.
?? Coated achromatic lens ? 30 mm. F= 60 mm. (enlargement 4.2) high resolution. Fixed focus.
?? Viewing angle 30° with reference to the base.
?? A white milk glass screen (03-04-A-STL), for light dispersion is mounted beyond the focal point. In this case you should mount your own light source behind viewer.
?? A CCFL white tube light illumination (03-04-A-CCFL), provides a smooth light source to give the slide its natural bright colours.
?? CCFL stands for Cold Cathode Fluorescent Lamp. Lifecycle is 10.000 hours. Colour temperature is 5500 Kelvin. The circuit uses 300 mA. at 12 Volts dc.

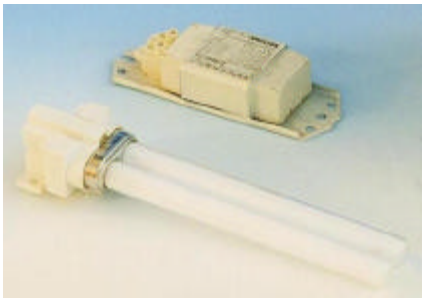
Replacing the slide:
Remove the 4 bolts at the front of the viewer. Now you can see the gaps, which gives space for the 50x50 mm. frames or 41x101 (RBT) frames. For RBT frames it is recommended to use the black frames only (front and back). This minimizes the light leaks around the frames. Using black tape is even better!



Mounting model 03-04-A-STL
(without illumination):
Prepare an exhibition panel with a hole having the dimensions according to the enclosed drawing on the rear side. Take the light beam into account that no shadows appear on the rear side of the milk glass. Use the enclosed drawing to mark the drill holes on the panel.



Illumination recommendation:
The illumination in case you choose to use your own light source should be cool white. The best way to achieve this is using a PL or TL tube light. Use the longer PL tube light of 9 Watt.
Philips colour temperature 84, Osram 34.



Mounting model 03-04-A-CCFL
(illuminated):
This viewer can be mounted straight to a panel or wall without any additional equipment. 4 holes in the viewer make it able to mount the body with wood screws or something else to a flat surface. First you have to remove the front to get access to the upper wall holes.
Use the technical 1:1 drawing to mark off the position of the holes and the viewer body. Before mounting the viewer against the wall, place the plug of the mains adapter into the internal connector. Put the rubber tulle around the cable and shift it in the gap at the underside of the viewer to prevent damage to the cable.