



CEILING MIRROR PRO

The professional solution

- Harmonious optical design due to concealed installation of the projector, and integration of the ceiling cutout into the mirror flap
- Servicing of the projector through opening in ceiling; the projector is mounted on a tray which can be swivelled out for maintenance.
- Normally no separate servicing flap is required
- Well-designed construction, even as to details: professional adjustment of frame, mirror flap and projector for optimal images
- Small installation height
- Motorized mirror flap, to be operated via switch up/down, IR resp. radio or media control
- In case of malfunctions, e.g. power cutdown, the mirror flap can be opened manually
- Patented system (DBGM)

Easy mounting

The projector is mounted on the universal Kindermann projector holder which is fixed on a tray in the frame of the ceiling mirror. Therefore the projector can be shifted horizontally and vertically. This makes adjusting and servicing it possible without maintenance flap.

The upper mirror is adjustable in 3 positions. The mirror flap can be covered with the material of the ceiling cutout.

Several mounting options:

With threaded bolts (optional) that reach into the real ceiling, via mounting brackets on the carrying parts of the ceiling constructions, or via fixing adapters on the carrying frames of standard false ceilings with grids 60 x 60 cm resp. 62.5 x 62.5 cm.



Technical data

Kindermann ceiling mirror PRO	
Ref.No .	7469 000 000
Overall dimensions	535 mm x 630 mm x 180 mm
Colour	white RAL 9003
Required mounting space between standard ceiling and false ceiling	115 mm + projector height, min. 200 mm
Ceiling cutout	507 x 525 x 27 mm (with T profile for ceiling cutout)
Mounting	Installation depth min. 250 mm, if the frame is to be mounted in the ceiling cutout
Weight	18 kg
Thickness of ceiling	max. 22 mm
Mirror	Surface mirror of glass, reflexion min. 95%
Swivelling range of mirror flap	0° up to 60°, for servicing up to 85°
Motor	12 VDC, 20 W
Power supply	230 VAC, 9 VDC/2 A
Power consumption	15 W
Control	Low voltage input for switch, radio or remote, or media control
Operating time	25 seconds for opening, 35 seconds for closing
Requirements for projector installation	
Projector	max. dim.: 490 x 500 mm, max. weight: 15 kg, lens must be in the centre
Up/down ratio	min. 9:1 for a distortion-free projection
Distance ratio	min. 1.5 When the lens position is on min. ratio 2.0, a 10 % lower, distortion-free projection is possible
Distance mirror front edge to screen	Projection distance acc. to manufacturer minus 70 cm