PD1
PROJECTOR DROP MECHANISM
### PD1 PROJECTOR DROP MECHANISM

**SPECIFICATION** | **MEASUREMENTS**
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Product Dimensions | 620mm W (24.4") x 620mm (24.4") D x 217mm (8.54") H
Maximum Projector Size | 400mm (15.74") W x 460mm (18.11") D x 190mm (7.48") H
Maximum Weight Capacity | 15Kg (33lb)
Maximum Speed | 50mm/s
Travel From Ceiling | 400mm (15.74") - Standard
| 700mm (27.55") - Available
| 940mm (37.00") - Available
Depth Within Ceiling | 211mm(8.30")
Product Weight | 20kg(44lb)
Packaging Dimensions | 740mm (29.13") W x 740mm (29.13") D x 320mm (12.59") H
Shipping Weight | 22Kg (70lb)
Maximum Tilt | 10°
Movement Type | Motorised
Power Supply Required | 110V - 240V AC
Power Consumption Max. | 110W
Control Options | IR Remote, RS232, Contact Closure
Product Options / Features | Specific Projector mounts / adapters, Custom RAL paint finishes, Marine suitable version, Custom size Varients
Package Contents | Mechanism, IR remote control
Marine Suitable | No
Quick and simple mechanism installation.

Available with three different drop options. Standard drop is 400mm (15.75’’), Long drop is 700mm (27.5’’) and Extra Long drop is 940mm (37’’).

Projector carriage can be tilted up to 10° once dropped.

Full cable management keeps all power and signal cables as neat and tidy as possible.

Top cover panel finishes internal void in matching white satin finish.

Slotted mounting system provides easily adjustable installation for almost any projector.

Standard control box can also control a third party product such as a projector screen.
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CEILING DETAILS
Below shows the PD1 installed in a ceiling. The top cover panel is not shown to aid clarity.

The projector drop mechanism is inserted like a ceiling speaker. A lip around the underside of the mechanism neatly covers the cut edge of the plaster.

PD1 mechanism requires a ceiling cut out size 580mm x 580mm [22.83" x 22.83"].

The size of the mechanism control box is shown above. This must be located in an easily accessible location.

In the cases where the mechanism cables need to be extended, a four core mains cable and a three core low voltage cable need to be run from the mechanism to the control box.

The control box can also be used to control an electric projector screen (standard four core mains type).
KEYSTONE

Using the tilt adjustment means the projector image must be altered using the keystone function on the projector.

PROJECTOR TILT

By undoing and repositioning one bolt on each side, a significant tilt angle can be achieved.

This is useful when using the projector drop in rooms with high ceilings where the projector is a lot higher than the screen being viewed.
Optional bottom panel retainers are included to allow the bottom panel to be removable. If these retainers are used the installer must ensure that the fall arrest cable is secured to both the projector carriage and the bottom panel (DETAIL C).

To remove bottom panel, slide back by 15mm and the panel should drop away from the carriage.
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GENERAL DIMENSIONS

Standard Drop 400mm [15.75]
Long Drop 700mm [27.5]
Extra Long Drop 940mm [37]