



DISPLAY TECHNOLOGIES

PARTNER TRAINING

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BACKGROUND



Display Technologies Ltd was founded in 2016 by business partners Neil Davidson and Simon Ridley.

The company specialises in

- Projector Screens
- Mounting Brackets / Solutions
- Projector Hush Boxes / Cooling Solutions



FACILITIES



Display Technologies factory and offices are located in beautiful North Yorkshire, England.

We have three separate production areas:

- Metal Processing
- Assembly and Packaging
- Delicate Materials Processing and Test

The office and demonstration space is separate to these.



FACILITIES



When the company started we made a specific choice to invest in technical capability where possible.

We have impressive machines for:

- CNC
- 3D Printing
- Metal Cutting
- Large Format Printing
- Fabric Cutting
- Sewing!





DT SCREENS

WHY DT SCREENS

The only screens designed from scratch around **ease of install**

Multiple unique technologies create a **smarter and better product**

We have not been constrained by off the shelf solutions – where a new solution was required to deliver performance we have invested in **the new solution**

DT Screens ARE the **number one brand** for:

- Performance
- Ease of Install and Use
- Dealer Support



DT SCREENS IMAGE SURFACES

DT Screens offer several image surfaces to support several different applications

ACOUSTIC TRANSPARENT

AT Ref – 0.89 Gain – The ultimate balance of image and AT performance - up to 1.8m (6ft) tall

AT Pro – 0.90 Gain – Outstanding image and excellent AT performance - up to 4.8m (16ft) tall

NON ACOUSTIC TRANSPARENT

Image Ref – 0.99 Gain – Highest possible image fidelity – up to 4.8m (16ft) tall

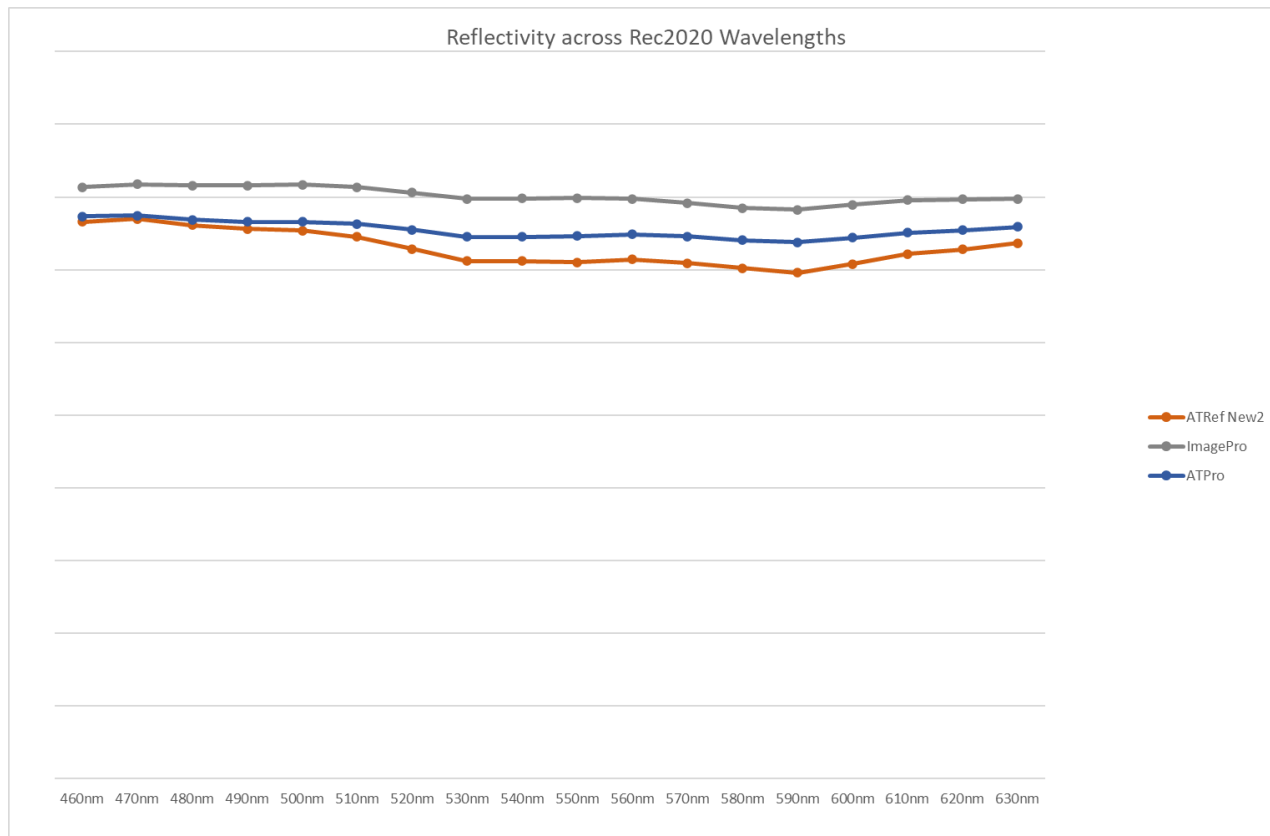
Image Pro – 0.92 Gain – No compromise image performance - up to 4.8m (16ft) tall

REAR PROJECTION

RPG – 0.6 Gain glass surface – The ideal RP surface for all ultra short throw applications

We have a huge range of rear projection films going through testing at this time

SPECTRAL RESPONSE



DT SCREENS MODELS

There are a simple range of screens that are designed to progress to cover almost any requirement

CONTEMPO - Micro Frame Screen

FRONTIER - Modern Velvet Frame Screen

DYNAMIC - Multiway Masking Screen



CONTEMPO



2mm (0.08") wide front bezel

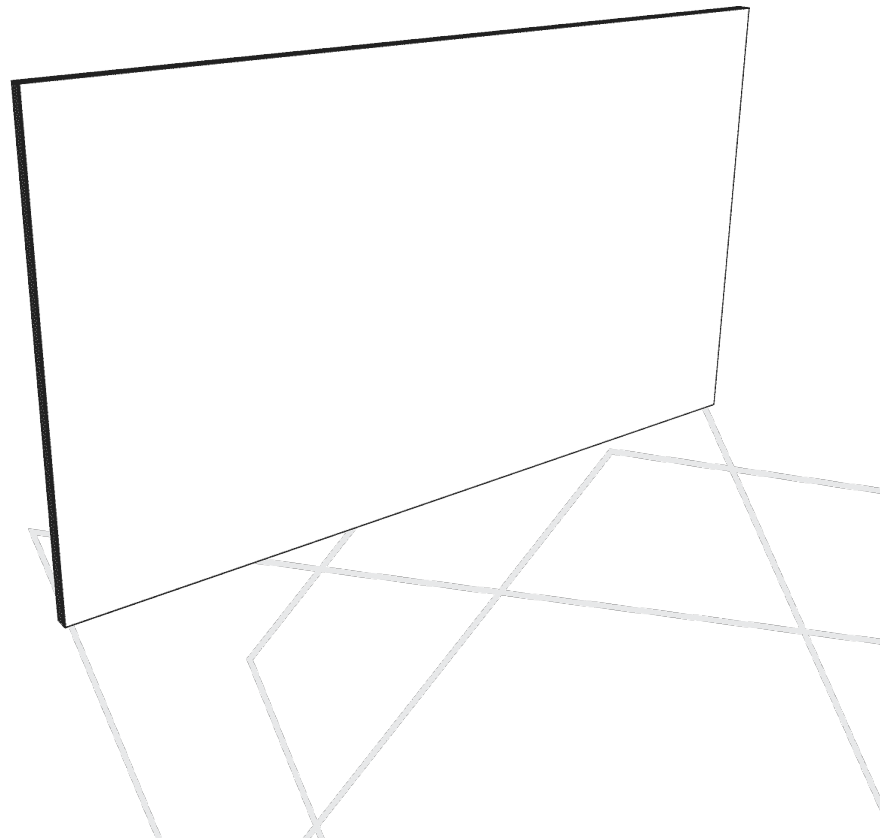
32mm (1.26") deep

Comes as standard in Black powder coat finish

Custom frame finishes on request

Features:

- Through frame mounting
- Front loading image surface



CONTEMPO



FRONTIER



69mm (2.72") wide front bezel

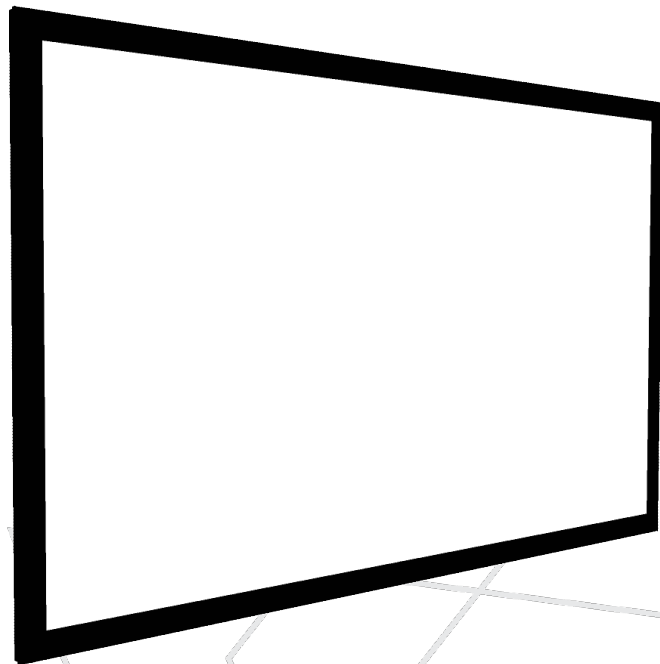
36mm (1.42") deep

Comes as standard in veBlack finish

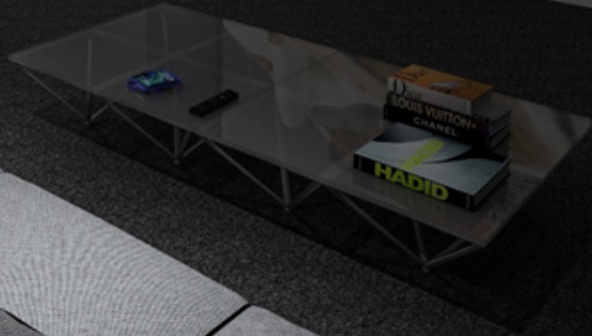
Custom frame finishes on request

Features:

- Through frame mounting
- Front loading image surface
- Magnetic front bezel



FRONTIER



DYNAMIC

200mm (7.9") wide front bezel

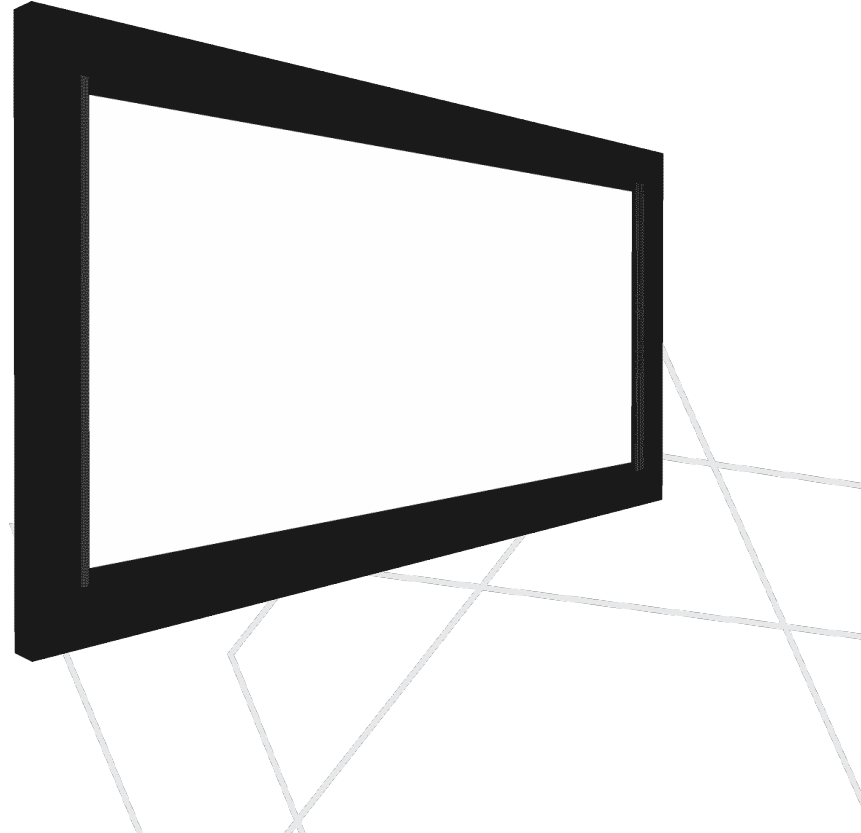
From 127mm (5") deep

Comes as standard in veBlack finish

Custom frame finishes on request including in wall style

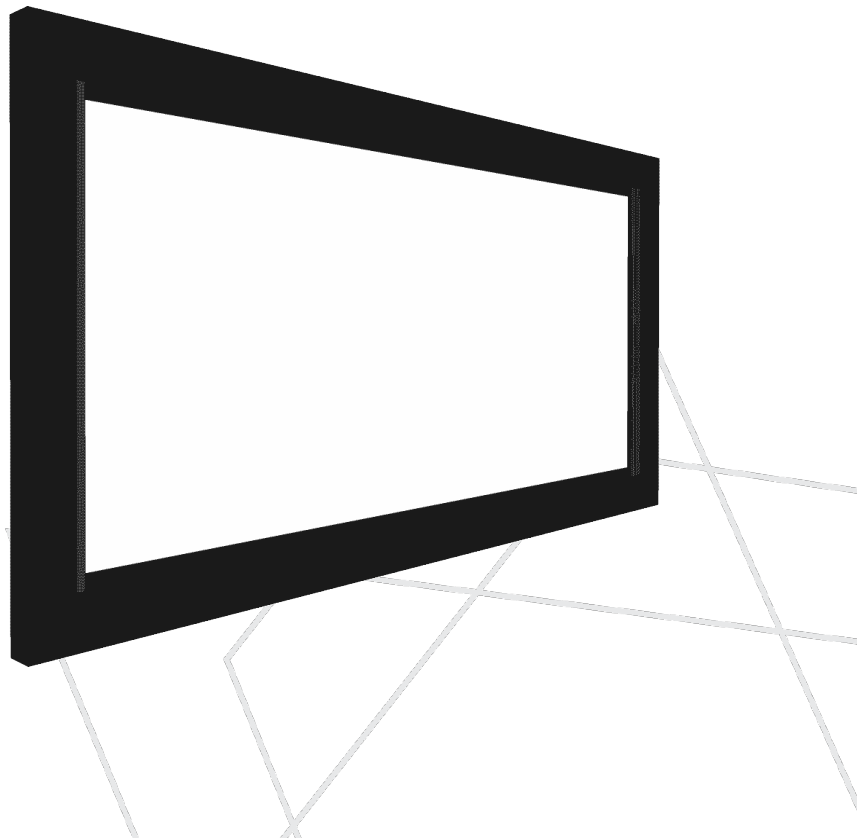
Multiple Masking Styles

- 2 way side or top/bottom
- 4 way
- Art Mask Option available on all versions



Unique Features:

- Through frame mounting
- Front loading image surface
- Magnetic front bezel
- Whispertec Package
 - Whispertec Motors (<35dB)
 - Whispertec Bearings on rollers and masks
 - Whispertec Tension System on masks
- Mask Position Logic!



DYNAMIC



DYNAMIC





DT SCREENS

MASK POSITION LOGIC

Mask Position Logic - USP

Controller is programmed at factory with
Width / Height / Mask Config

Special sensors measure mask position to 1.5mm
accuracy

Screen can be driven to specific aspect
without the use of presets

Actual commands...

- >ARV=G0185
- >ARV=G0178
- >ARV=G0237





DT MOUNTS PRODUCTS

DT Mounts offers a range of mounting brackets and accessories to make it easy to incorporate projection solutions into installs.

VMMv2 – Vertical Mirror Mount v2

PHG – Port Hole Glass

CM – Ceiling Mount

MMDv2 – Motorised Mirror Drop v2

HB – Hush Box

MISTRAL – Cooling Solutions



VERTICAL MIRROR MOUNT V2

Enables vertical install of the projector

Universal mounting interface. Simple and fast mounting and alignment.

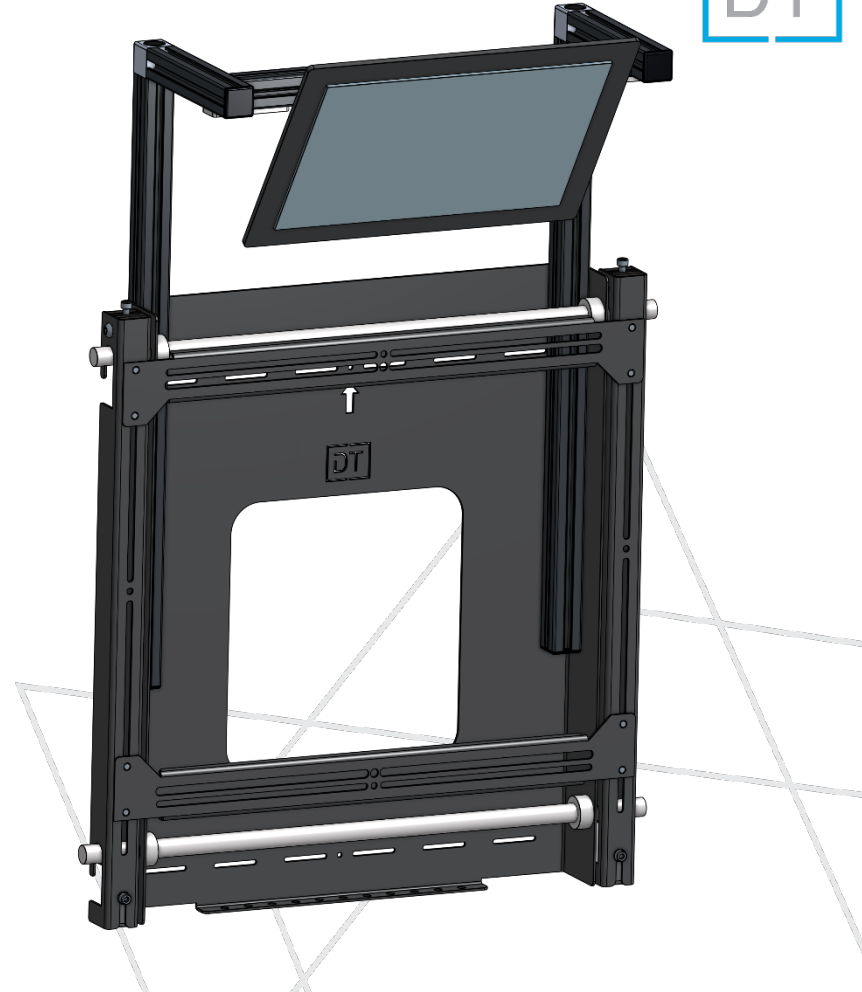
Single unit can be configured for all options

UP – Lens Up , Base away from screen

DWN – Lens Down, Base away from screen

RE-UP – Lens Up, Base towards screen

RE-DWN – Lens Down, Base towards screen



PORT HOLE GLASS

Isolation solution for projector rooms

Magnetic mounting allows quick install and easy alignment with in room finish

Comes as standard in powdercoat finish

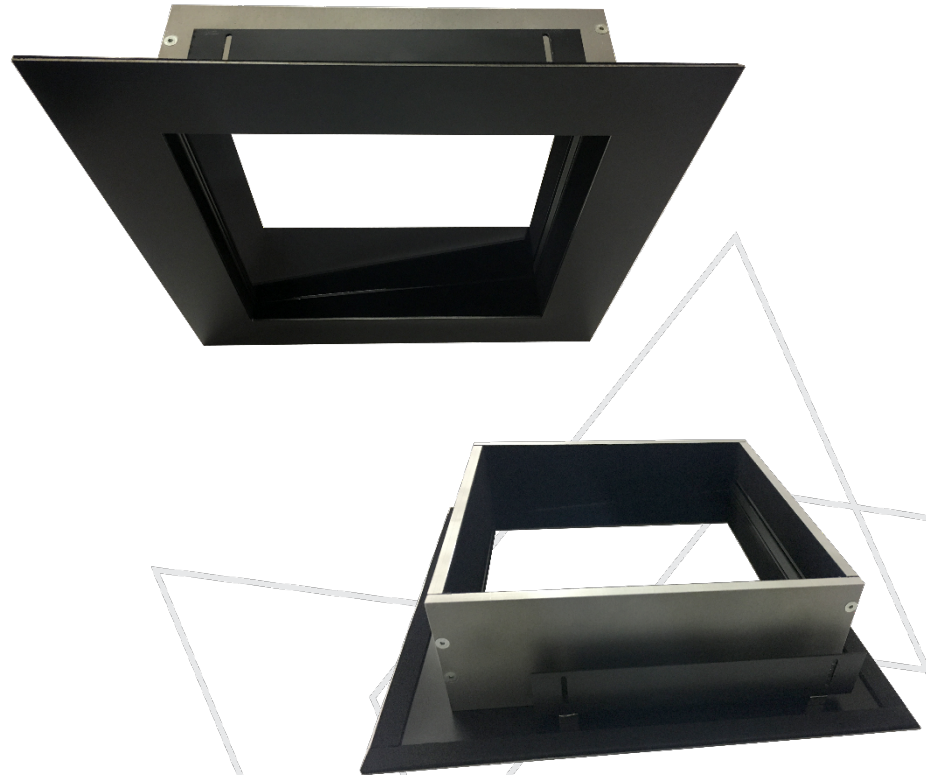
- Black
- RAL Colours on request
- Custom options on request

Two styles available

PHG-S – Compact Single Glazed Unit

PHG-1 – Single Glazed Unit

PHG-2 – Double Glazed Unit



CEILING MOUNT

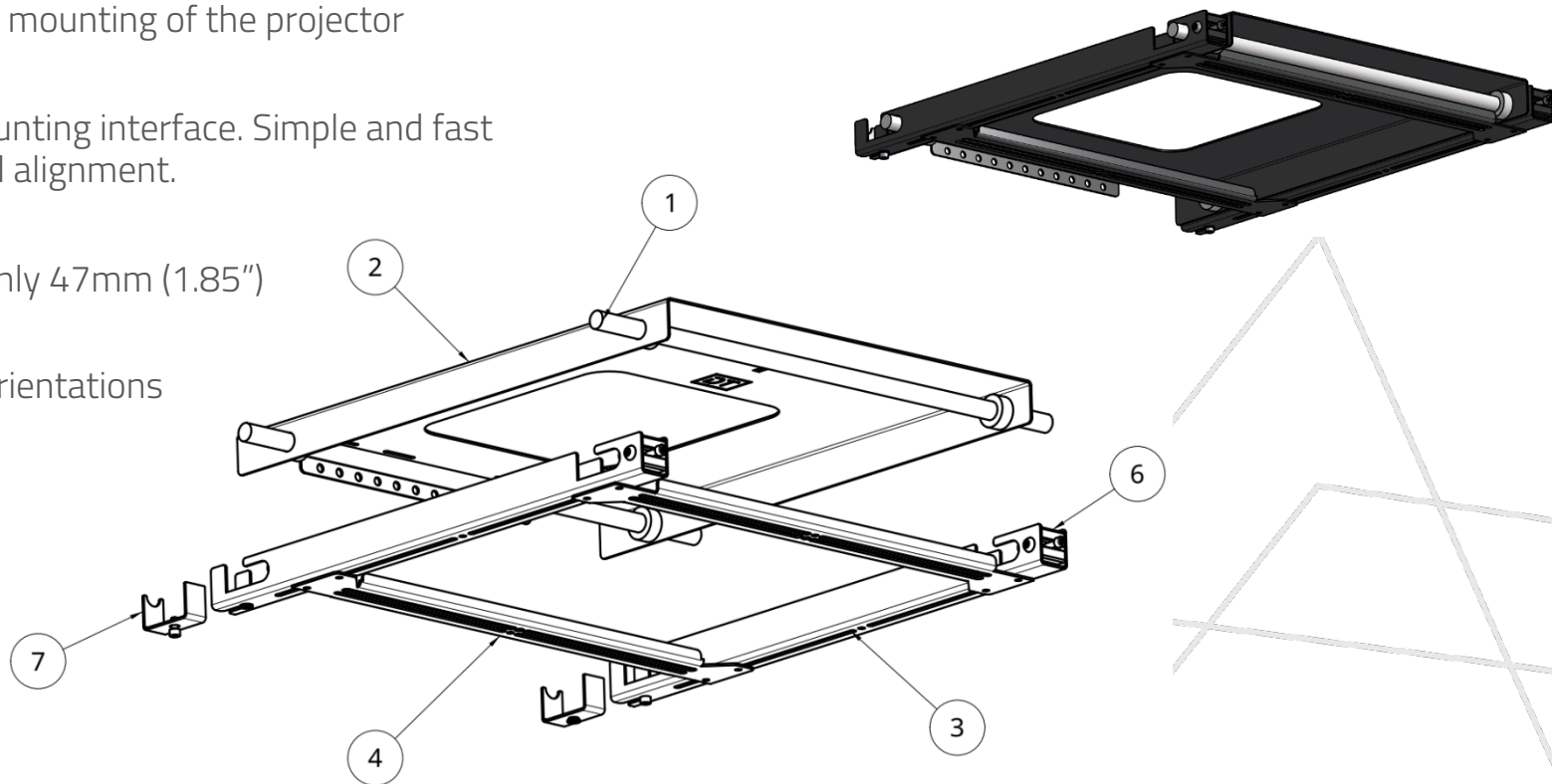


Enables close mounting of the projector

Universal mounting interface. Simple and fast mounting and alignment.

Total depth only 47mm (1.85")

Works in all orientations



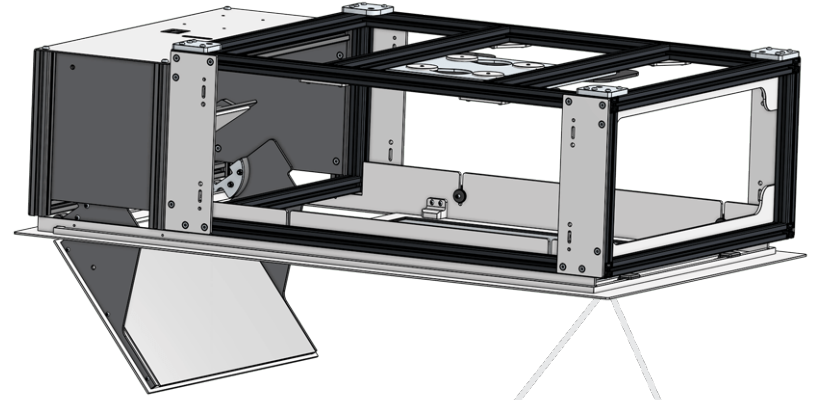
MOTORISED MIRROR DROP V2



Enables hidden in-ceiling install of the projector

Universal mounting interface.

DT Actuator Commander Software is used to calibrate the actuators and set the open and closed positions of the mirror



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HUSH BOX

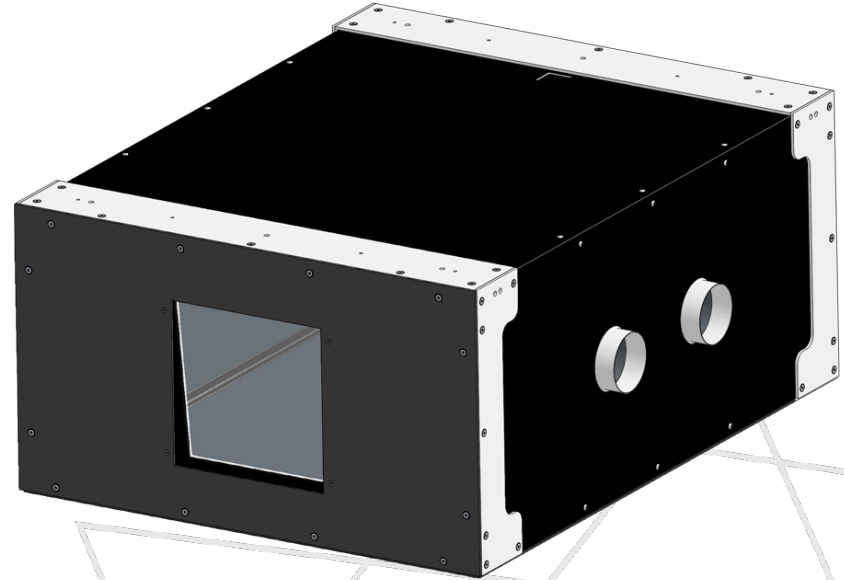


Contains the noise and heat created by projectors

Universal mounting interface.

Several sizes available to accommodate all projector sizes from small to extremely large DCI units.

Ventilation ducts are located to suit the projector to be used. Can be located on sides or top to suit installation.



MISTRAL SYSTEM

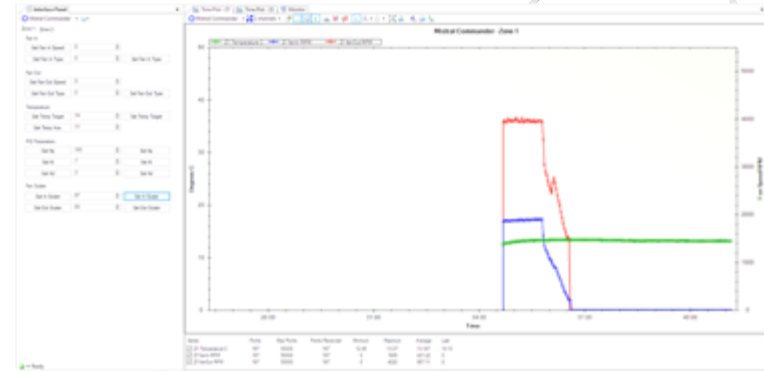
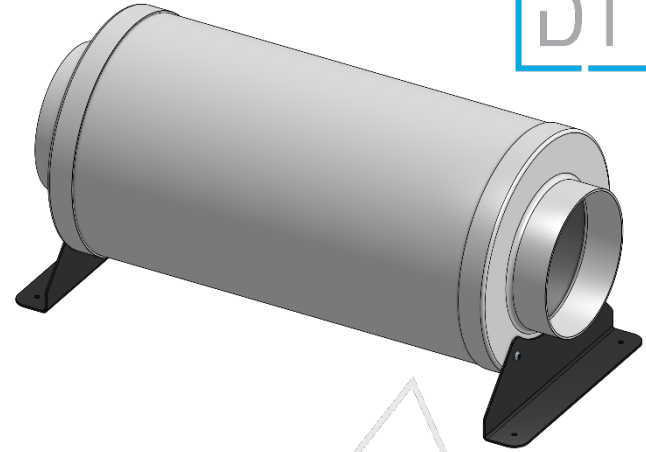


A range of solutions designed to manage temperature and airflow.

Mistral Fans – Powerful EC fans with extensive silencing and control and monitoring data.

DT Mistral Commander Software is used to monitor the system and configure the speed and temperature targets for each unit.

Fully PID thermostatic control ensures performance and the quietest possible result.



ARCHITECTURAL INTEGRATION



ARCHITECTURAL INTEGRATION



QUESTIONS AND ANSWERS



