

# LAV Class 10A ●

**LAVSCREEN**

www.lavscreen.com



**LAV Class 10A** is a durable high quality motorized screen suitable for any large rooms. The matte white surface has a high level of flatness, resistant to fungus and cleans very easily.

Fitted with a powerful and heavy duty internal tubular motor, the screen operates smoothly for many years. Its clever design allows for ease of installation and future services.

As with all LAV motorized screens, the LAV Class 10A comes standard with LAV RF remote control system that is ready to link with any of the major brands' control systems in the market.



## **Screen Surface**

Matte White

Maximum size: 10ft wide

Wide Viewing angle

Fungus and Mildew resistant

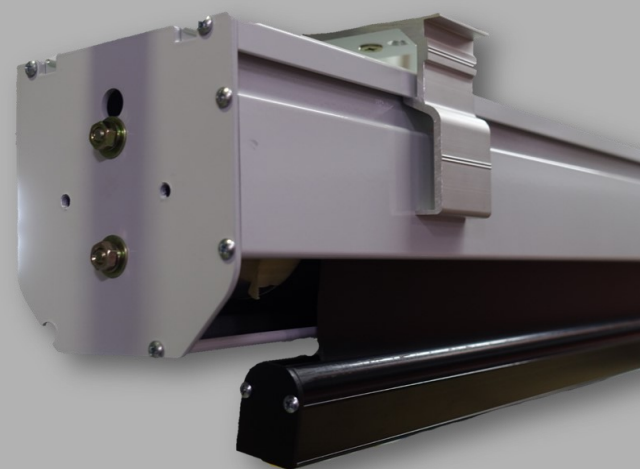
Flame retardant

## **Perfect for**

Large meeting rooms

Theatrettes

Lrge classrooms



# SCREEN TECHNICAL DATA SHEET



Screen Model	 <b>LAV Class 10A</b>
Description	Standard Motorised Screen with Electronics and Remote Control

## SCREEN SURFACE PROPERTIES

Fabric	Front projection with black fiberglass backing.
Black Borders	Yes
Color	Matte White
Gain	1
Viewing Angle	160°
Physical properties	Washable, Fire retardant & Mildew resistant
Thickness	0.33mm

## SCREEN PHYSICAL PROPERTIES

Casing properties	Material	Aluminium Extrusion 2mm thick to reduce vibration
	Protection	Powder coated
	Color	Light Grey
Roller properties	Aluminium Extrusion	60mm diameter with re-inforcement profile for straightness
Bottom bar	Aluminium Extrusion	20mm diameter

## MOTOR ELECTRICAL RATINGS

Lifting Capacity	20 NM
Sound level	44 to 47 dB
Speed	5 Meters per
Voltage	230 V
Current	0.77 Amps
Frequency	50 Hz
Power Input	170 W
Running Time	4 mins
Protection index	IP 44
Thermal protector cut-off temperature	150 °C
Maximum Turns	40
Cable Length	1 M
Cable Size	4 x 0.75 mm <sup>2</sup>

## MOTOR MECHANICAL PROPERTIES

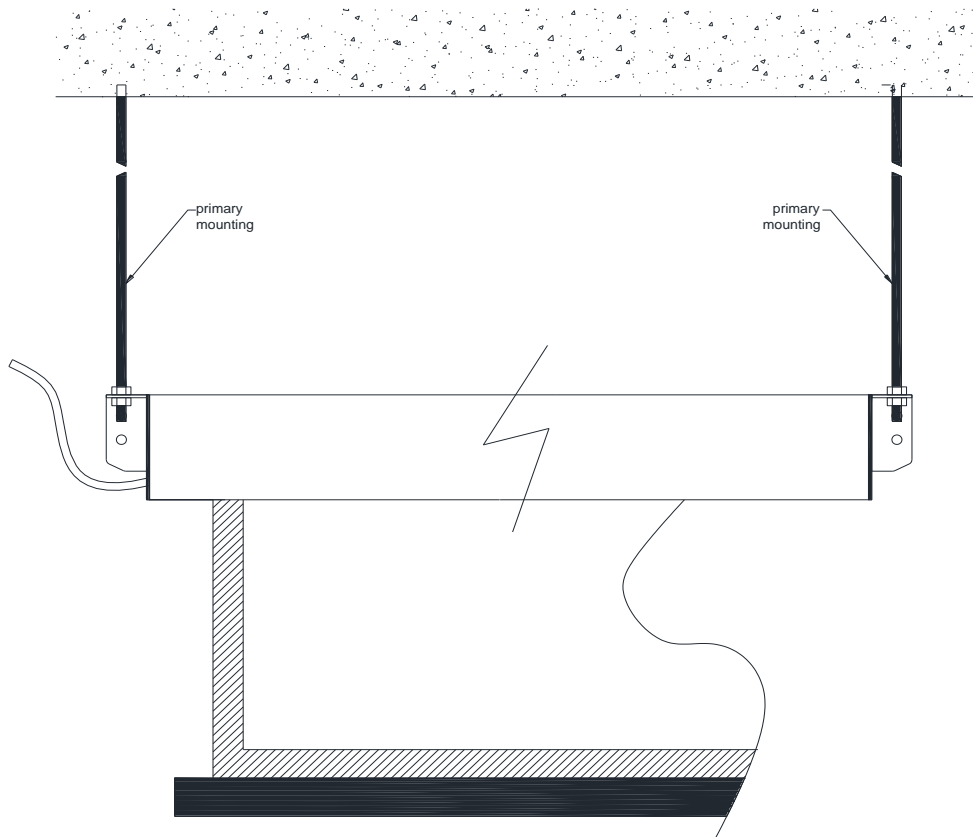
Limit Switch	Progressive Adjustment Easily adjusted to set the exact distance of travel in both directions.
Rotor	Asynchronous single phase motors with built-in capacitors. Thermally protected. 100% enclosed, brushless motor.
Brake	Electromagnetic brake Automatically stops and holds the load in any position.
Gearbox	Planetary type gears. Lowers rotor speed and increase Torque. Permanently lubricated.

ELECTRONIC CONTROLS		
Radio Frequency Transmitter (Handheld)	Model	LAV RF4843250
	Range	200M (unobstructed)/20M through 2 concrete walls
	Operating Temp.	-20 to 55 deg. C.
	Supply Voltage	12V DC
Receiver	Battery Type	3V CR2430
	Model	LAV RF4843250
	Supply Voltage	230V / 110'
	Frequency	50Hz
	Temperature range	0 to 70deg. C.
Transmitter (Wall Mounted)	Relay contact rating	5A 230V AC
	Transmitting Frequency	433.92MHz & 447 MHz
	Battery Type	3V CR2430
	Range	200M (unobstructed)/20M through 2 concrete walls
	Operating Temp.	-20 to 55 deg. C.

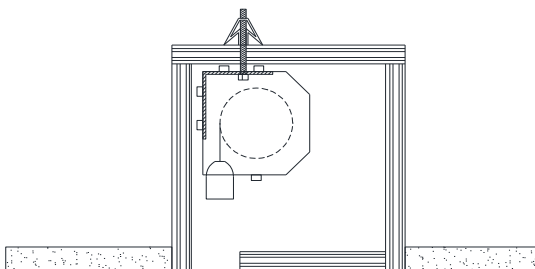
OTHERS	
Warranty	1year new warranty on screen and controls
Motor	Quiet
Screen Fabric	Matte White
	Good diffusion level
	No glare / Hot spot
	Wide viewing angle
	Perfect corner to corner image uniformity
	Surface of screen is inherently white and there is no "paint" coating that may "peel" or fade away in due time.

V02/2017

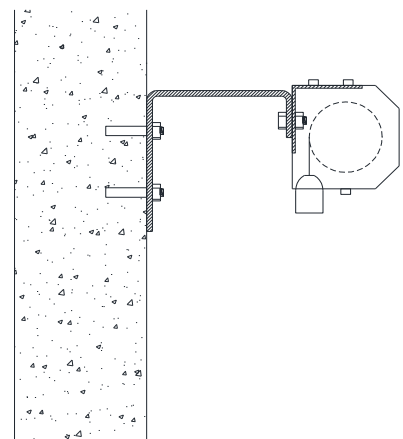
## TYPICAL INSTALLATION METHODS



Installation on Concrete ceiling  
using threaded rods



Installation in ceiling  
pelmet



Installation on  
Concrete Wall using  
extension bracket