

Electric Motorized Projection Screen Tab-Tension Series

Projection screen(s) Tab Tension:

electrically operated 120 volt (60 Hz) not more than 2.4 amp. Shall have specially designed motor mounted inside the roller, to be three wire with ground, quick reversal type, oiled for life, with automatic thermal overload cutout, integral gears, capacitor and an electric brake to prevent coasting. To have preset but adjustable limit switches to automatically stop the picture surface in the "up" and "down" positions. Junction box shall be integrated into the housing making it possible to install the housing and wire to the building's electrical system during construction. The junction box shall contain a quick connect connector that is mounted in the housing for easy plug-in connection to the motorized fabric and roller assembly. The motorized fabric and roller assembly may be installed in the case at the factory or at a later time at the job site. The roller to be of rigid metal. Roller mounting brackets to be adjustable to allow centering or offsetting of the screen within the case. Screen case to be a two piece design made of extruded aluminum. Case to be finished in white, lightly textured powder coat. Screen fabric to be mildew resistant vinyl with black masking borders standard. Each side of fabric to have a tab guide cable system to maintain even lateral tension and hold surface flat. Bottom of fabric to be inserted into a custom aluminum slat bar with added weight to provide vertical tension on the screen surface. The ends of the slat to be protected by heavy duty plastic caps enclosing a preset adjustable mechanism for screen tensioning. To be complete with integrated low voltage control unit and three position control switch and cover plate.



PRODUCT NOTES

- All screens except Parallax standard with 12" black drop at the top. Screens with Parallax surface standard with 2" of black drop at the top.
- Extra drop may alter case dimensions. Contact **Da-Lite for details.**
- Overall case length dimensions +/- 1/4" (6mm).
- Detail dimensional drawings, wiring diagrams and installation instructions available upon request.
- Specifications subject to change without notice.
- Custom formats and sizes available upon request.

SURFACE INFORMATION

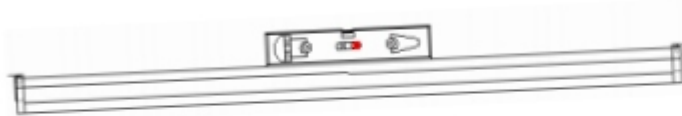
- All viewing surfaces are standard with black backing except Da-Tex® and Dual Vision.
- Parallax available in sizes up to 58" x 104" in HDTV format and 57½" x 92" in Wide format.
- HD Progressive 1.1 Perf and High Contrast Cinema Perf available in sizes up to 87" x 116" in Video format and 78" x 139" in HDTV format.
- All surfaces will be seamless in the image area.
- All HD Progressive, Da-Mat, Pearlescent, Cinema Vision, Da-Tex and Dual Vision surfaces are fire retardant.

Installation

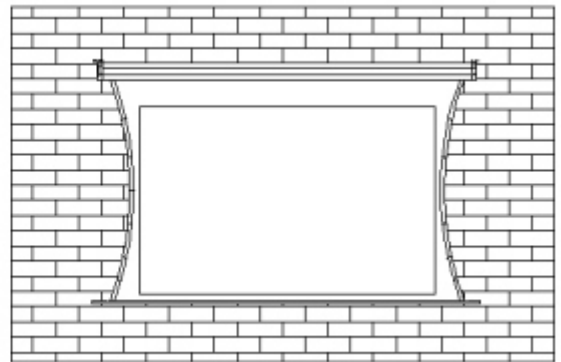
A. Wall Mount (flushed):

1. Measure distance between the 2 holes on the backside of both end caps with a measuring tape. Mark and then drill the two screw holes on the wall. (Note: Ensure the screen will be in perfect level alignment before drilling the screw holes.)
2. Insert wall anchors into the two drilled holes on the wall and then insert the screws into the anchors leaving the screw head to stick out of the anchor by at least a 1/8"
3. After hanging the screen on to the affixed screws, use the provided bubble leveler to ensure for a level

1. If the bubble runs to the right side, the screen is not balanced.

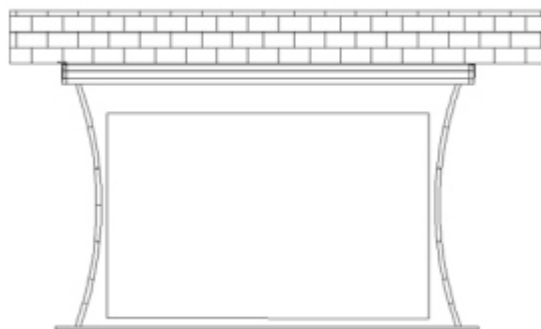


2. If the bubble is in the center, the screen is balanced.



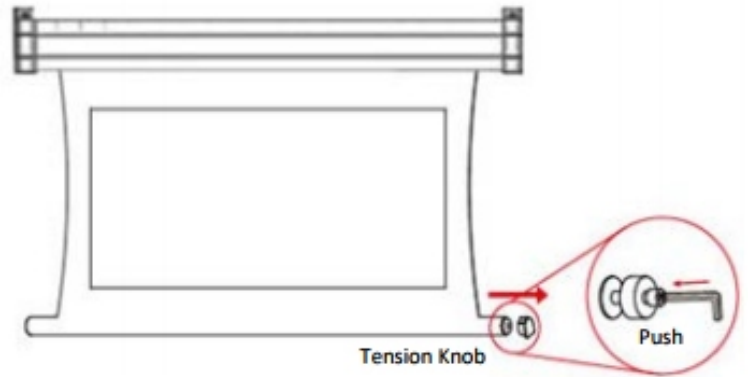
B. Ceiling Mount (flushed):

1. Measure distance between the holes on the top of both end caps with a measuring tape. Mark and then drill the four screw holes on the ceiling.
2. Insert wall anchors into the four drilled holes on the ceiling and then insert the screws through the end cap holes into the anchors and ensure that you tighten the screws without stripping the anchors
3. After hanging the screen on to the affixed screws, use the provided bubble leveler to ensure for a levelled installation



Screen material tension adjustment:

Remove the weight bar end cap to expose the adjustment tension knob. Insert your 4mm Allen Wrench to push in the adjustment tension knob, turn clockwise and your screen will gain more tension. Turn the Allen Wrench counter clockwise and the screen will lose tension. Please note this adjustment is not necessary as the tension of the screen has been preset by the factory for best performance.



TAB-TENSION DALITE 4:3				TAB-TENSION DALITE 16:9				TAB-TENSION DALITE 16:10		
Model	Diagonal (inch)	View Area (m)	View Area (inch)	Model	Diagonal (inch)	View Area (m)	View Area (inch)	Diagonal (inch)	View Area (m)	View Area (inch)
Tab100W	100"	2m03x1m52	80"x60"	T80	80"	1m78x1m	70"x39"	94"	1m27x2m03	50"x80"
Tab120W	120"	2m44x1m83	97"x72"	T92	92"	2m03x1m14	80"x45"	109"	1m46x2m34	57"x92"
Tab135W	135"	2m74x2m06	108"x81"	T100	100"	2m21x1m25	87"x49"	113"	1m52x2m44	60"x96"
Tab150W	150"	3m05x2m29	120"x90"	T105	105"	2m35x1m32	92"x52"	123"	1m65x2m64	65"x104"
Tab180W	180"	3m66x2m74	144"x108"	T120	120"	2m66x1m49	105"x59"	130"	1m75x2m79	69"x110"
Tab200W	200"	4m07x3m05	160"x120"	T133	133"	2m94x1m66	166"x65"	137"	1m84x2m95	72"x116"
Tab250W	250"	5m08x3m81	200"x150"	T150	150"	3m32x1m87	131"x74"	164"	2m21x3m53	87"x139"
Tab300W	300"	6m10x4m57	240"x180"	T180	180"	3m98x2m24	157"x88"	189"	2m54x4m06	100"x160"
Tab400W	400"	8m13x6m10	320"x240"	T200	200"	4m43x2m49	174"x98"			
Tab450W	450"	9m14x6m86	360"x270"	T300	300"	6m64x3m74	261"x147"			
				T350	350"	7m75x4m36	305"x172"			