



TENSIONED ADVANTAGE ELECTROL®

Automatic Electric Projection Screen Model

SPECIFICATION DATA

DA-LITE SCREEN COMPANY, INC.
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SUGGESTED SPECIFICATIONS: _____ projection screen(s), _____ (H) x _____ (W), electrically operated 120 volt (60 Hz) 1.4 amp. with a four prong male plug-in connector on the motor. Motor to be specially designed and mounted inside the roller with a patented noise silencer to be three wire quick reversal type, oiled for life, with automatic thermal overload cut-out, integral gears, capacitor and an electric brake to prevent coasting. To have preset but adjustable limit switches to automatically stop 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 four prong 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 to be installed in the case at the factory or at a later time at the job site. The fabric roller to be of rigid aluminum, 3-3/16" in diameter. Screen to be designed for left or right-hand motor installation. Screen fabric to be seamless, flame retardant and mildew resistant vinyl, with Da-Mat, High Contrast Da-Mat, Cinema Vision, High Contrast Cinema Vision, High Contrast Cinema Perf, Pearlescent, Audio Vision, High Contrast Audio Vision, Da-Tex (rear) or Dual Vision surface with black masked borders standard. Each side of the fabric to have tab guide cable system to maintain even lateral tension and hold surface flat. Bottom of fabric to be formed into a pocket holding a 3/8" diameter metal rod. Pocket to be inserted into an extruded aluminum slat. Custom slat bar with added weight maintains vertical tension on the screen surface. The ends of the aluminum slat to be protected by heavy duty plastic plugs. Top, front and back of case to be made of extruded aluminum. End caps to be of heavy gauge steel, with case and end caps painted white. Bottom of case to have a removable access door. Door to be of extruded aluminum painted white. Bottom of case to be self-trimming, with a built-in flange around the bottom of the case. To be completed with a three-position control switch in box with cover plate. Screen to be listed by Underwriters' Laboratories.



All surfaces will be seamless.

Audio Vision, High Contrast Audio Vision and High Contrast Cinema Perf: available in sizes up to 69" x 92" in Video format and 65" x 116" in HDTV format.

VIDEO FORMAT DIMENSIONS

Viewing Area		Nominal Diagonal		*Overall Length of Case		Approx. Ship. Wt.	
H x W	Cm	In.	Cm	In.	Cm	Lbs.	Kg
43" x 57"	109 x 145	72"	183	72-1/2"	184	77	35
50" x 67"	127 x 170	84"	213	83-1/2"	212	86	39
60" x 80"	152 x 203	100"	254	97-1/2"	248	98	44
69" x 92"	175 x 234	120"	305	111-1/2"	283	111	50
87" x 116"	221 x 295	150"	381	138-1/2"	352	135	61
108" x 144"	274 x 366	180"	457	163-1/2"	415	151	68
120" x 160"	305 x 406	200"	508	180-1/2"	458	169	77

DIMENSIONS SQUARE

Sizes		*Overall Length of Case		Approx. Ship. Wt.	
H x W	Cm	In.	Cm	Lbs.	Kg
50" x 50"	127 x 127	66-1/2"	169	70	32
60" x 60"	152 x 152	77-1/2"	197	80	36
70" x 70"	178 x 178	89"	226	90	41
84" x 84"	213 x 213	105-1/2"	268	104	47
6' x 8'	183 x 244	115-1/2"	293	114	52
8' x 8'	244 x 244	119"	302	116	53
7' x 9'	213 x 274	129-1/2"	329	126	57
9' x 9'	274 x 274	128"	325	124	56
8' x 10'	244 x 305	143"	363	132	60
10' x 10'	305 x 305	140"	356	135	61
9' x 12'	274 x 366	163-1/2"	415	146	66

HDTV FORMAT DIMENSIONS

Viewing Area		Nominal Diagonal		*Overall Length of Case		Approx. Ship. Wt.	
H x W	Cm	In.	Cm	In.	Cm	Lbs.	Kg
45" x 80"	114 x 203	92"	234	96"	244	92	42
52" x 92"	132 x 234	106"	269	108-1/2"	276	99	45
58" x 104"	147 x 264	119"	302	121-1/2"	309	114	52
65" x 116"	165 x 295	133"	338	134-1/2"	342	135	61
78" x 139"	198 x 353	159"	404	159-1/2"	405	148	67

*Add 1-3/4" to overall length of case for mounting brackets.

ALL SIZES: Case width 7-3/4" (including brackets), case height 6-3/8".

All screens standard with 12" black drop except 200" diagonal which has 4". Extra drop may alter case dimensions. Contact Da-Lite for details.

Electrical junction box extends 2-1/8" past case length on left end of case (1-1/8" past mounting flange. Units with built-in LVC will have internal LVC.

Overall case length dimensions ± 1/4".

Detail dimensional drawings, wiring diagrams and installation instructions available upon request.

Specifications subject to change without notice.

NOTE: Letterbox formats available upon request.

WHEN ORDERING, MARK APPROPRIATE SELECTIONS:

Select size from charts above.

Select viewing surface:

- Da-Mat™
- Pearlescent
- Cinema Vision
- High Contrast Da-Mat
- Da-Tex
- Dual Vision
- Audio Vision
- High Contrast Cinema Vision
- High Contrast Audio Vision
- High Contrast Cinema Perf

Options:

- Single Motor Low Voltage Control System - 3 Button. Available separately or built-in with screen. Built-in LVC will add 10" to overall length of case.
- Wireless Remote Control for L.V.C. system.
 - Radio Frequency Remote.
 - Infrared Remote.
- Locking Switch Cover Plate for 120V or 3-Button Switch.
- Key Operated Switch for 120V only (NOTE: Cannot be used with low voltage system).
- 220 Volt (50 Hz) Motor.
- SCB-100 RS-232 Serial Control Board
 - NET-100 Ethernet-Serial Adapter
 - MNC-100 Master Network Controller Software

Project:	_____
Architect:	_____
Phone:	_____
Contractor:	_____
Phone:	_____
Supervisor:	_____
Phone:	_____
Date:	_____
Revised:	_____

SUGGESTED METHODS OF INSTALLATION

