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INSTRUCTION BOOK FOR  
Tensioned Wireline™  
Advantage® Electrol®

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## Important Safety Instructions

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When using your video equipment, basic safety precautions should always be followed, including the following:

1. Read and understand all instructions before using.
2. Position the cord so it will not be tripped over, pulled or contact hot surfaces.
3. If an extension cord is necessary, a cord with a current rating at least equal to that of the appliance should be used. Cords rated for less amperage than the appliance may overheat.
4. To reduce the risk of electric shock, do not disassemble this appliance. Contact an authorized service dealer when repair work is required. Incorrect reassembly can cause electric shock when the appliance is used subsequently.
5. The use of an accessory attachment not recommended by the manufacturer may cause a risk of fire, electric shock, or injury to persons.
6. Do not allow children to play with fixed controls. Keep remote controls away from children.
7. Frequently examine the installation for imbalance and signs of wear or damage to cables. Do not use if repair or adjustment is necessary.

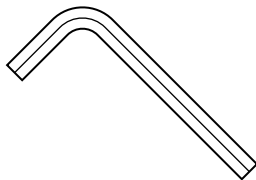
### Save These Instructions

## Tools Required for Installation

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3/4" Open Wrench  
or Socket Driver



1/8" Hex Key  
(included)

## Pre-Installation

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1. Carefully unpack case from shipping crate.
2. Set aside the Installation Kit. Items inside will be used during installation.
3. Make sure to recheck measurement of case for proper installation clearance.
4. Remove any protective foam from case.
5. If necessary, adjust hanger brackets with a 3/4" open wrench or socket driver.

## Case Installation

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1. The case provides multiple attachment points for bolts, cables, or threaded rod. Page 4 shows threaded rod installed. The variable position-mounting bracket may be located anywhere along the length of the case. It is recommended to keep the brackets spaced evenly enough to distribute the weight of the screen. One mounting bracket is required for every 4' of case length.

2. Tighten bolts until trim flange is flush with ceiling.

**NOTE:** For proper operation, screen assembly must be level after installation.

3. Remove 2 screws to open junction box. Install electrical connections that apply to your unit. Make sure to review the wiring diagram for proper hook up. Replace junction box cover and secure with 2 screws.

**NOTE:** Please Note: Motor Operator Projection Screen Model WAD must be installed in accordance with the requirements of the Local Building Codes, the Canadian Electrical Code (CEC), CAN/CSA C22.1 and the National Electric Code (NEC), NFPA 70. An appropriate disconnect device shall be provided as part of the building installation.

If your case was ordered in advance of the screen and roller assembly, your installation is now complete. Continue to step 4 if your Tensioned Wireline Advantage Electrol was ordered as a complete unit.

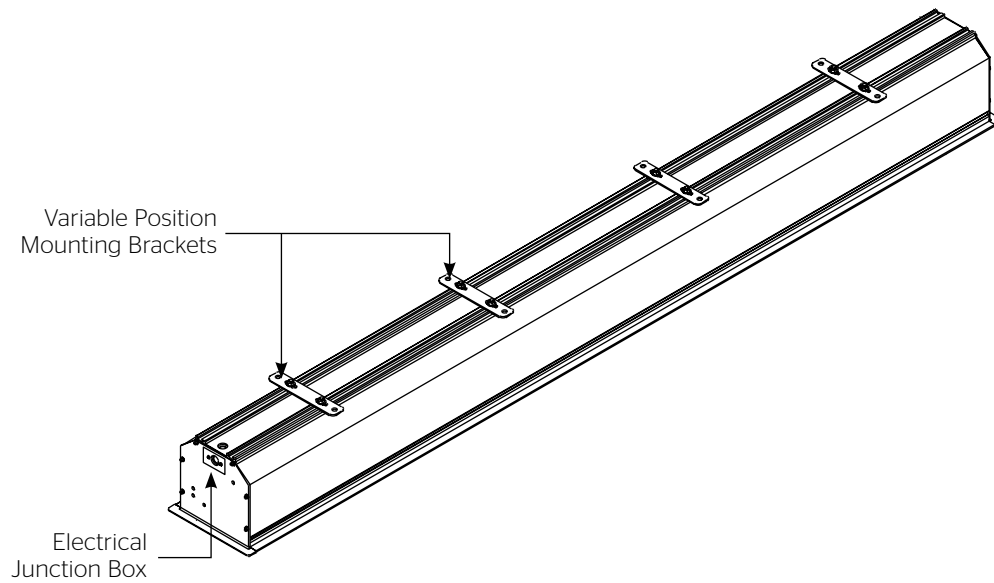
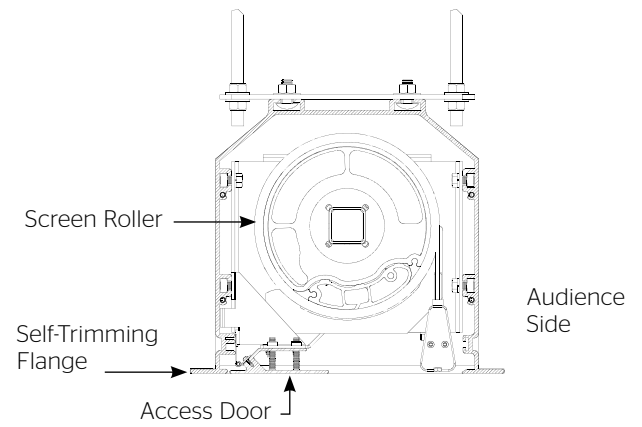
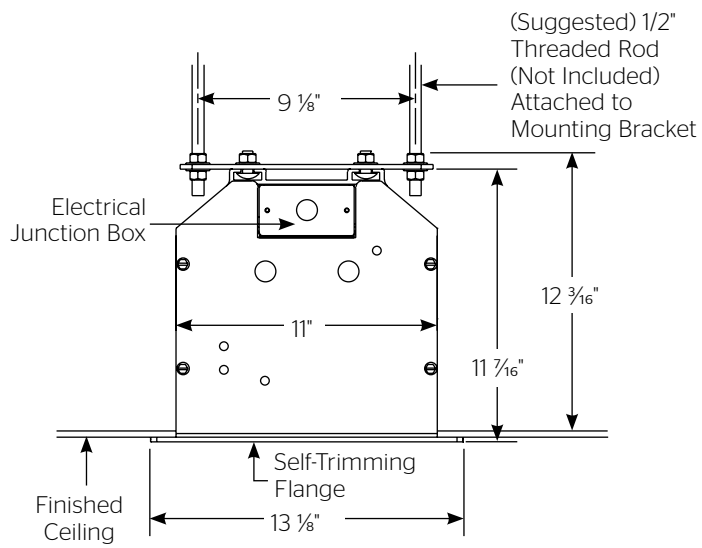
4. Carefully remove paper and tape from roller assembly

**⚠ CAUTION! Do not use a knife or sharp object to cut tape; you will damage the screen. Pull orange string.**

**⚠ ATTENTION! Ne coupez pas le ruban adhésif sur la toile avec un couteau ou un outil tranchant. Retirez à la main.**

5. Use supplied 1/8" hex key to remove silver shipping brackets attached to slat and screen case.
6. Test installation by running screen up and down a few times. Be prepared to stop screen should any objects obstruct the movement of the screen. To prevent damage to the motor, the standard duty cycle is 1 minute 30 seconds on and 60 minutes off.
7. The screen comes set standard with 18" of wire drop out of the case.

# Installation



## Screen Adjustment

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Surface travel is set to stop automatically with 18" of wire travel out of the case. Use the supplied radio frequency remote control to make adjustments to the amount of travel.

### More Screen Drop

1. Run screen in down direction until it reaches lower limit and stops.
2. Press and hold both UP and DOWN arrows simultaneously until screen jogs.
3. Run screen to new desired lower limit position by pressing DOWN arrow on remote

**Note:** Motor will run in momentary contact mode while in this procedure. If you go too far down you can press up and move to the next step.

4. Press and MY (STOP) button until the screen jogs to confirm new limit.

**⚠ CAUTION: Do not adjust for more than 29' of cable drop.**

**⚠ ATTENTION! Ne pas régler plus de 884 centimètres de chute de câble**

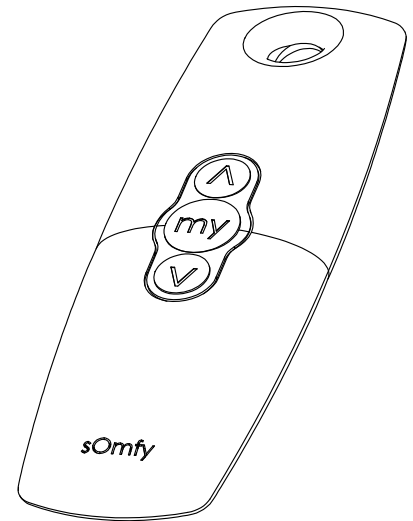
### Less Screen Drop

1. Run screen in down direction until it reaches lower limit and stops.
2. Press and hold both UP and DOWN arrows simultaneously until screen jogs.
3. Run screen to new desired lower limit position by pressing UP arrow on remote.

**Note:** Motor will run in momentary contact mode while in this procedure. If you go too far down you can press down and move to the next step.

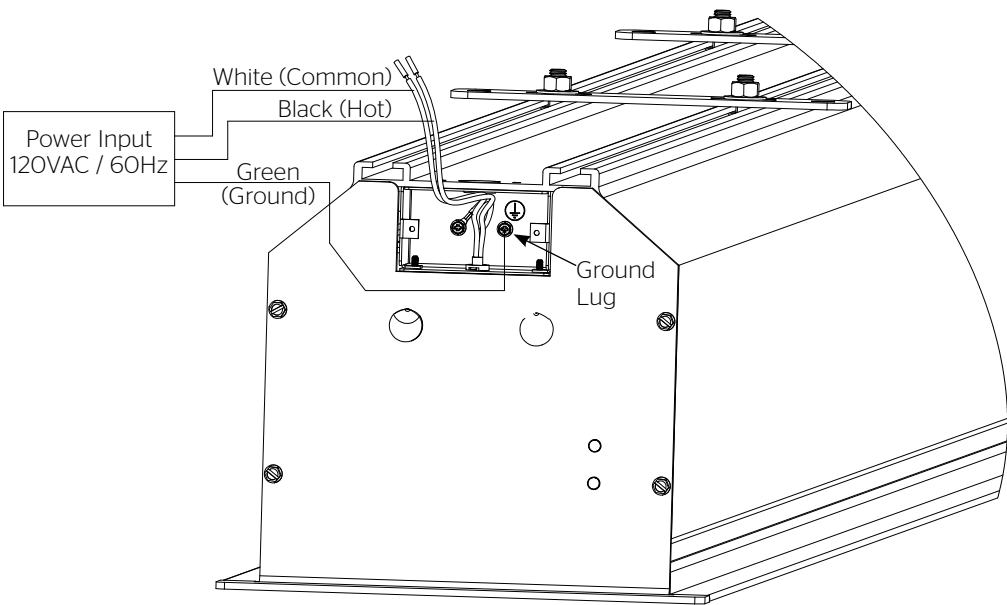
4. Press and MY (STOP) button until the screen jogs to confirm new limit.

**Note:** The entire screen must be unrolled from the large roller for proper tensioning.

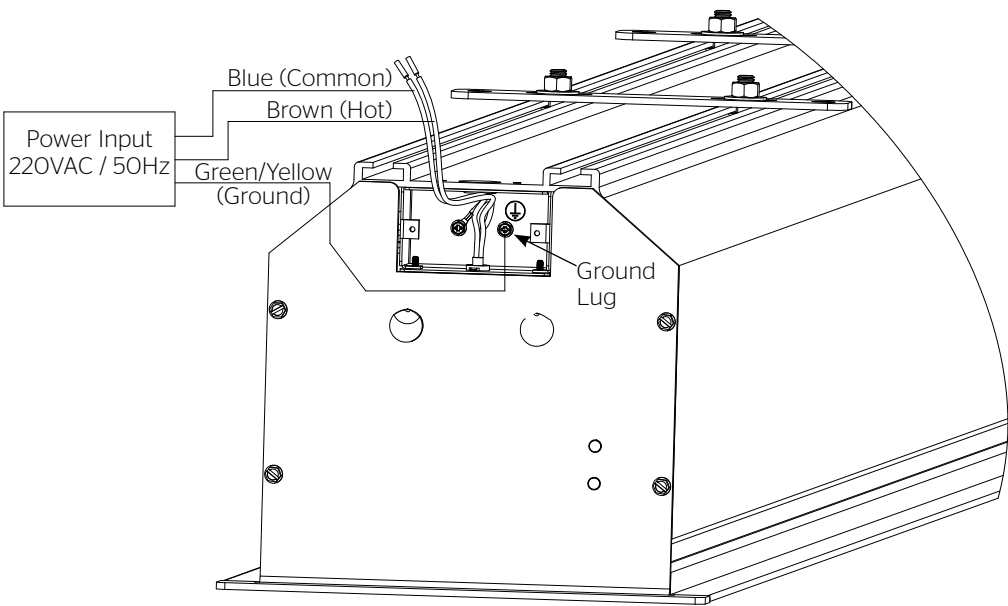


**Figure 1**

120V Wiring Diagram



240V Wiring Diagram



## Troubleshooting

Visit [www.da-lite.com](http://www.da-lite.com) to find installation and troubleshooting tutorials. You will also find a link to Live Chat for interactive support.

You can contact us by email at [info@da-lite.com](mailto:info@da-lite.com) or by phone at 800.622.3737 or 574.267.8101 with any additional troubleshooting questions.

Symptom	Cause	Solution
<b>Screen will not operate and motor does not hum.</b>	Incorrect line voltage.	Verify 115-125V (or 220-240V). If insufficient voltage, rewire incoming electric line.
	Blown fuse.	Replace fuse.
	Tripped circuit breaker.	Reset circuit breaker.
	No power to junction.	Check above. Tighten all loose wire connections. Correct any improper connections.
<b>Screen will not operate and motor does not hum. Power at junction box.</b>	Thermal overload tripped.	Let motor cool down for 50 minutes. Try again.
	Defective motor, limit switch or capacitor.	Replace motor assembly. NOTE: Motor is a sealed assembly.
	Capacitor burned out.	Replace motor assembly.
<b>Screen does not stop at correct position.</b>	Limit switch out of adjustment.	See Screen Adjustment section.
<b>Noise. NOTE: Screen will operate with a low pitched hum.</b>	Squeaking, rubber end plug rubbing on motor.	Center roller in case.
	Grinding. Foreign object in screen rubbing on roller or fabric.	Remove.
	Gear noise.	Replace motor assembly.
<b>Coasting.</b>	Defective brake.	Replace motor assembly.
<b>Fabric hangs crooked.</b>	Screen not installed properly.	Check for level and plumb.
	Fabric is damaged.	Replace fabric.



## LIMITED ONE YEAR WARRANTY ON DA-LITE PRESENTATION PRODUCTS

Milestone AV Technologies LLC warrants certain Da-Lite branded products to the original purchaser only, to be free from defects in materials and workmanship for a period of one (1) year from the date of purchase by the original purchaser; provided they are properly operated according to Da-Lite's instructions and are not damaged due to improper handling or treatment after shipment from the factory.

This warranty does not apply to equipment showing evidence of misuse, abuse or accidental damage, or which has been tampered with or repaired by a person other than authorized Da-Lite personnel.

Da-Lite's sole obligation under this warranty shall be to repair or to replace (at Da-Lite's option) the defective part of the merchandise. Returns for service should be made to your Da-Lite dealer. If it is necessary for the dealer to return the screen or part to Da-Lite, transportation expenses to and from Da-Lite are payable by the purchaser and Da-Lite is not responsible for damage in shipment. To protect yourself against damage or loss in transit, insure the product and prepay all transportation expenses.

**TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WARRANTIES AS TO FITNESS FOR USE AND MERCHANTABILITY.** Any implied warranties of fitness for use, or merchantability, that may be mandated by statute or rule of law are limited to the one (1) year warranty period. This warranty gives you specific legal rights, and you may also have other rights, which vary from state-to-state. **TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, NO LIABILITY IS ASSUMED FOR EXPENSES OR DAMAGES RESULTING FROM INTERRUPTION IN OPERATION OF EQUIPMENT, OR FOR INCIDENTAL, DIRECT, OR CONSEQUENTIAL DAMAGES OF ANY NATURE.**

In the event that there is a defect in materials or workmanship of a Da-Lite product, you may contact our Customer Care Specialists at 3100 North Detroit Street, Warsaw, IN 46582, (574) 267-8101, (800) 622-3737.

**IMPORTANT: THIS WARRANTY SHALL NOT BE VALID AND DA-LITE BRANDED PRODUCTS SHALL NOT BE BOUND BY THIS WARRANTY IF THE PRODUCT IS NOT OPERATED IN ACCORDANCE WITH THE DA-LITE WRITTEN INSTRUCTIONS.**

Keep your sales receipt to prove the date of purchase and your original ownership.



A Milestone AV Technologies Brand

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