



INSTRUCTION BOOK FOR
Dual Format Imager



Important Safety Instructions

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

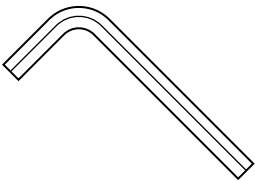
1. Read and understand all instructions before using.
2. Close supervision is necessary when any appliance is used by or near children. Do not leave appliance unattended while in use.
3. Care must be taken as burns can occur from touching hot parts.
4. Do not operate appliance with a damaged cord or if the appliance has been dropped or damaged - until it has been examined by a qualified serviceman.
5. To reduce the risk of electric shock, do not immerse this appliance in water or other liquids.
6. The use of an accessory attachment not recommended by the manufacturer may cause a risk of fire, electric shock, or injury to persons.

Save These Instructions

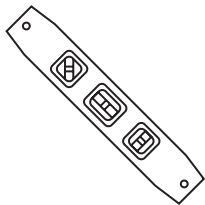
Pre-Installation

Have space for this unit available on a flat clean surface such as a large table or floor. The work area should be larger than the frame size. If the floor is used, clean papers should be spread to keep all dirt from the Pro-Trim surfaces.

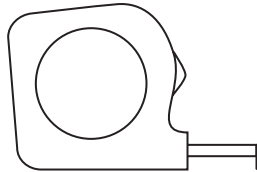
Tools Required for Installation



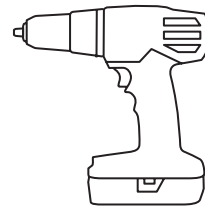
1/8" and 5/64"
Allen Wrenches



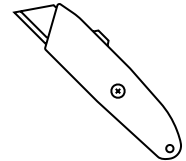
Carpenter's Level



Tape Measure



Electric Screw Gun



Utility Knife

Unpackaging the Frame:

1. The frame will arrive in two separate cardboard boxes. One box will be very long and will house the top & bottom pieces. The smaller cardboard box will house the side frame pieces, hanger hardware, hardware required to put frame together and the wall switch.
2. To open the boxes there is a side flap that is taped down the length of the box. It will be labeled OPEN THIS SIDE (Figure 1). Carefully cut tape down the length of the box with a utility knife and fold box open. You will have to tear hard on the ends as it is stapled on the ends.

3. Inside each box the frame pieces will be individually paper wrapped and taped. Remove all paper from pieces.

⚠ CAUTION: DO NOT USE A UTILITY KNIFE TO REMOVE PAPER FROM PIECES

⚠ ATTENTION: N'UTILISEZ PAS DE COUPEAU UTILITAIRE POUR RETIRER LE PAPIER DES PIÈCES.

4. Remove all paper and styrofoam blocks from top frame assembly after unwrapping.

Frame Assembly

1. In the hardware bag, you will receive (12) #10 x .500" long hex button head screws required for frame assembly.
2. Lay frame pieces out on floor or table as shown in Figure 1. The top frame assembly has the roller and motor assembly attached to it. The side frames are the two shorter pieces. Watch side piece to make sure oriented properly. The sides have two riv nuts used for roller mounting brackets that should face toward the top frame piece.

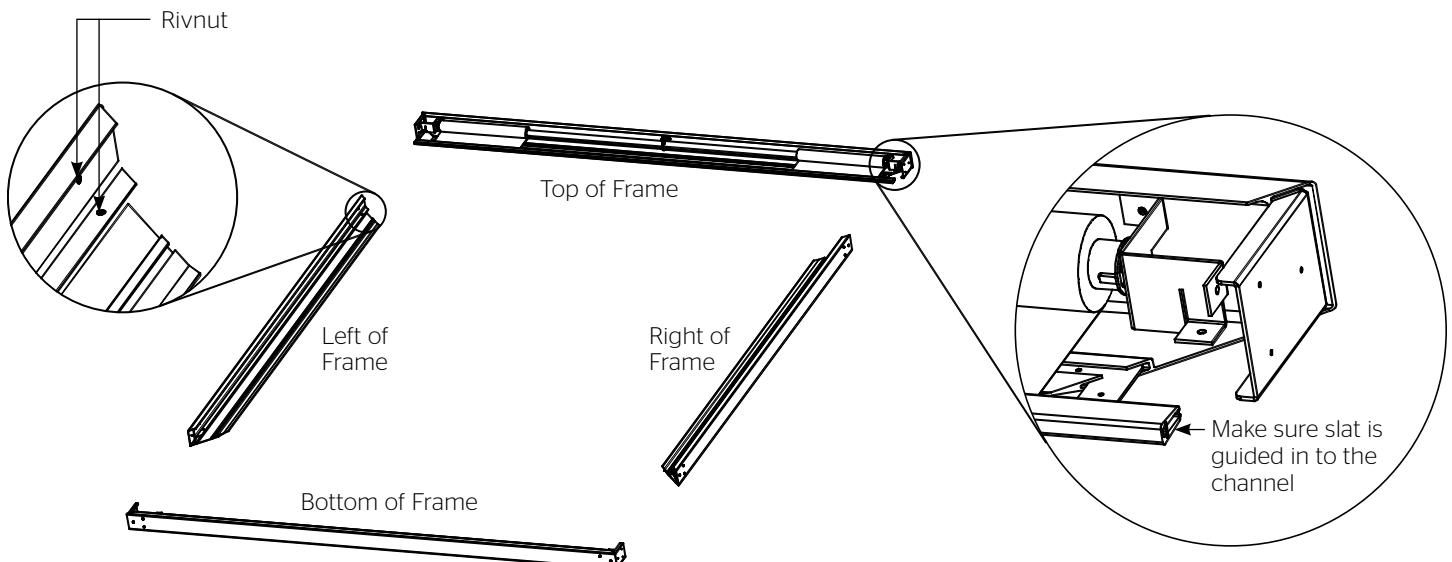


Figure 1

Frame Assembly (continued)

3. Assemble left side of frame to the top of frame. The large black metal L bracket will slide into the aluminum extrusion while the small L bracket will slide into the aluminum channel. The pin end bracket needs to be on the outer surface to bolt into the rivnuts of the left side piece. The slat will need to be guided in between the standing fin and the front of the frame.

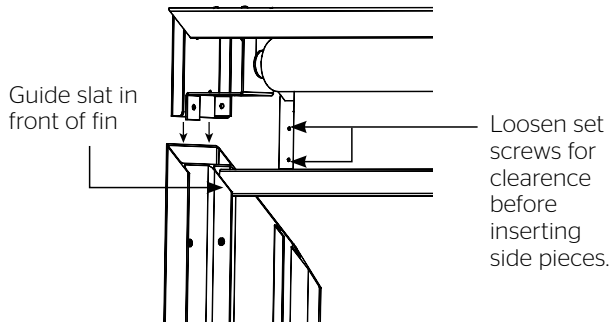


Figure 2 - Back of Frame

4. Using a 5/64" allen wrench, tighten set screws in frame straightener bracket. Adjust set screw so that the front surfaces evenly match at the corner (Figure 4).
5. Using a 1/8" allen wrench, insert (3) #10 x .500" long button head screws in frame corner connector bracket. Tighten down snug to frame surface (Figure 5).

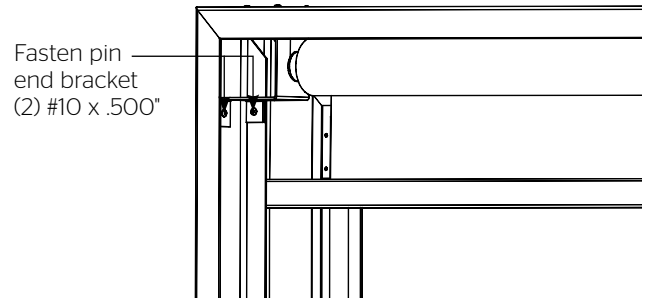


Figure 3 - Back of Frame

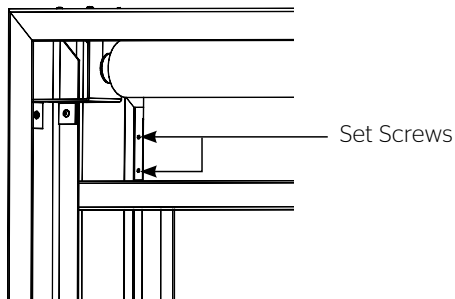


Figure 4 - Back of Frame

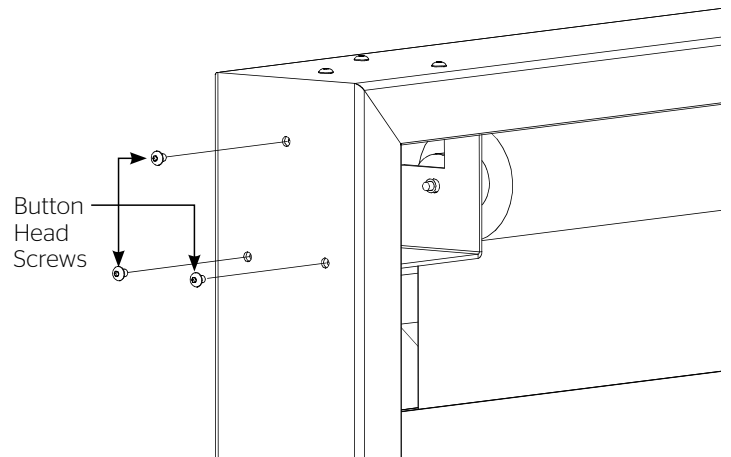


Figure 5

Frame Assembly (continued)

6. Assemble right side of frame to the top of frame. This is done exactly the same way as the left side. When assembling the unit, route the motor wire behind bracket as shown and attach field wiring box to side of frame (Figure 6 and 7).
7. Assemble bottom of frame to the right and left sections of frame. This is done by sliding the large black metal L brackets into the aluminum extrusion while the small L brackets will slide in the aluminum channels. Then repeat steps 8 and 9 on each side (Figure 8).

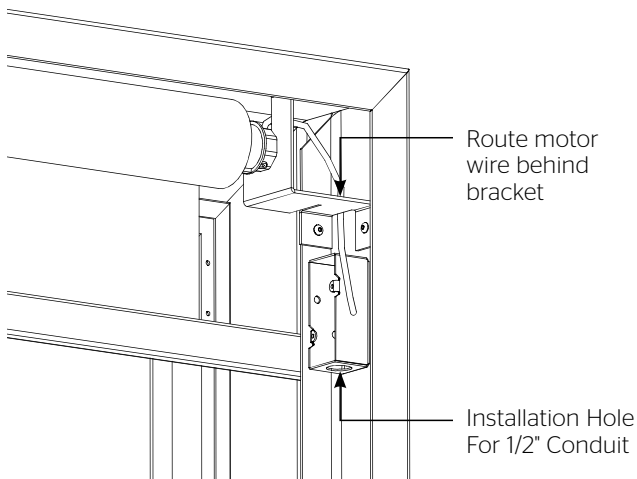


Figure 6 - Back of Frame

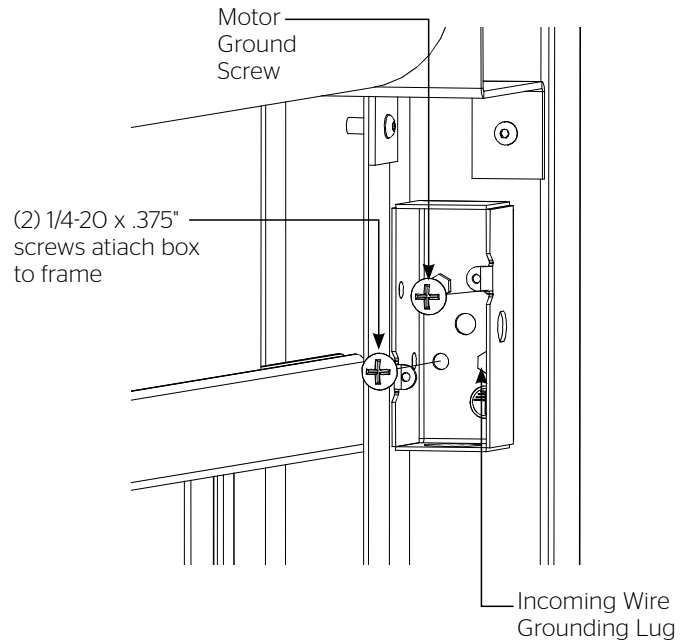


Figure 7 - Back of Frame

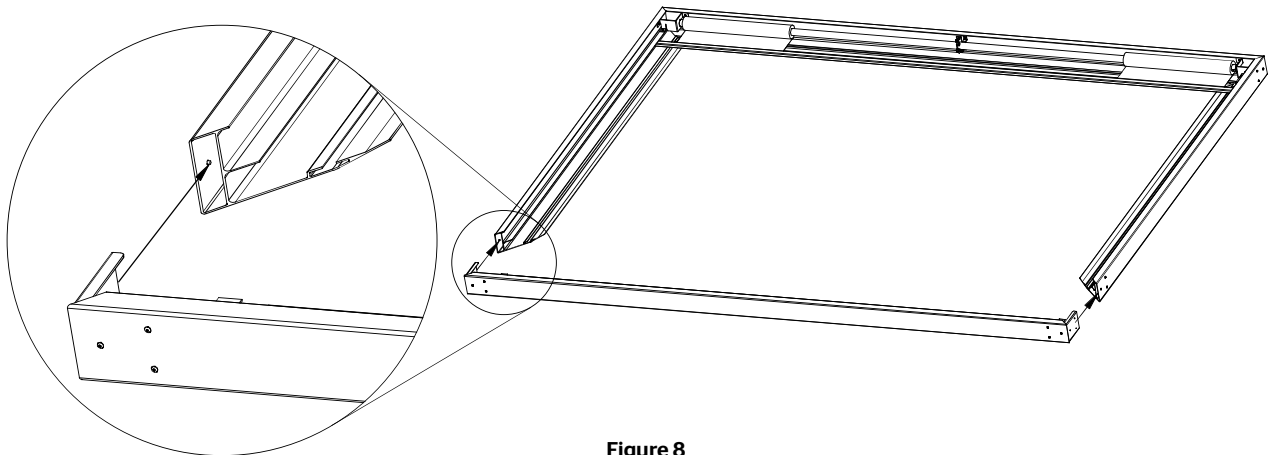


Figure 8

Wall Mounting Assembly

1. Depending on size of screen it will be shipped with either 2 wall brackets that are 48" long or 2 wall brackets that are 64" long. Two small L brackets included will be used to hold frame securely to wall at bottom.
2. To install the Dual Format Imager over a Da-Lite Perm-Wall screen you will need to place the supplied wooden spacers between the screen and the wall.

NOTE: Da-Snap, Imager and Cinema Contour frames do not require any spacers.

3. Refer to Figure 9 hanger bracket location. Dimension A will vary depending on the type of screen you have. Dimension A is measured from the top of the screen frame to the top of the hanger bracket.

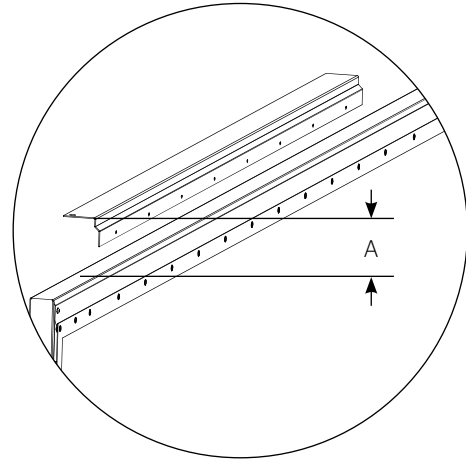


Figure 9

Screen Type	Dimension A
Cinema Contour	3-3/4"
Perm-Wall	4-3/4"
Imager	4-3/4"
Da-Snap	5-1/4"

4. Both wall brackets must be mounted into at least two wall studs. Check to make sure both brackets are vertically level with each other.
5. Drill holes and attach mounting brackets into wall. You will need at least 4" clearance above the drilled holes to hang the screen. Dimension for hole is shown from the top bracket to center hole position. It is recommended to use a 1/4" x 1 1/2" lag screw (not supplied) to fasten bracket to wall.

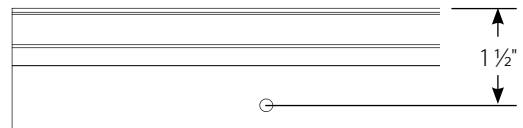


Figure 10

Wall Mounting Assembly (continued)

6. Hang the frame assembly on the hanger brackets as shown in image. Carefully slide bracket between the top of the frame extrusion and the roller assembly. There is a lip on the back of the frame that wedges itself into the hanger bracket once fully installed on bracket. This is a two person installation. Do not attempt to do this without two people.

The top of the frame assembly will be approximately 1 3/4" above the hanger brackets when mounted.

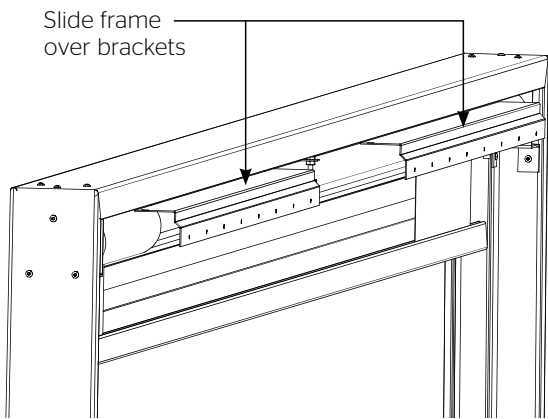


Figure 11

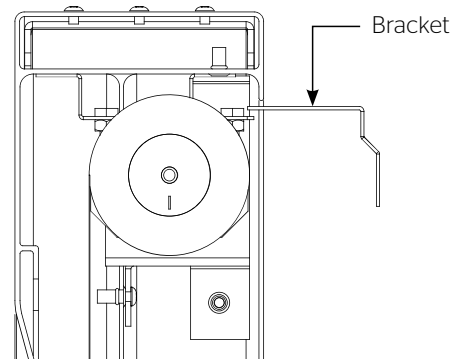


Figure 12

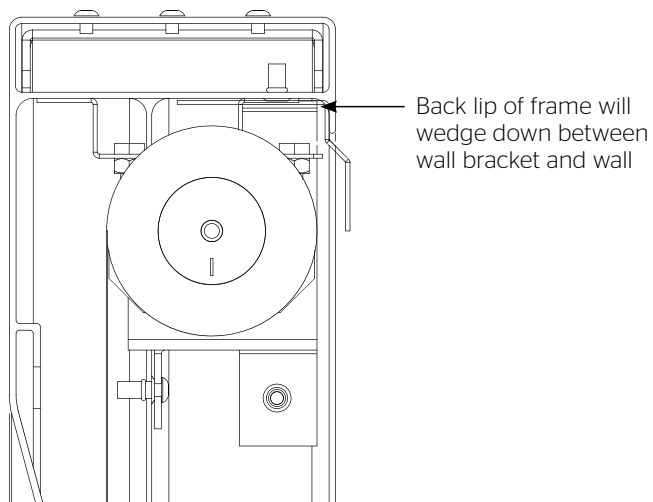
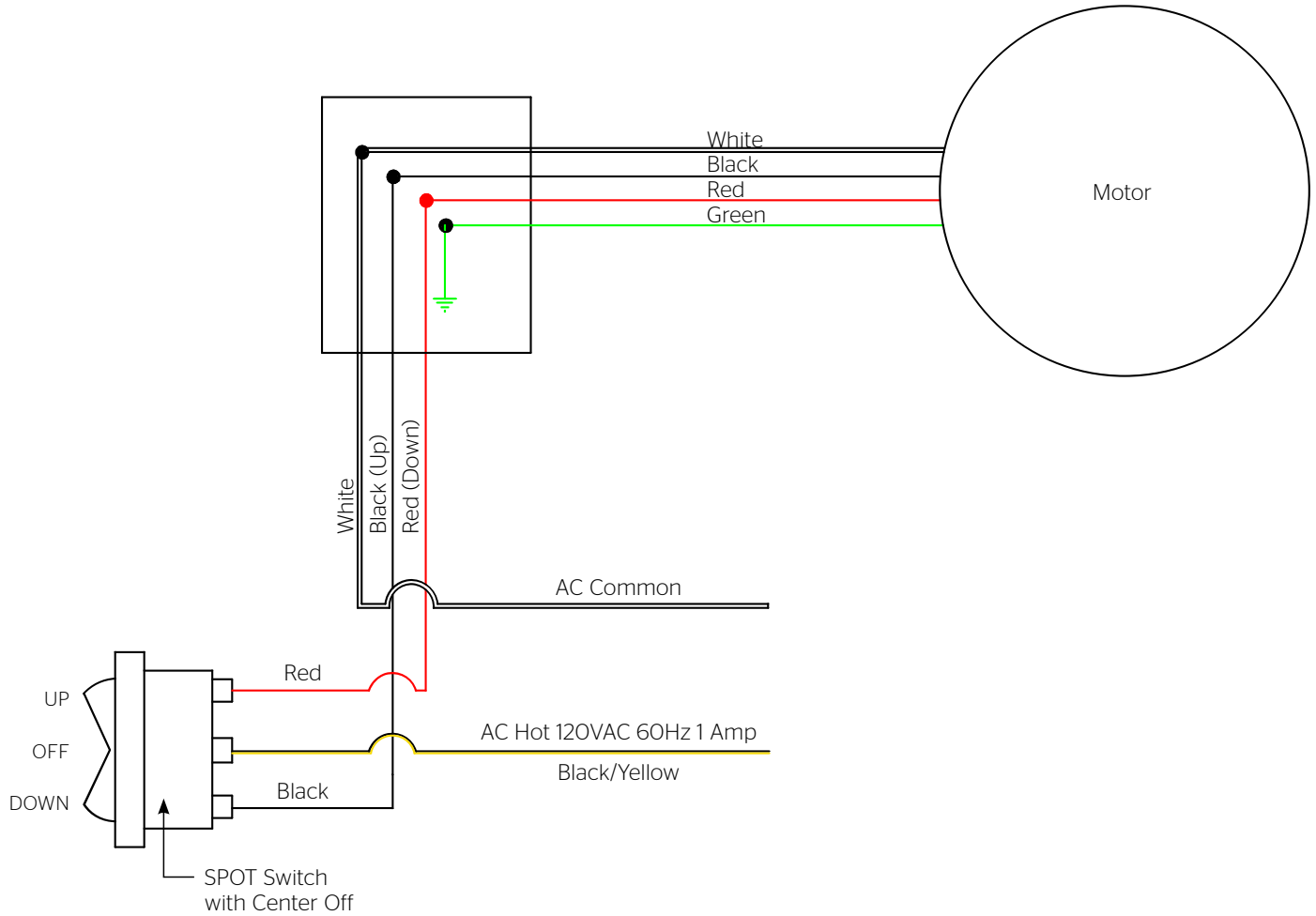


Figure 13

120V Wiring Diagram for Standard Wall Switch

NOTE: Junction box located on left upper side of frame

Note: A single switch cannot be used to operate more than one screen. Contact Da-Lite for further information.



⚠ CAUTION: This switch can not be used with LVC.

⚠ ATTENTION: Ce commutateur ne peut être utilisé avec le tableau de contrôle basse tension.

Post Installation Procedures

1. Test installation by carefully running mask surface up and down 2-3 times. Be prepared to stop screen. Standard Duty Cycle: 1 MIN. ON | 3 MIN. OFF.

⚠ CAUTION! Excessive continuous operation may cause overheating. If motor overheats put switch in center-off position and allow motor to cool for 30 minutes.

⚠ ATTENTION! Le fonctionnement continu et excessif peut provoquer une surchauffe. Si le moteur surchauffe, mettez le commutateur au centre sur la position Off et laissez le moteur refroidir pendant 30 minutes.

Travel Adjustments:

Masking travel is stopped automatically in the up and down positions by limit switches that are properly adjusted at the factory. Should it be necessary to adjust the stop positions, proceed in the following manner:

NOTE: Use a screw driver or 5/32" Allen wrench to make adjustments.

MORE SCREEN DROP

1. Place operating switch in "down" position.
2. When the mask stops, turn the "down" limit knob (WHITE) one turn counterclockwise. Test by raising the mask approximately two feet, then lower again. Repeat until desired picture surface position is attained.

LESS SCREEN DROP

1. Raise picture surface approximately two feet above desired level.
2. Place operating switch in "off" position.
3. Turn the "down" limit knob (WHITE) one turn clockwise. Test by raising the mask approximately two feet, then lower again. Repeat until desired picture surface position is attained.

Troubleshooting

Symptom	Cause	Solution
Masking System will not operate. Motor does not hum.	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 operating switch or junction.	Check above. Tighten all loose wire connections. Correct any improper connections. Down Position Check for power across black and white leads. Up Position Check for power across red and white leads.
Screen will not operate and motor does not hum. Power at junction box.	Thermal overload tripped.	Let motor cool down for 15 minutes. Try again.
	Broken wire in the "down" or "up" position.	Check for continuity. Cut off old splice and reconnect.
	Defective motor, limit switch or capacitor.	Replace motor assembly. NOTE: Motor is a sealed assembly.
	Capacitor burned out.	Replace motor assembly.
Masking System does not stop at correct position.	Limit switch is out of adjustment.	See Mask Travel Adjustment section on page 9.
Noise. NOTE: Masking System will operate with a low-pitched hum.	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.
Coasting.	Defective brake.	Replace motor assembly.
Mask hangs crooked.	Masking System not installed properly.	Check for level and plumb.
	Mask has backed up inside case.	Adjust "down" limit switch slowly until roller is exposed and wrinkle comes out, then readjust for proper drop.
	Mask is damaged.	Replace mask.

Conditions for Transportation and Storage

- Temperature: Between 40 - 100°F (5 - 40°C)
- Relative Humidity: 30% to 70%, non-condensing
- Always keep the projection screen horizontal during transport and storage
- Make sure the entire package is supported when stored
- Do not stack more than six projection screens on top of each other
- Make sure the heaviest package is placed at the bottom of the stack

Screen surface should be allowed to air out once every two months, or otherwise used on a regular basis, if the temperature is above 72°F (22°C) and at least once every month if the temperature goes above 85°F (30°C).

LIMITED FIVE 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 five (5) years 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 five (5) 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.



FOR YOUR IMAGE | legrandav.com

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