Da-Lite 28273T

Da-Lite 28273T 87-inch Projection Screen and Dry Erase White Board User Manual

Model: 28273T

1. INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your Da-Lite 28273T 87-inch Projection Screen and Dry Erase White Board. This product is designed for dual functionality, serving as both a high-quality projection surface and a versatile dry erase whiteboard. Please read this manual thoroughly before use to ensure safe and optimal performance.

2. SAFETY INFORMATION

Important Safety Instructions:

- Due to its weight (approximately 55 pounds) and dimensions, this product requires careful handling and installation. Always use appropriate lifting techniques and seek assistance when moving or mounting the screen.

- Ensure the mounting surface is structurally sound and capable of supporting the screen's weight. Use appropriate fasteners for your wall type. Consult a qualified professional for installation if you are unsure.

- Keep all packaging materials away from children.

- Do not attempt to modify or disassemble the product. Unauthorized modifications may void the warranty and pose safety risks.

- Use only dry erase markers specifically designed for whiteboards. Avoid permanent markers or abrasive cleaning agents.

3. PACKAGE CONTENTS

Verify that all components are present and undamaged before proceeding with installation.

- Da-Lite 28273T 87-inch Projection Screen and Dry Erase White Board

- Mounting Hardware (screws, anchors, brackets - specific types may vary based on model revision)

- Installation Template (if included)

If any items are missing or damaged, contact Da-Lite customer support immediately.

4. SETUP AND INSTALLATION

The Da-Lite 28273T screen is designed for wall mounting. Due to its size and weight, a minimum of two people are recommended for installation. Professional installation is advised to ensure proper and secure mounting.

4.1 Choosing a Location

- Select a wall that is structurally sound and free from obstructions.
- Consider the viewing angle for projection and accessibility for dry erase use.
- Avoid direct sunlight or strong ambient light sources that could affect projection quality.

4.2 Mounting Instructions

1. **Measure and Mark:** Carefully measure the desired height and center point for the screen on the wall. Use a level to ensure the mounting points will be perfectly horizontal. If an installation template is provided, use it.

2. **Drill Pilot Holes:** Based on your measurements and the type of mounting hardware provided, drill appropriate pilot holes into the wall. Ensure you are drilling into wall studs or using suitable wall anchors for drywall.

3. **Attach Mounting Brackets:** Securely fasten the mounting brackets to the wall using the provided screws and anchors. Double-check that the brackets are firmly attached and level.

4. **Lift and Hang:** With assistance, carefully lift the screen and align its mounting points with the installed wall brackets. Gently lower the screen onto the brackets, ensuring it is securely seated.

5. **Final Check:** Verify that the screen is level, stable, and securely mounted to the wall.

Figure 4.1: The Da-Lite 28273T 87-inch Projection Screen and Dry Erase White Board, showcasing its large, clean surface suitable for both projection and writing.

5. OPERATING INSTRUCTIONS

5.1 Using as a Projection Screen

The Da-Lite 28273T features a matte screen surface, designed to reduce glare and provide clear image projection.

- **Projector Placement:** Position your projector to align the image with the screen's 87-inch diagonal display area (46"W x 73.5"H, 16:10 aspect ratio). Adjust the projector's keystone correction and focus for optimal image quality.
- **Lighting Conditions:** For best projection results, minimize ambient light in the room. The matte surface helps, but excessive light can still wash out the image.

5.2 Using as a Dry Erase Whiteboard

The screen surface also functions as a dry erase whiteboard.

- **Markers:** Use only high-quality dry erase markers. Avoid permanent markers, as they will stain the surface.
- **Erasing:** Use a dedicated dry erase board eraser or a soft, clean cloth to remove markings. Erase promptly after use to prevent ghosting.
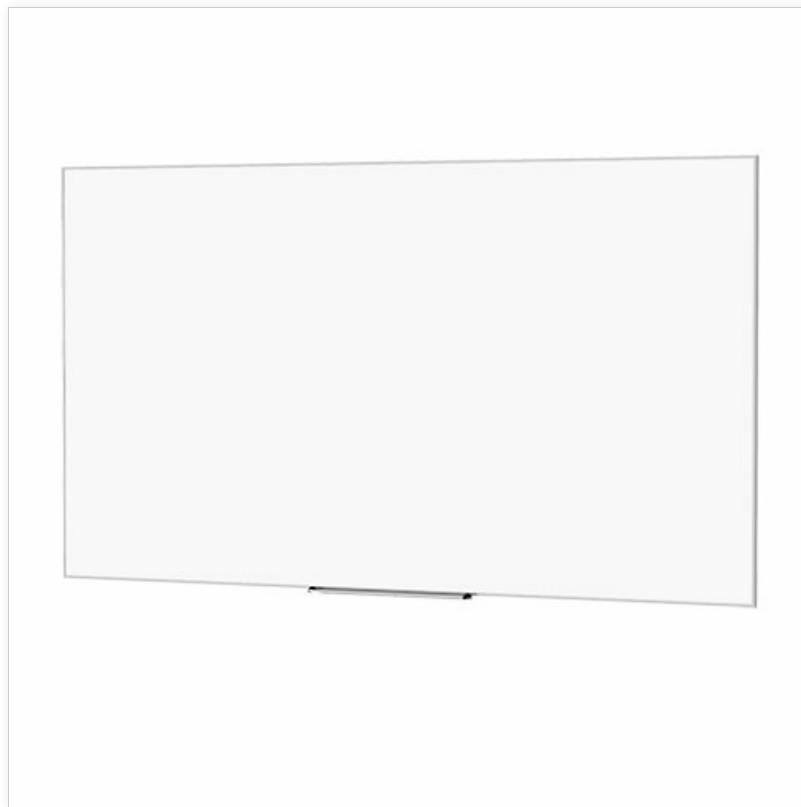

Figure 5.1: Detail of the Da-Lite 28273T screen surface, illustrating its dual-purpose design.

6. Maintenance and Care

Proper maintenance will extend the life and performance of your Da-Lite screen.

- **Cleaning the Screen Surface:**
  - For dry erase marks, use a clean, soft dry erase eraser.
  - For stubborn marks or general cleaning, lightly dampen a soft, lint-free cloth with water or a mild, non-abrasive whiteboard cleaner. Wipe gently and dry immediately with another clean, dry cloth.
  - Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the screen surface.
- **Frame Cleaning:** Wipe the frame with a soft, damp cloth. Avoid getting moisture into any internal components.
- **Inspection:** Periodically inspect the mounting hardware to ensure it remains secure.

7. TROUBLESHOOTING

This section addresses common issues you might encounter.

Problem	Possible Cause	Solution
Image appears dim or washed out during projection.	Excessive ambient light; projector settings.	Reduce room lighting. Adjust projector brightness, contrast, and keystone settings.
Marks are difficult to erase from the whiteboard surface.	Used permanent marker; old dry erase marks; dirty eraser.	Ensure only dry erase markers are used. Erase marks promptly. Clean or replace the eraser. Use a specialized whiteboard cleaner for stubborn marks.
Screen appears uneven or wobbly after installation.	Improper installation; loose mounting hardware.	Re-check mounting hardware for tightness. Ensure wall anchors are properly seated. If necessary, re-install with professional assistance.

8. SPECIFICATIONS

Key specifications for the Da-Lite 28273T Projection Screen and Dry Erase White Board:

Feature	Detail
Model Number	28273T
Screen Size (Diagonal)	87 inches
Product Dimensions (W x H)	73.5 inches x 46 inches (active display area)
Aspect Ratio	16:10
Screen Surface	Matte (reduces glare)
Functionality	Projection Screen & Dry Erase Whiteboard
Mounting Type	Wall Mount, Board Mount
Item Weight	55 pounds (approx.)
Manufacturer	Da-Lite

9. WARRANTY AND SUPPORT

Da-Lite products are manufactured to high standards and are backed by a limited warranty. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official Da-Lite website.

Customer Support:

If you have any questions, require technical assistance, or need to report a problem with your Da-Lite 28273T screen, please contact Da-Lite customer support.
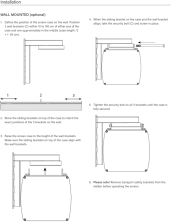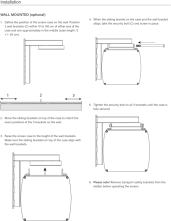
- **Website:** www.legrandav.com/products/da-lite (Official Da-Lite product page, part of Legrand AV)
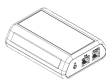- **Phone:** Refer to the Da-Lite website for current contact numbers.

Please have your model number (28273T) and purchase information ready when contacting support.

Related Documents - 28273T

[Da-Lite Projection Screens: Selection Guide and Product Specifications](#)
A comprehensive guide from Da-Lite on selecting the right projection screen, featuring the Picture King tripod screen, Standard Fast-Fold systems, and Fast-Fold Truss Frame screens, including detailed specifications and accessories.

[DA-LITE Tensioned Advantage Electrol Installation and Operation Manual](#)
Comprehensive instruction manual for the DA-LITE Tensioned Advantage Electrol motorized projection screen. Covers safety, pre-installation, installation steps for case and screen assembly, suggested mounting methods, screen adjustment for 120V and 240V systems, detailed wiring diagrams, and troubleshooting guide. Includes warranty information from Milestone AV Technologies LLC.

[Da-Lite Tensioned Cosmopolitan Series Instruction Manual](#)
Comprehensive instruction manual for Da-Lite Tensioned Cosmopolitan Series projection screens, covering installation, operation, safety, troubleshooting, and warranty information.

[DA-LITE Extensa Projection Screen Installation and Specifications](#)
Comprehensive instructions for installing the DA-LITE Extensa projection screen, including wall and ceiling mounting procedures, hardware details, and viewing area specifications. Learn how to properly mount and secure your projection screen.

[DA-LITE Extensa Projection Screen Installation Guide](#)
Detailed installation instructions for the DA-LITE Extensa projection screen, covering wall and ceiling mounting procedures, included and optional hardware, and screen specifications.

Screen Controller
USER MANUAL

Da-Lite Screen Controller User Manual

User manual for the Da-Lite Screen Controller, detailing installation, configuration, RS-232, projector trigger, dry contact wiring, and setup via Vaddio Deployment Tool or manual access.