

PERLESMITH PSMS1

PERLESMITH 100 Inch Manual Pull Down Projector Screen User Manual

Model: PSMS1

1. INTRODUCTION

This manual provides instructions for the installation, operation, and maintenance of your PERLESMITH 100 Inch Manual Pull Down Projector Screen (Model: PSMS1). Please read this manual thoroughly before installation and use to ensure proper function and longevity of the product.



Image 1.1: The PERLESMITH 100 Inch Manual Pull Down Projector Screen, displaying a vibrant beach sunset scene. This image illustrates the screen's visual quality and large display area.

2. SAFETY INFORMATION

Observe the following safety precautions to prevent injury or damage to the product:

- Ensure the mounting surface (wall or ceiling) can support the weight of the projector screen.
- Use appropriate tools and hardware for installation. If unsure, consult a qualified professional.
- Do not attempt to disassemble or modify the screen mechanism.
- Keep hands and fingers clear of the screen housing and retraction mechanism during operation.
- Avoid exposing the screen to direct sunlight or extreme temperatures for prolonged periods.
- Keep the screen away from sharp objects to prevent damage to the screen surface.

3. PACKAGE CONTENTS

Verify that all components are present before proceeding with installation:

- Projector Screen (1 unit)
- Mounting Hardware (e.g., screws, anchors, brackets)
- Instruction Manual (this document)

Note: Specific hardware may vary. Refer to the included hardware bag for exact contents.

4. SETUP AND INSTALLATION

The PERLESMITH PSMS1 projector screen offers flexible positioning and can be mounted to both walls and ceilings. Follow these steps for installation:

4.1 Choose Mounting Location

Select a flat, sturdy surface on a wall or ceiling that is free from obstructions and can support the screen's weight. Ensure the viewing area is appropriate for your projector setup.

4.2 Mark Drilling Points

Hold the screen housing against the desired mounting surface and mark the positions for the mounting brackets. Use a level to ensure the screen will be horizontally aligned.

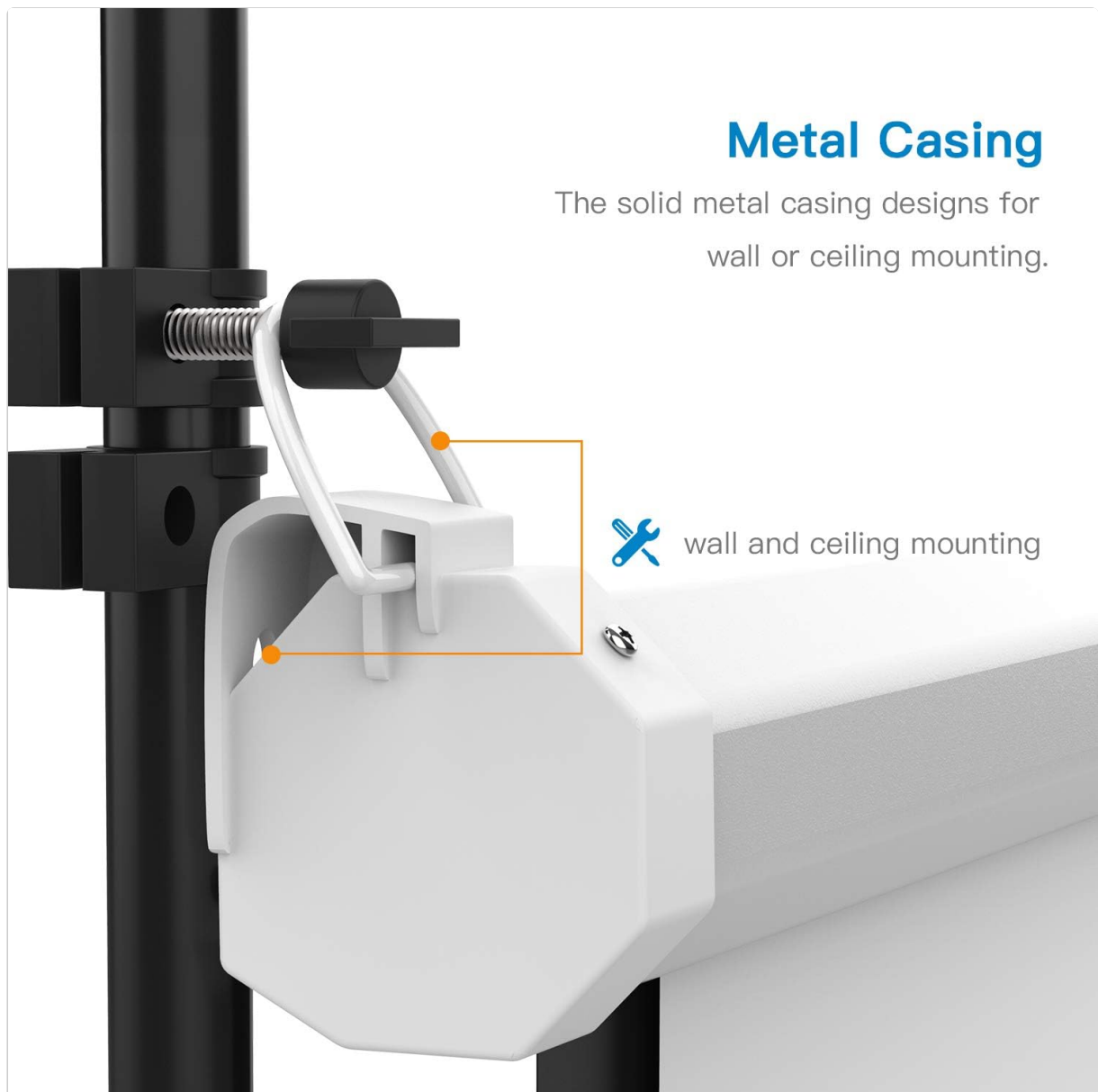


Image 4.1: Detail of the metal casing and mounting points, indicating suitability for both wall and ceiling installation. This shows the robust design for secure mounting.

4.3 Drill Holes and Install Anchors

Drill holes at the marked points. If mounting into drywall, insert appropriate wall anchors. For wood studs or concrete, drill pilot holes as necessary.

4.4 Secure Mounting Brackets

Attach the mounting brackets to the wall or ceiling using the provided screws. Ensure they are securely fastened.

4.5 Hang the Projector Screen

Carefully lift the projector screen and hook its housing onto the installed mounting brackets. Ensure the screen is seated firmly and safely.

Installation is typically completed within 5 minutes due to the straightforward design.

5. OPERATING INSTRUCTIONS

The PERLESMITH PSMS1 features a flexible auto-locking mechanism for easy deployment and retraction.

5.1 Deploying the Screen

1. Gently pull down the screen from the center of the bottom bar.
2. Continue pulling until the screen reaches the desired height.
3. Slightly release the screen, and the auto-locking mechanism will engage, holding the screen in place.

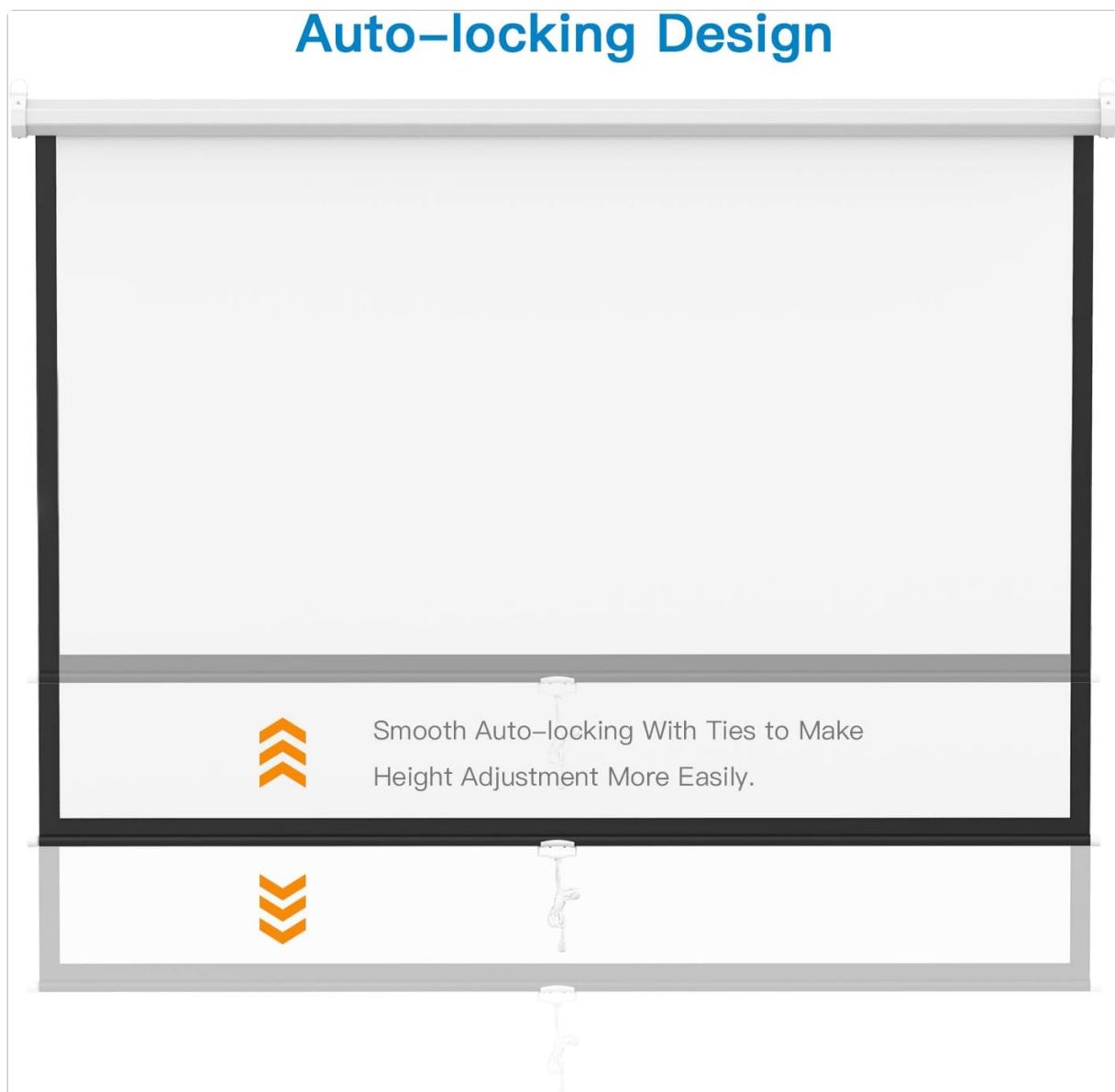


Image 5.1: Illustration of the auto-locking design, demonstrating how the screen can be smoothly adjusted to various heights and locked into position.

5.2 Retracting the Screen

1. Pull the screen down slightly further than its current locked position.
2. Release the screen slowly and carefully. The auto-locking mechanism will disengage, and the screen will retract smoothly into its housing.
3. Ensure the screen retracts fully and evenly to prevent damage.

The smooth retractable device uses polished rollers and high-quality lubricating oil to prevent jamming and ensure consistent operation.

6. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your projector screen.

6.1 Cleaning the Screen Surface

The premium PVC material of the screen is easy to clean:

- Use a soft, damp cloth with plain water to gently wipe the screen surface.
- Avoid abrasive cleaners, solvents, or harsh chemicals, as these can damage the screen material.
- Do not scrub the screen vigorously.
- Allow the screen to air dry completely before retracting it.

Black Backing Material

Heavy-duty Black Material Backing
Eliminates Light Penetration to
Maintain a Crisp and Bold
Picture.



Image 6.1: The heavy-duty black PVC backing material, designed to eliminate light penetration and enhance picture clarity. This material is also easy to clean.

6.2 General Care

- Regularly inspect the mounting hardware to ensure it remains secure.
- Keep the screen retracted when not in use to protect the surface from dust and damage.
- Avoid placing objects on top of the screen housing.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your projector screen.

7.1 Screen Does Not Lock at Desired Height

- **Cause:** The screen was not released correctly for the auto-locking mechanism to engage.
- **Solution:** Pull the screen down slightly, then release it gently and slowly. The mechanism requires a smooth release to engage properly.

7.2 Screen Does Not Retract Smoothly or Jams

- **Cause:** The screen might have been pulled unevenly, or there might be minor debris in the retraction mechanism.
- **Solution:** Pull the screen down fully, then release it slowly and evenly. Ensure there are no obstructions around the screen housing. If the issue persists, gently guide the screen during retraction. Avoid forcing the screen.

7.3 Wavy or Wrinkled Screen Surface

- **Cause:** This can occur if the screen has been stored improperly or exposed to extreme temperature changes.
- **Solution:** Allow the screen to hang fully extended for a period in a stable room temperature environment. Minor waves often flatten out over time with regular use. Ensure the screen is always retracted evenly.

8. SPECIFICATIONS

Feature	Detail
Model Number	PSMS1
Screen Size (Diagonal)	100 inches (254 cm)
Aspect Ratio	16:9
Viewing Angle	150 degrees
Gain	1.2
Screen Material	Premium PVC with Black Backing
Mounting Type	Wall Mount, Ceiling Mount
Product Dimensions (L x W x H)	95.67 x 4.72 x 4.33 inches
Item Weight	17.27 pounds

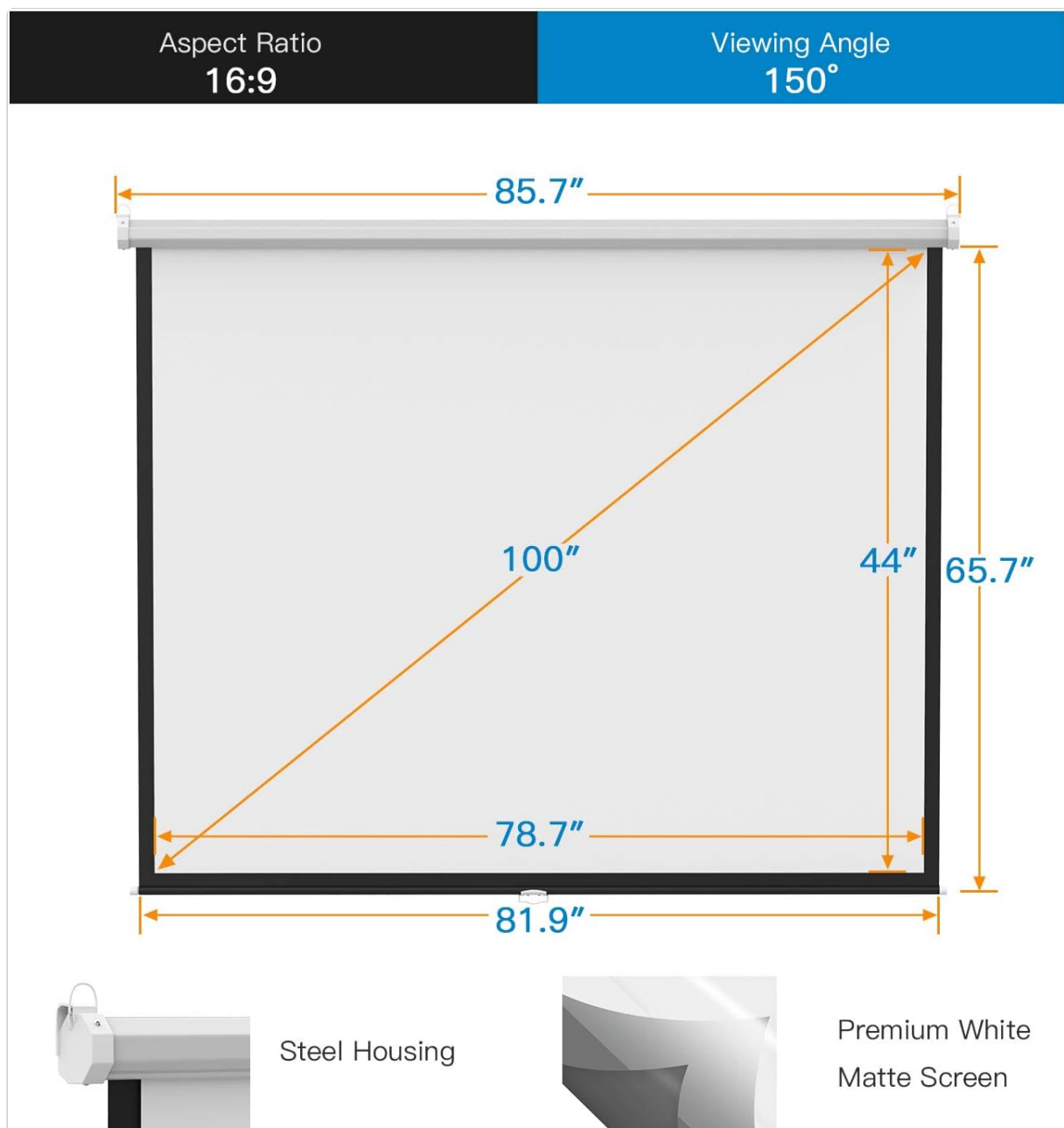


Image 8.1: Dimensional diagram of the 100-inch screen, illustrating the 16:9 aspect ratio and key measurements for installation planning.

9. WARRANTY AND SUPPORT

PERLESMITH products are manufactured with quality and reliability in mind. For specific warranty details, please refer to the warranty card included with your product or visit the official PERLESMITH website. If you encounter any issues or require technical assistance, please contact PERLESMITH customer support.


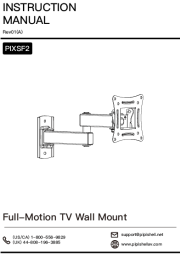

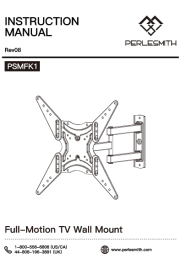

Contact Information:

Website: [PERLESMITH Official Store](#)

Email: Refer to product packaging or website for support email.

Phone: Refer to product packaging or website for support phone number.

Related Documents - PSMS1

	<p>PERLESMITH PSMS1 Manual Pull-Down Projector Screen Installation and Usage Guide</p> <p>Detailed guide for installing and using the PERLESMITH PSMS1 manual pull-down projector screen. Includes mounting instructions, usage methods, and maintenance tips for optimal performance.</p>
	<p>PIXSF2 Full-Motion TV Wall Mount Installation Manual</p> <p>This manual provides instructions for installing the PIXSF2 Full-Motion TV Wall Mount. It covers safety information, compatibility checks, and step-by-step assembly for various wall types, including wood studs and solid concrete.</p>
	<p>PERLESMITH PSMFK4 Full-Motion TV Wall Mount Installation Guide</p> <p>Comprehensive instruction manual for the PERLESMITH PSMFK4 Full-Motion TV Wall Mount, covering compatibility checks, parts identification, and step-by-step installation for various TV types and wall materials.</p>
	<p>PERLESMITH PSMFK13 Full Motion TV Wall Mount Instruction Manual</p> <p>Comprehensive instruction manual for the PERLESMITH PSMFK13 Full Motion TV Wall Mount. Includes safety guidelines, VESA compatibility checks, wall construction verification, parts list, detailed step-by-step assembly instructions for wood stud and concrete walls, and adjustment procedures.</p>
	<p>PERLESMITH PSMFK1 Full-Motion TV Wall Mount Installation Manual</p> <p>Comprehensive instruction manual for the PERLESMITH PSMFK1 full-motion TV wall mount. Learn how to safely install and adjust your TV mount for VESA compatibility, various wall types, and optimal viewing angles.</p>
	<p>PERLESMITH PSTM1 TV Tripod Stand Installation Guide</p> <p>Detailed installation instructions for the PERLESMITH PSTM1 TV Tripod Stand, a portable and height-adjustable floor stand for 23-55 inch LED, LCD, and OLED flat-screen TVs with VESA 400x400mm compatibility and an 88 lbs weight capacity.</p>