SKERELL skerell-80

SKERELL Holographic Rear Projection Screen Material (Model skerell-80) User Manual

Model: skerell-80 | Brand: SKERELL

1. Introduction

This manual provides detailed instructions for the setup, operation, and maintenance of your SKERELL Holographic Rear Projection Screen Material, model skerell-80. This screen is designed for displaying high-definition images with exceptional clarity and vibrant colors, suitable for various projection needs including indoor and outdoor use.

2. Safety Information

- Ensure the screen is securely mounted to prevent it from falling, which could cause injury or damage.
- Keep the screen away from open flames or excessive heat sources.
- Do not use abrasive cleaners or sharp objects on the screen surface.
- When installing outdoors, ensure the mounting method can withstand wind and other weather conditions.

3. Package Contents

Verify that all items listed below are present in your package:

- SKERELL Holographic Rear Projection Screen Material (44" x 75")
- Mounting Hooks (quantity may vary)



Image: The projection screen material folded in its packaging, along with a detailed view of a metal grommet and the fabric texture.



Image: Included mounting hardware, consisting of several adhesive hooks for easy installation.

4. Setup

4.1 Choosing a Location

Select a flat surface for mounting, such as a wall, fence, or stand. For rear projection, ensure there is sufficient space behind the screen for your projector. The screen is weather-resistant, making it suitable for both indoor and outdoor use. Consider ambient light conditions; darker environments generally yield better projection quality.

4.2 Mounting the Screen

1. Unfold the projection screen carefully.
2. Identify the grommets located along the edges of the screen.
3. Using the provided adhesive hooks or other suitable mounting hardware (e.g., ropes, clips), attach the screen to your chosen surface through the grommets. Ensure the screen is taut and free of wrinkles for optimal viewing.
4. Adjust the screen's position to achieve the desired height and angle.



Image: The projection screen mounted on a wall, illustrating its dimensions of 44 inches in width and 76 inches in height.

5. Operating Instructions

5.1 Projector Placement

Position your projector behind the screen for rear projection. Adjust the projector's distance and angle to fill the screen completely without distortion. The screen is compatible with a wide range of projectors.

5.2 Optimizing Image Quality

- **Focus:** Adjust your projector's focus until the image on the screen is sharp and clear.
- **Keystone Correction:** If the image appears trapezoidal, use your projector's keystone correction feature to square the image.
- **Ambient Light:** For best results, minimize ambient light in the viewing area.
- **Rear vs. Front Projection:** This screen is optimized for rear projection, offering a holographic effect. It can also be used for front projection, though the visual characteristics may differ.



Image: A family viewing a holographic skeleton projected onto the screen, demonstrating a typical rear projection setup.



Image: A visual comparison showing the screen used in both vertical and horizontal orientations for different projection effects.



Image: An example of the screen being used for window projections, creating a visual effect visible from outside a house.

6. Maintenance

6.1 Cleaning the Screen

To clean the screen, gently wipe it with a soft, damp cloth. Do not use harsh chemicals, abrasive cleaners, or stiff brushes, as these can damage the screen surface. Allow the screen to air dry completely before folding or storing.

6.2 Storage

When not in use, fold the screen neatly and store it in a cool, dry place away from direct sunlight and extreme temperatures. Avoid creasing the screen excessively to maintain its smooth projection surface.

7. Troubleshooting

Problem	Possible Cause	Solution
Image is blurry or out of focus.	Projector focus not adjusted.	Adjust the focus ring on your projector until the image is clear.
Image is distorted (e.g., trapezoidal).	Projector not perpendicular to the screen.	Use the projector's keystone correction feature or reposition the projector.
Screen appears wrinkled.	Improper mounting or storage.	Ensure the screen is pulled taut when mounted. Store by folding neatly. Minor wrinkles may smooth out over time when hung.
Poor image visibility.	High ambient light or low projector brightness.	Reduce ambient light in the viewing area. Ensure your projector has sufficient brightness for the environment.

8. Specifications

- **Model:** skerell-80
- **Brand:** SKERELL
- **Product Dimensions:** 44"W x 75"H
- **Material:** Polyester
- **Mounting Type:** Wall Mount (via grommets)
- **Item Weight:** 8.4 ounces

9. Warranty and Support

For warranty information or technical support, please contact SKERELL customer service directly. Refer to the product packaging or the retailer's website for contact details.

© 2024 SKERELL. All rights reserved.