

AWOL VISION MW-100

AWOL VISION 100-inch Projector Screen Fixed Frame User Manual

Model: MW-100 | Brand: AWOL VISION

1. INTRODUCTION

Thank you for choosing the AWOL VISION 100-inch Fixed Frame Projector Screen. This manual provides essential information for the safe and effective assembly, operation, and maintenance of your new projector screen. This screen is designed to enhance your viewing experience, offering superior image quality and compatibility with various projector types, including 4K/8K and Active 3D projection systems.



Figure 1.1: The AWOL VISION 100-inch Fixed Frame Projector Screen. This image displays the screen with a vibrant projection of a gorilla and a helicopter, highlighting its matte white surface and fixed frame design.

2. SAFETY PRECAUTIONS

Please read and understand all safety instructions before assembly and use. Failure to follow these instructions may result in injury or damage to the product.

- Always handle the screen material with clean hands to avoid smudges or damage.
- Ensure the installation surface is sturdy and capable of supporting the screen's weight.
- Use appropriate tools and follow all assembly steps carefully.
- Keep small parts and hardware out of reach of children.
- Do not attempt to modify the screen or its components.

3. PACKAGE CONTENTS

Verify that all components are present before beginning assembly. If any parts are missing or damaged, please contact AWOL VISION customer support.

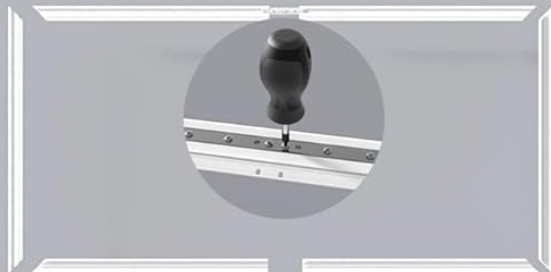
- Projector Screen Material (Matte White PVC)
- Fixed Frame Sections
- Tensioning Rods and Springs
- Wall Mount Brackets and Hardware (screws, anchors)
- Assembly Tools (e.g., screwdriver)
- Instruction Manual (this document)

4. ASSEMBLY & INSTALLATION

The assembly process requires careful attention to detail. It is recommended that two people assist with the assembly and installation to ensure proper alignment and safety. The entire process typically takes approximately 2 hours.

Installation Quick Guide

1 Assemble the inner frames



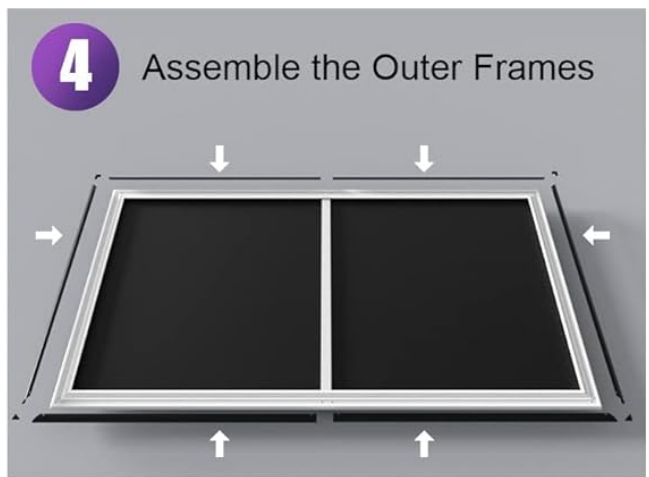
2 Assemble the screen



3 Fix the screen onto the frame



4 Assemble the Outer Frames



5 Install the wall bracket



6 Mount on the Wall



Figure 4.1: Installation Quick Guide. This visual guide illustrates the six primary steps for assembling the screen frame, attaching the screen material, and mounting the complete unit to a wall.

Assembly Steps:

1. **Assemble the Inner Frames:** Connect the inner frame sections according to the provided diagrams. Ensure all connections are secure.
2. **Assemble the Screen:** Carefully unroll the screen material. Lay it flat on a clean, soft surface.
3. **Fix the Screen onto the Frame:** Attach the screen material to the assembled inner frame using the tensioning rods and

springs. Start from the center and work outwards, ensuring even tension to prevent wrinkles. *Note: Some users have reported initial wrinkles in corners; careful tensioning is key.*

4. **Assemble the Outer Frames:** Once the screen material is taut on the inner frame, attach the outer frame sections to complete the screen assembly.
5. **Install the Wall Bracket:** Mark and drill holes for the wall mount brackets on your desired wall location. Ensure the brackets are level and securely fastened to wall studs or appropriate anchors. *Caution: Be careful when tightening screws to avoid stripping or snapping them.*
6. **Mount on the Wall:** With assistance, carefully lift the assembled screen and hook it onto the installed wall mount brackets. Ensure it is securely seated and level.

5. OPERATION

The AWOL VISION Fixed Frame Projector Screen is a passive display surface designed to optimize the projected image from your projector. It does not require power or active controls.

Cinema Viewing Experience in Light Controlled

Active 3D Projection Ready and 1.3dB Gain



80%

Image Quality
Improved

1.3dB

Peak Gain

Figure 5.1: Cinema Viewing Experience. This image demonstrates how the AWOL Vision Matte White screen significantly improves image quality and peak gain compared to projecting onto a plain white wall, especially in light-controlled environments.

Key Features:

- **Optimized for LTV-2500:** This screen is an ideal companion for the AWOL VISION LTV-2500 projector, improving picture

quality by approximately 80%.

- **High Tier PVC Matte White Material:** Constructed from high-quality PVC matte white material for optimal color reproduction and image clarity.
- **4K/8K and Active 3D Ready:** Fully compatible with 4K and 8K projectors, and supports Active 3D projection for immersive viewing.
- **170° Viewing Angle:** Provides a wide viewing angle, ensuring a clear and vivid picture from various positions in the room.
- **Black Baked Design:** The black backing enhances contrast and minimizes light reflection from behind the screen.
- **Universal Compatibility:** Works seamlessly with standard, short throw, and ultra-short throw projectors.

Others



Blurry Image

VS


AWOL
VISION



Bright Colors



Thin And Transparent

VS



2.5 Thicker
Can Not See Through



Folding Screen - Clear crease

VS



Fixed Frame - No Crease

Figure 5.2: Screen Material Comparison. This image highlights the advantages of the AWOL Vision screen, such as brighter colors, 2.5 times thicker material (preventing transparency), and a fixed frame design that eliminates creases compared to other projector screens.

A Truly Immersive Experience

0.4" ultra slim frame maximizes viewing area

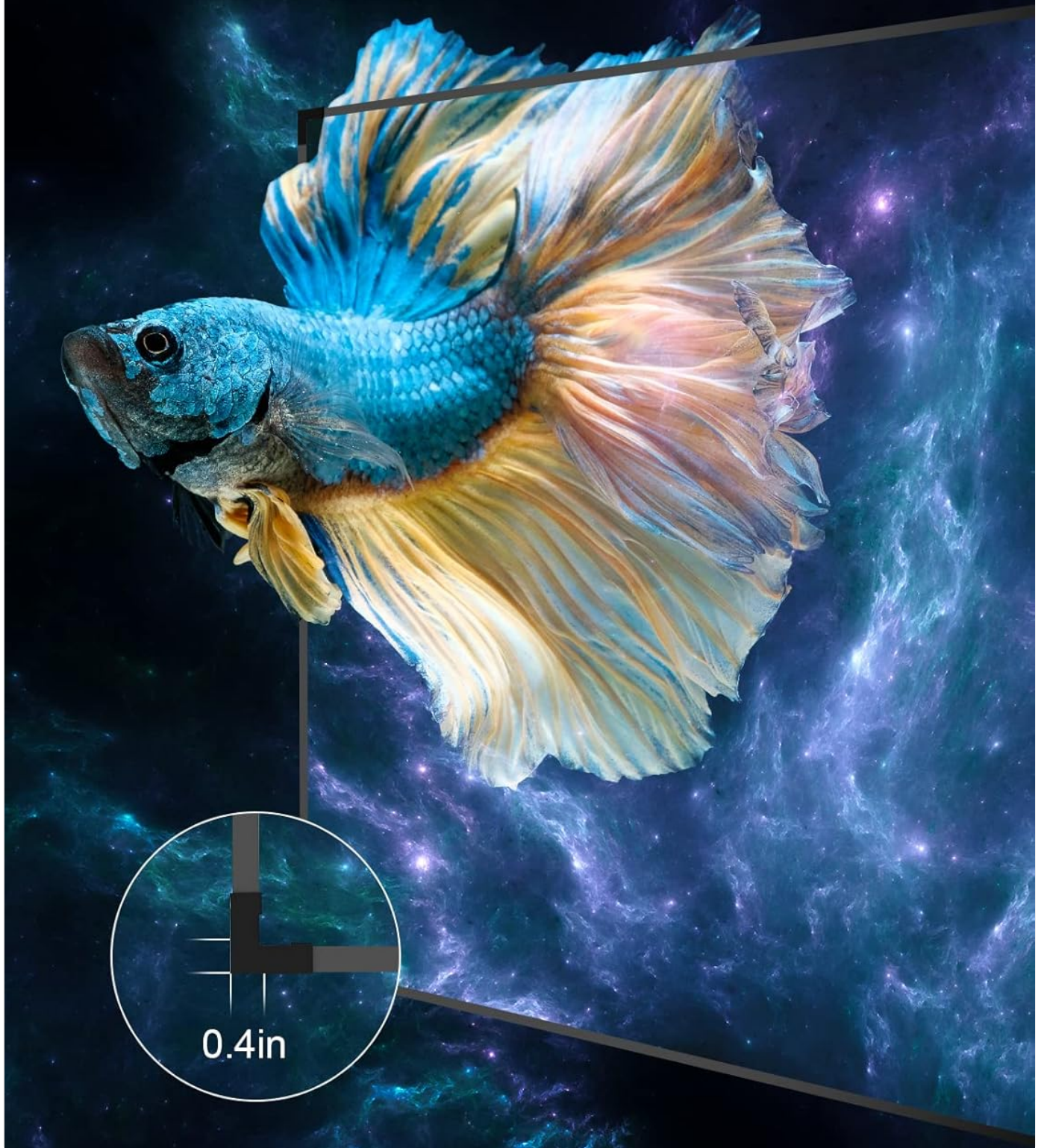


Figure 5.3: Ultra-Slim Frame. This image focuses on the minimal 0.4-inch bezel, which maximizes the viewing area and contributes to a more immersive experience.

6. CARE & MAINTENANCE

Proper care will ensure the longevity and optimal performance of your projector screen.

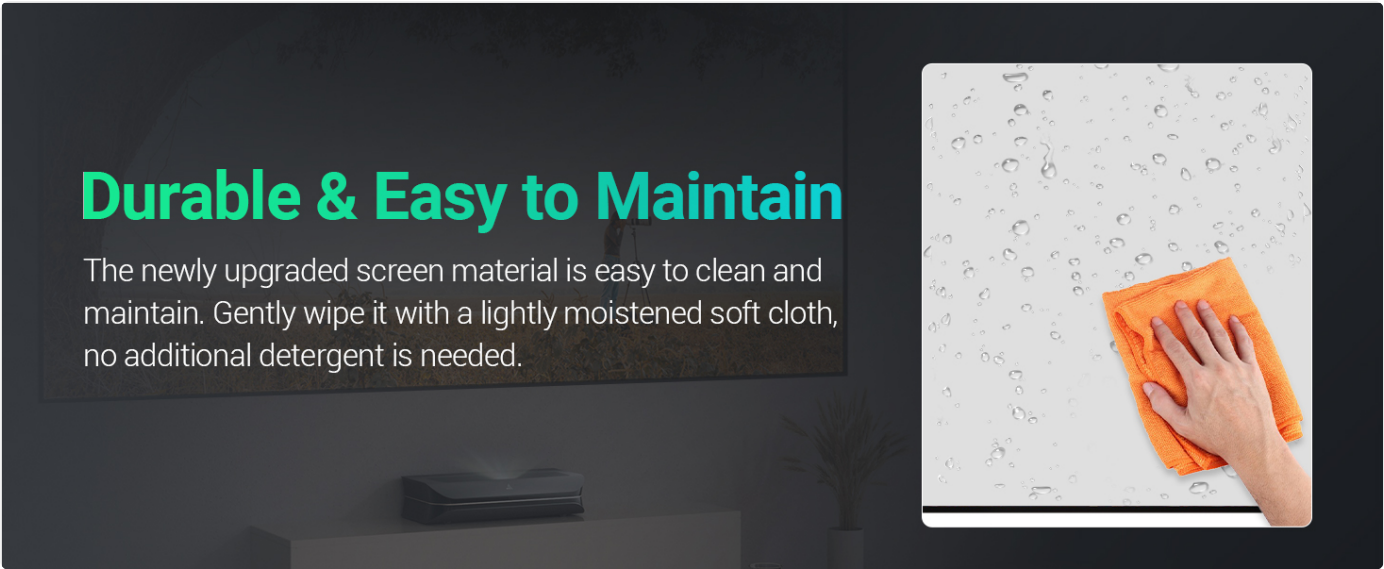


Figure 6.1: Easy to Clean. This image demonstrates the ease of cleaning the screen material with a soft, lightly moistened cloth.

- **Cleaning the Screen Surface:** The screen is designed for easy maintenance. Gently wipe the screen surface with a lightly moistened soft cloth. Mild soap and water can be used if necessary. Avoid harsh chemicals, abrasive cleaners, or excessive scrubbing, as these can damage the screen material.
- **Dusting:** Regularly dust the frame and screen surface with a dry, soft microfiber cloth to prevent dust buildup.
- **Storage:** If the screen needs to be disassembled and stored, ensure it is kept in a clean, dry environment, protected from direct sunlight and extreme temperatures.

7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Wrinkles or waves on screen surface	Uneven tension during assembly; screen not stretched properly.	Re-tension the screen material, ensuring even pull from all sides using the springs and rods. Start from the center and work outwards.
Difficulty assembling frame/snapped screws	Over-tightening screws; misaligned parts.	Follow assembly instructions precisely. Do not over-tighten screws. If a screw snaps, contact support for replacement hardware.
Poor image quality (blurry, dim)	Projector settings; screen not clean; ambient light.	Ensure projector is properly focused and calibrated. Clean the screen surface. Minimize ambient light in the viewing area for optimal performance.
Screen not level on wall	Wall mount brackets not level.	Use a level when installing wall mount brackets to ensure they are perfectly horizontal. Adjust as needed.

8. PRODUCT SPECIFICATIONS

Detailed specifications for the AWOL VISION MW-100 Projector Screen.

100inch

Viewing :	49.8" Height x 88" Width
Shipping Dimensions :	55.3*9.1*5.2 inch
Frame Bezel:	0.4 inches
Weight:	17.2 lbs / 7.8 kg
Package Weight:	25.41 lbs / 11.5 kg

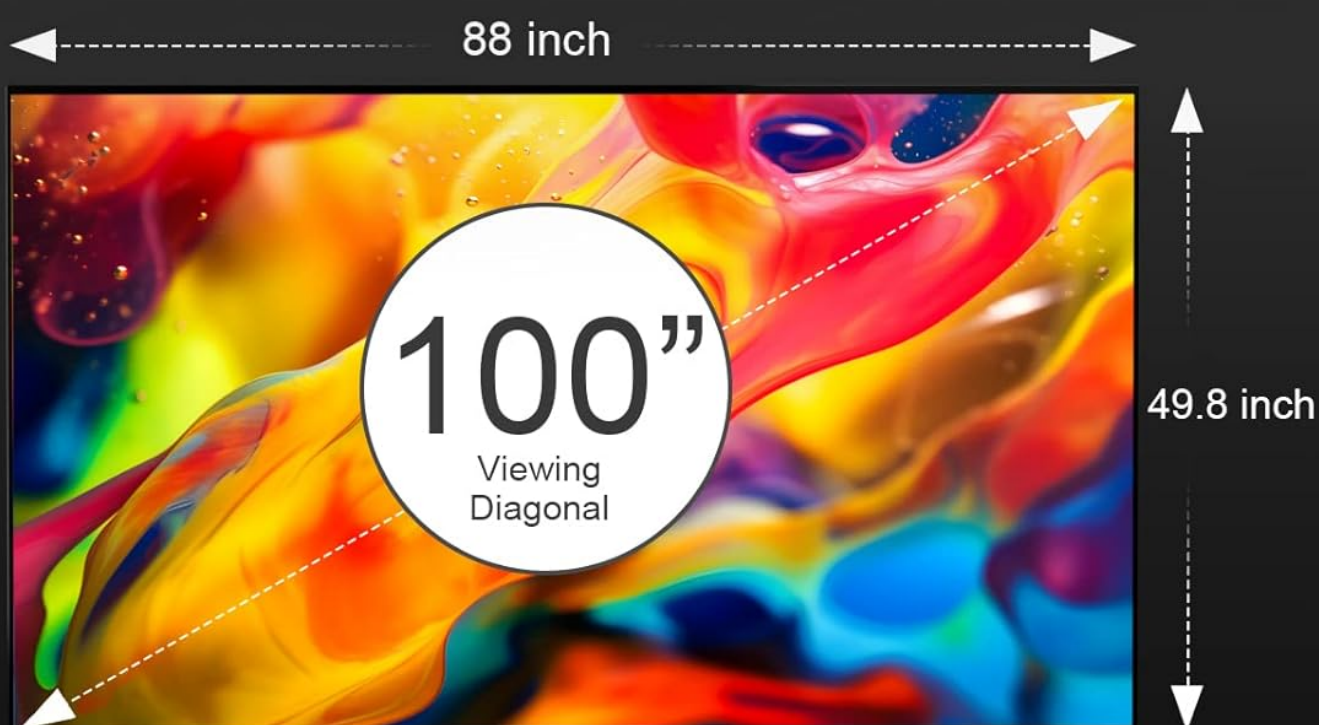


Figure 8.1: Screen Dimensions. This diagram provides the viewing height and width, diagonal measurement, and frame bezel thickness for the 100-inch screen.

Attribute	Detail
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Attribute	Detail
Model Number	MW-100
Display Dimensions	100 inches (diagonal)
Viewing Area (H x W)	49.8 inches x 88 inches
Frame Bezel	0.4 inches (ultra-slim)
Material	High Tier Polyvinyl Chloride (PVC) Matte White
Gain	1.3 dB Peak Gain
Viewing Angle	170°
Compatibility	4K / 8K Ultra HD, Active 3D, Standard, Short Throw, Ultra Short Throw Projectors
Mounting Type	Wall Mount
Item Weight	23.1 pounds (10.48 kg)
Package Weight	25.41 pounds (11.5 kg)
Product Dimensions (W x H)	55"W x 5.2"H (This seems to be package dimensions, not screen. Using viewing area for screen dimensions)

9. WARRANTY & SUPPORT

AWOL VISION is committed to providing excellent customer service and support for your product.

- **24-Month Support Promise:** Your product is covered by a 24-month support promise from the date of purchase.
- **30-Day Price Match:** AWOL VISION offers a 30-day price match guarantee.

Contact Information:


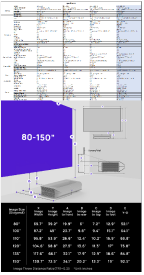


- **Phone:** +1 (888) 891-6866
- **Email:** support@awolvision.com

10. ADDITIONAL RESOURCES

For further details and a downloadable version of the user manual, please refer to the official PDF document:

- [Download User Manual \(PDF\)](#)

Related Documents

	<p>AWOL VISION 4K Tri-Chroma Laser Projector User Manual</p> <p>Comprehensive user manual for the AWOL VISION 4K Tri-Chroma Laser Projector (Models LTV-3500, LTV-3000, LTV-2500), covering safety instructions, product overview, setup, operation, features, specifications, maintenance, and troubleshooting.</p>
	<p>AWOL Vision LTV Series Triple Laser Projectors: Specifications and Dimensions</p> <p>Detailed specifications for AWOL Vision LTV-2500, LTV-3500, LTV-3000 Pro, and LTV-3500 Pro triple laser projectors, including display technology, brightness, resolution, connectivity, and projection dimensions.</p>
	<p>AWOL VISION 4K TriChroma Ultra Short Throw Laser: Safety and User Information</p> <p>Comprehensive safety instructions, operating precautions, and care guidelines for the AWOL VISION 4K TriChroma Ultra Short Throw Laser projector. Covers power supply, ventilation, cleaning, service, and laser safety.</p>
	<p>AWOL Vision Motorized Floor Rising UST Ambient Light Rejection Screen User Manual</p> <p>Comprehensive user manual for AWOL Vision Motorized Floor Rising UST Ambient Light Rejection Screens (ALR-F210C, ALR-F220C), covering installation, operation, safety, and maintenance instructions.</p>

Documents - AWOL VISION – MW-100

[pdf] User Manual Specifications



AWOL VISION MATTE WHITE FIXED FRAME SCREEN USER MANUAL V02 User Manual 100 inch Projector Screen Fixed Frame 1 3 dB Peak Gain The Perfect Combo with LTV 2500 80% Picture Quality Improved 4K 8K Ultra HD Active 3D Wall Mount MW Electronics C1TjV4krPDL m media amazon images I

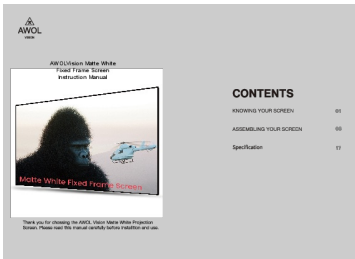
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AWOL Vision Matte white Fixed Frame Screen INSTRUCTION MANUAL

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Specification Model AWOL Vision Matte White ScrJJS8UJHNcation **MW-100** MW-120 Size Material Gain Resolution 100 inch Matte white 1.3 dB up to 8K 120 inch Matte ... lang:en score:30 filesize: 4.5 M page_count: 6 document date: 2023-12-26

[pdf] User Manual Specifications



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AWOLVision Matte White Fixed Frame Screen Instruction Manual Model AWOL

Vision Matte White Screen Specification **MW-100** MW-120 Size Material Gain Resolution 100 inch Matte white 1.3 dB up to 8K 120 inch Matte white 1.3 dB up to 8K Viewing Angle 170 170 Projection Ratio 16:9 16:9...

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