

AWOL VISION MW-180

AWOL VISION MW-180 180-inch Folding Outdoor Projector Screen Instruction Manual

INTRODUCTION

This manual provides instructions for the assembly, operation, and maintenance of your AWOL VISION MW-180 180-inch Folding Outdoor Projector Screen. Please read these instructions carefully before use to ensure proper setup and optimal performance.



Image: The AWOL VISION 180-inch folding projector screen with its stand and a black carry bag.

WHAT'S IN THE BOX

Verify that all components are present before beginning assembly:

- Projector Screen (1)
- Carrying Bag (1)
- Folding Leg (2)
- Folding Frame (1)
- Nylon Rope (2)
- Eye Bolt (2)
- Tent Stake (4)
- Knob Screw (Long) (4)
- Support Leg (2)
- Knob Screw (Short) (2) - Only for 180" and 200" models



Image: A visual representation of all parts included in the box, such as the screen, frame, legs, ropes, stakes, and screws.

SETUP INSTRUCTIONS

The AWOL VISION projector screen is designed for quick assembly, typically within three minutes, without requiring additional tools. Follow these steps for installation:

1. **Unfold and Lock Frame:** Take the frame from the bag. Unfold the longer sections first until the hinges click into place. Ensure all corners form 90-degree angles with straight support bars.
2. **Attach Screen and Stretch:** Unfold the screen material carefully to avoid stains. Fasten the snap buttons in strict order (A-B → C-D → Edges E-F → G-H).
3. **Secure Top and Base:** Screw eye bolts to the top frame for tie-ropes. Insert folding legs into the bottom holes and tighten the small knob screws. Two-person lift is recommended for this step. *(Skip support legs for 120-inch models.)*
4. **Anchor Legs:** For grass surfaces, hammer tent stakes through the leg holes to secure the ropes. For hard ground, use sandbags on the base (sandbags not included).

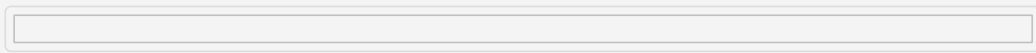


Image: A visual step-by-step guide demonstrating how to unfold the frame, attach the screen, secure the top and base, and anchor the legs.

OPERATING INSTRUCTIONS

Viewing Experience

The screen features a 1.3dB optical gain coating and a 170-degree ultra-wide viewing angle. This design ensures clear images and consistent brightness across a broad viewing area, making it suitable for multiple viewers.

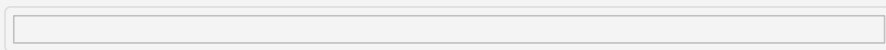


Image: A graphic showing a wide viewing angle from a projector to the screen, indicating that viewers can see clearly from various positions.

Projector Compatibility

This screen is universally compatible with standard, short-throw, and ultra-short-throw projectors, allowing flexibility in your projection setup.

What in the box?

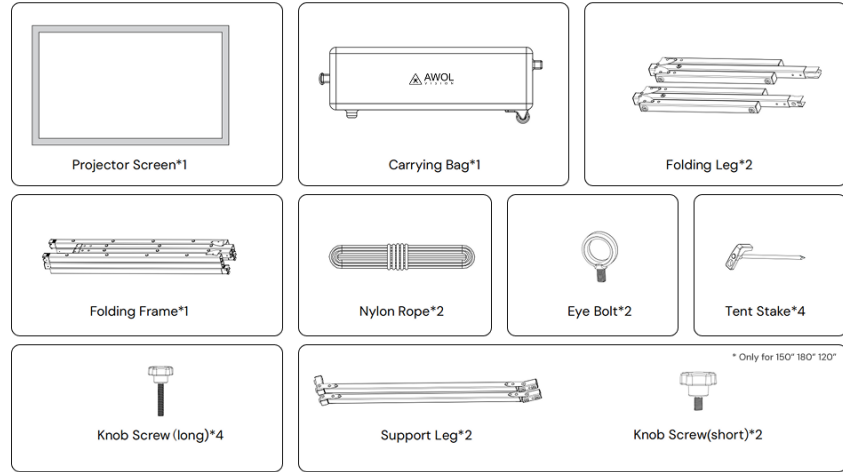


Image: An illustration demonstrating how the screen can be used with different types of projectors: long throw, short throw, and ultra-short throw.

Usage Environments

The screen's design and durable materials make it suitable for both indoor and outdoor use, including home theaters, backyard movie nights, and presentations.

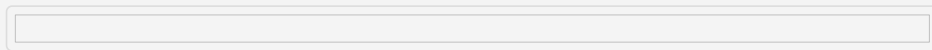


Image: A collage showing the projector screen in use for outdoor movie nights, by a pool, in a backyard, and for an indoor presentation.

MAINTENANCE

Cleaning the Screen

The projector screen can be cleaned with mild soap and water. This helps maintain the screen's surface for long-lasting enjoyment.

Storage

After use, disassemble the screen and store it in the provided rolling carry bag. The compact folding size (approximately 47.64 x 11.81 x 7.48 inches) allows for easy transport and storage, even in a compact car trunk.

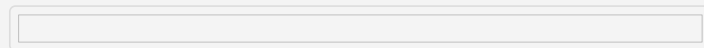


Image: Three individuals in an outdoor setting, with one person carrying the projector screen in its compact rolling carry bag, demonstrating its portability.

TROUBLESHOOTING

Screen Wrinkles

Due to the screen's foldable design for economical shipping and portability, slight creases may be present upon initial unpacking. These creases typically minimize once the screen is stretched taut on the frame. Ensure the screen is properly stretched and fastened to the frame's snap buttons to achieve a smooth viewing surface.

Stability in Wind

The frame is constructed from grade zinc alloy and wind-resistant aluminum for durability. However, in windy conditions, it is recommended to use the provided nylon ropes and tent stakes to anchor the screen securely. For hard surfaces, sandbags (not included) can be placed on the base for added stability.

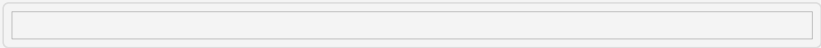


Image: Detailed views of the screen's construction, highlighting foldable zinc-alloy joints, snap-on installation, waterproof and mildew-proof PVC material, and wind-resistant aluminum base.

SPECIFICATIONS

Feature	Detail
Model	MW-180
Size	180 inch
Material	Matte white
On-axis Peak Gain	1.3dB
Resolution	up to 8K
Viewing Angle	170°
Frame Material	Aluminum Alloy
Projection Ratio	16:9
Compatible Projectors	Long Throw, Short Throw, Ultra Short Throw
Screen Dimensions (W x H)	4136 x 3190 mm (162.8 x 125.6 inch)
Screen Weight	39.0 lbs / 17.7 kg
Package Dimensions (L x W x H)	1330 x 320 x 245 mm (52.4 x 12.6 x 9.65 inch)
Package Weight	50.3 lbs / 22.8 kg

Awol Vision Outdoor Portable Fold Matte White Screen Specification

Model	MW-PF120	MW-PF150	MW-PF180	MW-PF200
Size	120 inch	150 inch	180 inch	200 inch
Material	Matte white	Matte white	Matte white	Matte white
On-axis Peak Gain	1.3dB	1.3dB	1.3dB	1.3dB
Resolution	up to 8K	up to 8K	up to 8K	up to 8K
Viewing Angle	170°	170°	170°	170°
Frame	Aluminum Alloy	Aluminum Alloy	Aluminum Alloy	Aluminum Alloy
Projection Ratio	16:9	16:9	16:9	16:9
Matched Projector	Long Throw Projector Short Throw Projector Ultra Short Throw Projector	Long Throw Projector Short Throw Projector Ultra Short Throw Projector	Long Throw Projector Short Throw Projector Ultra Short Throw Projector	Long Throw Projector Short Throw Projector Ultra Short Throw Projector
Screen Dimensions	2807*2242*943 mm 110.5*88.3*37.1 inch	3473*2816*1243 mm 136.7*110.9*48.9 inch	4136*3190*1243 mm 162.8*125.6*48.9 inch	4578*3441*1243 mm 180.2*135.5*48.9 inch
Screen Weight	20.9 lbs / 9.5 kg	33.7 lbs / 15.3 kg	39.0 lbs/17.7 kg	43.2 lbs /19.6 kg
Package Dimensions	1100*280*215 mm 43.3*11.4*8.46 inch	1330*300*215 mm 52.4*11.8*8.46 inch	1330*320*245 mm 52.4*12.6*9.65 inch	1330*350*245 mm 52.4*13.78*9.65 inch
Package Weight	28.7 lbs / 13 kg	44.1 lbs / 20 kg	50.3 lbs / 22.8 kg	54.2 lbs / 24.6 kg

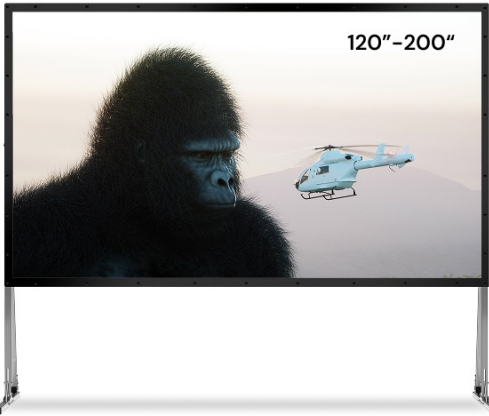


Image: A table detailing the specifications for various AWOL VISION portable screens, including model number, size, material, gain, resolution, viewing angle, frame material, projection ratio, and dimensions.

WARRANTY AND SUPPORT

Warranty Information

AWOL VISION offers 2 years of product support for this projector screen. Additionally, a 30-day price protection policy may apply.

Customer Support




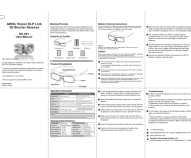


For any questions, technical assistance, or support, please contact AWOL VISION customer service:

Phone / WhatsApp: +1 (888) 891-6866

Email: support@awolvision.com

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Related Documents - MW-180

	<p>AWOL Vision Motorized Floor Rising UST Ambient Light Rejection Screen User Manual</p> <p>Comprehensive user manual for the AWOL Vision Motorized Floor Rising UST Ambient Light Rejection Screen (ALR-F210C, ALR-F220C), covering installation, operation, safety, and specifications.</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>
	<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 DLP Link 3D Shutter Glasses DG-001 User Manual</p> <p>User manual for AWOL Vision DLP Link 3D Shutter Glasses (Model DG-001), detailing its working principle, contents, battery charging, operation, standard specifications, and troubleshooting guide.</p>
	<p>AWOL VISION LTV-3500/LTV-2500 4K Tri-Chroma Laser Projector Menu Items Guide</p> <p>Comprehensive guide to the menu items and settings for the AWOL VISION LTV-3500 and LTV-2500 4K Tri-Chroma Laser Projectors, covering image, light, sound, network, Bluetooth, general settings, and device information.</p>
	<p>AWOL Vision LTV Series Laser TV Projectors - Technical Specifications</p> <p>Technical details and contact information for AWOL Vision LTV-2500, LTV-3000, and LTV-3500 laser TV projectors.</p>

