TRIPOD PRO SERIES

Section 1: Screen Design

1.1 What is it for?

The Tripod Pro features a new casing with the velour surfacing that adds a touch of elegance for more upscale small or large venue presentations. Its black tube casing will protect the screen material and is coated in a velveteen material that absorbs glare from projectors. It is available in a (1:1) aspect ratio with viewing sizes that range from 85” to 99”, 113” and 119” diagonal measurements.

1.2 How does it work?

The screen material is Elite’s MaxWhite® 1.1 gain matte white front projection material with black masking borders. They vary in weight from 15 lbs to 35 lbs making the tripod a highly portable and versatile product. Lastly, each tripod has a keystone eliminator to accommodate angle distortion or “keystone effect” during forum presentations.

Section 2: Product Features

2.1 Characteristics

Screen Material

- MaxWhite® 1.1 Gain screen material
- 180 degree wide viewing angle for multi-purpose applications
- Active 3D, 4K Ultra HD, and HDR ready
- Not compatible with Ultra/Short-throw Projectors
- Durable for every day applications and easy to clean
- Complimentary 4-side black masking borders
- Available in the following diagonal sizes:
  - 85”, 99”, 113” and 119” in 1:1 format

Design and Operation

- Ideal for ProAV / Rental & Staging applications
- Standard built-in keystone eliminator
- Heavy-duty case with velvet velour withstands daily usage
- Auto-locking mechanism controls height adjustment
- Built-in carrying handle for easy transportation
- Rugged construction withstands the rigors of daily usage
- Simple screen adjustment for various height settings
- Standard carrying bag is included for extra protection
Quality and Reliability

- GREENGUARD® and GREENGUARD® Gold Certified
- 2-year Parts & Labor manufacturer’s warranty
- 3-year warranty offered through ENR-G program (Education, Non-Profit, Religious and Government)

2.2 Certifications

![Certifications Image]

2.3 Model Numbers

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Diag. Size</th>
<th>Aspect Ratio</th>
<th>Viewing Height (in)</th>
<th>Viewing Width (in)</th>
<th>Screen Material</th>
<th>Gain</th>
<th>Case Color</th>
<th>N.W. (lbs)</th>
<th>G.W. (lbs)</th>
<th>Packaging Dimensions (LxWxH)</th>
</tr>
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<tbody>
<tr>
<td>T85UWS1-Pro</td>
<td>85&quot;</td>
<td>1:1</td>
<td>60.1</td>
<td>60.1</td>
<td>MaxWhite®</td>
<td>1.1</td>
<td>Black</td>
<td>14.55</td>
<td>17.42</td>
<td>70&quot;x4.7&quot;x7&quot;</td>
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<td>70.0</td>
<td>70.0</td>
<td>MaxWhite®</td>
<td>1.1</td>
<td>Black</td>
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<td>19.84</td>
<td>80&quot;x4.7&quot;x7&quot;</td>
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<tr>
<td>T113UWS1-Pro</td>
<td>113&quot;</td>
<td>1:1</td>
<td>79.9</td>
<td>79.9</td>
<td>MaxWhite®</td>
<td>1.1</td>
<td>Black</td>
<td>20.06</td>
<td>23.8</td>
<td>90&quot;x4.7&quot;x7&quot;</td>
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<tr>
<td>T119UWS1-Pro</td>
<td>119&quot;</td>
<td>1:1</td>
<td>84.1</td>
<td>84.1</td>
<td>MaxWhite®</td>
<td>1.1</td>
<td>Black</td>
<td>21.38</td>
<td>24.91</td>
<td>94&quot;x4.7&quot;x7&quot;</td>
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</table>

Section 3: Screen Material Specifications

3.1 Characteristics

*MaxWhite®* screen material is the most versatile screen surface for front projection presentations. This material provides the widest possible viewer angles with perfect diffusion uniformity while giving precise definition, image color reproduction and black & white contrast. Screen surface has black-backing to avoid light penetration and can be cleaned safely with mild soap and water. Woven screen material is a multi-layer, cross-array coated with a matte white reflective compound.
Features & Benefits

- Multi-layer weave and textured surface coating
- Gain: 1.1
- View Angle: 180° (90° ± LR)
- Not compatible with Ultra/Short-throw Projectors
- Mildew Resistant
- Black backing
- Active 3D and 4K Ultra HD ready
- Surface can be easily cleaned with mild soap and water
- GREENGUARD® and GREENGUARD® Gold Certified | UL 2818

### Specifications

<table>
<thead>
<tr>
<th>Feature</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thickness</td>
<td>0.36 mm</td>
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<tr>
<td>Weight</td>
<td>350 g/m²</td>
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<tr>
<td>Maximum Height</td>
<td>3.2 M (10 ft)</td>
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<tr>
<td>On-axis Gain</td>
<td>1.0</td>
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<tr>
<td>Half-Gain Angle</td>
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</tr>
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</table>

3.2 Gain and Viewing Angle Chart

On axis 0° Gain: 1.1
Viewing Cone: 180°
Section 4: Execution

4.1 Part Identification

4.2 Using the Screen

A. Setting up the screen:

Follow the steps below and Fig. 1 & 2.

1. Place the screen in an upright position (fig.1) with the legs toward the ground.
2. Deploy the Tripod Support legs by pushing down on the Tripod Junction.
3. Turn the tripod’s screen casing in a 90-degree horizontal position so that the screen casing is now parallel to the ground with the screen handle facing the bottom of the top hook.
4. Completely extend the legs as much as possible so they are stable and position them away from objects that may interfere with their balance. **DO NOT** stand the tripod on an unstable platform to avoid an injury should the tripod screen collapse.
B. Preparing the tripod screen for projection: Follow the steps below and Fig. 3.

1. Pull the screen handle up vertically and hook the screen handle on the Top Hook.
   *Note: Use the Keystone Eliminator to prevent “Keystone Effect” from occurring. Keystone Effect is caused when a projector presents its image at a downward angle causing a trapezoid-shaped image to appear on the screen. The Keystone Eliminator is designed to eliminate that effect by sloping the screen forward.

2. Twist the Vertical Locking Sleeve Ring counter-clockwise to unlock the current position of the Vertical Extension Bar and raise it as necessary to the desired height.

3. Pull the Screen Height Adjustment Lock/Release tab out (to the left) located just above the Carrying Handle to raise or lower the bottom of the screen. Once the desired height has been set, push the tab in to lock the position in place.

C. Disassembling the screen: Follow the steps below and Fig. 4.

1. Unlock the Adjustment Handle by pulling the locking tab to the left or twist Locking Knob counter-clockwise (136” models only) to unlock and slowly slide the handle all the way down to bring down the position of the screen’s case.

2. Hold the Extension Bar and twist the Vertical Locking Sleeve Ring to unlock and release the position of the extension bar. Once the extension bar has been brought all the way down, unhook the screen material from the Top Hook and slowly retract the screen back into the case.
   *Note: It is very important to remember to hold the extension bar first and then unlock the sleeve to prevent the extension bar from slamming and causing injury or damaging the screen.

3. Turn the screen’s case vertically clockwise and insert the Top Hook’s bottom pin to lock into the screen’s end cap hole.

4. Close the tripod legs by pushing them in. Lastly, tighten the Vertical Locking Sleeve Ring by twisting it clockwise.

**Note:** To ensure the screen is stable, extend the tripod’s legs as much as possible. Do not fold the screen or allow any sharp objects to touch the screen’s surface. Clean the screen surface often when needed. Careful use will extend the lifetime of this product.
Section 5: Product Specifications

5.1 Dimensions

| Model Number     | A   | A1  | A2  | A3  | A4  | B   | B1  | B2  | B3  | B4  | B5  | B6  | C   | C1  | C2  | D   | D1  | D2  | G   | G1  | G2  |
|------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| T85UWS1-Pro      | 60.1| 66.8| 66.4| 1.5 | 63.1| 60.1| 105.7| 86.5| 2.8 | 2.8 | 1.4 | 1.1 | 24.8| 36.1| 16.9| 4.1 | 67.8| 5.9 | 43.3| 69.6| 64.3|
| T99UWS1-Pro      | 70.0| 77.0| 76.6| 1.5 | 73.0| 70.0| 113.6| 98.4| 2.8 | 4.8 | 1.4 | 1.1 | 24.8| 32.1| 16.9| 4.1 | 78.0| 5.9 | 43.3| 81.5| 76.2|
| T113UWS1-Pro     | 79.9| 86.8| 86.4| 1.5 | 82.9| 79.9| 125.4| 106.3| 2.8 | 2.8 | 1.4 | 1.1 | 24.8| 36.0| 16.9| 4.1 | 87.8| 5.9 | 43.3| 89.4| 84.1|
| T119UWS1-Pro     | 84.1| 90.7| 90.4| 1.5 | 87.1| 84.1| 125.4| 110.5| 2.8 | 2.8 | 1.4 | 1.1 | 24.8| 31.8| 16.9| 4.1 | 91.8| 5.9 | 43.3| 93.6| 88.3|

Unit: Inches

| Model Number     | 1527| 1696| 1686| 38  | 1603| 1527| 2685| 2197| 70  | 70  | 35  | 27  | 630 | 918 | 430 | 105 | 1722| 150 | 1100| 1767| 1632|
|------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| T99UWS1-Pro      | 1778| 1955| 1945| 38  | 1854| 1778| 2885| 2500| 70  | 122 | 35  | 27  | 630 | 815 | 430 | 105 | 1981| 150 | 1100| 2070| 1935|
| T113UWS1-Pro     | 2030| 2204| 2194| 38  | 2106| 2030| 3185| 2700| 70  | 70  | 35  | 27  | 630 | 915 | 430 | 105 | 2230| 150 | 1100| 2270| 2135|
| T119UWS1-Pro     | 2137| 2305| 2295| 38  | 2213| 2137| 3185| 2807| 70  | 70  | 35  | 27  | 630 | 808 | 430 | 105 | 2331| 150 | 1100| 2377| 2242|

Unit: mm

5.2 Drawings
5.3 Pictures

*Tripod Pro Series* Sizes

- 119”
- 113”
- 99”
- 85”

*Tripod Pro Series* Front & Back View
Handle and Locking Sleeve Detail

Top Hook and Keystone Eliminator Detail
Casing Detail

*Tripod Pro Series* Closed case

Height Variants
Carrying Bag

Life Style
Section 6: About Elite Screens

6.1 Company Description

*Elite Screens Inc.* is a California based company that specializes in making quality commercial and home-theater projection screens for the retail and custom install sales channels. Our company began as an innovative venture into the projection market by manufacturing veterans from the AV/IT industry. Elite Screens quickly established itself as an entry level commercial and home theater screen manufacturer. This was accomplished by making a quality product cost effective with a focus on mass-producing screen material, sizes and aspect ratios that were most commonly preferred by AV customers in general. We focused on uniformity with what would match the mainstream demographic while including extra features that are not usually included by other manufacturers. In time, we progressed from just retail sales into the realm of custom installer/integrator manufacture as our numerous reviews and awards will attest. We stand behind our product and are so certain of customer satisfaction with the quality of our product that we offer a 2-year manufacturer's warranty which is twice the industry standard. In our continued devotion to excellence in products and service, we are committed to implementing green practices with our production. We have adopted manufacturing methods that promote conservative regulation of our energy needs. Our simple product designs combined with the expertise of our permanent staff ensures that our entire line of products are made by experienced hands devoted to the high standards of today’s audio-video consumer.

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