



Tripod Stage Series

Section 1: Screen Design

1.1 What is it?

The ***Tripod Stage Series*** takes the traditional tripod design and enhances it to create a top-notch portable “big screen” presentation that is ideal for small or large venues. The addition of revised features and a professional drape kit refines a traditional concept into a bigger and better solution for modern day hotels, conference rooms or any other large venue presentations.

1.2 How does it work?

Its dependable design makes it easy to setup/take down in seconds, adjustable telescopic support allows variable height settings as well as variable aspect ratios. The **MaxWhite®** front projection material has a 1.1 unity gain with a wide viewing angle. It is also GREENGUARD® (UL 2818) Certified for indoor air quality.

Section 2: Product Features

2.1 Characteristics

Screen Material

- MaxWhite® 1.1 gain
- Wide diffusion uniformity (viewing angle)
- 4K Ultra HD, Active 3D, and HDR Ready
- Not compatible with Ultra/Short-throw Projectors
- Standard black masking borders and material backing
- Available in the following diagonal sizes:
 - 153" and 170" in 1:1 format
 - 180" and 200" in 16:9 format

Design and Installation

- Double latch locking system secures telescoping vertical support
- Variable aspect ratio settings
- Black drape kit (skirt) included for enhanced aesthetics
- Canvas bag included for added protection during transit
- 3-position keystone adjuster
- Integrated handle allows screen to be easily carried
- Heavy-duty case withstands rough handling while in transit

Quality and Reliability

- GREENGUARD® and GREENGUARD® Gold Certified (UL 2818) for safe indoor emissions
- 5-year manufacturer's warranty

2.2 Certifications



2.3 Model Numbers

| Model Number | Nominal Diagonal | Aspect Ratio | Viewing Height (in) | Viewing Width (in) | Screen Material | Gain | Case Color | N.W. (lbs) | G.W. (lbs) | Packaging Dimensions (LxWxH) |
|--------------|------------------|--------------|---------------------|--------------------|-----------------|------|------------|------------|------------|------------------------------|
| T153UWS1-D | 153" | 1:1 | 108.2 | 108.2 | MaxWhite® | 1.1 | Black | 46.7 | 54.9 | 119.1"x6.3"x9.1" |
| T170UWS1-D | 170" | 1:1 | 120.2 | 120.2 | MaxWhite® | 1.1 | Black | 51.5 | 59.9 | 131.1"x6.3"x9.1" |

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

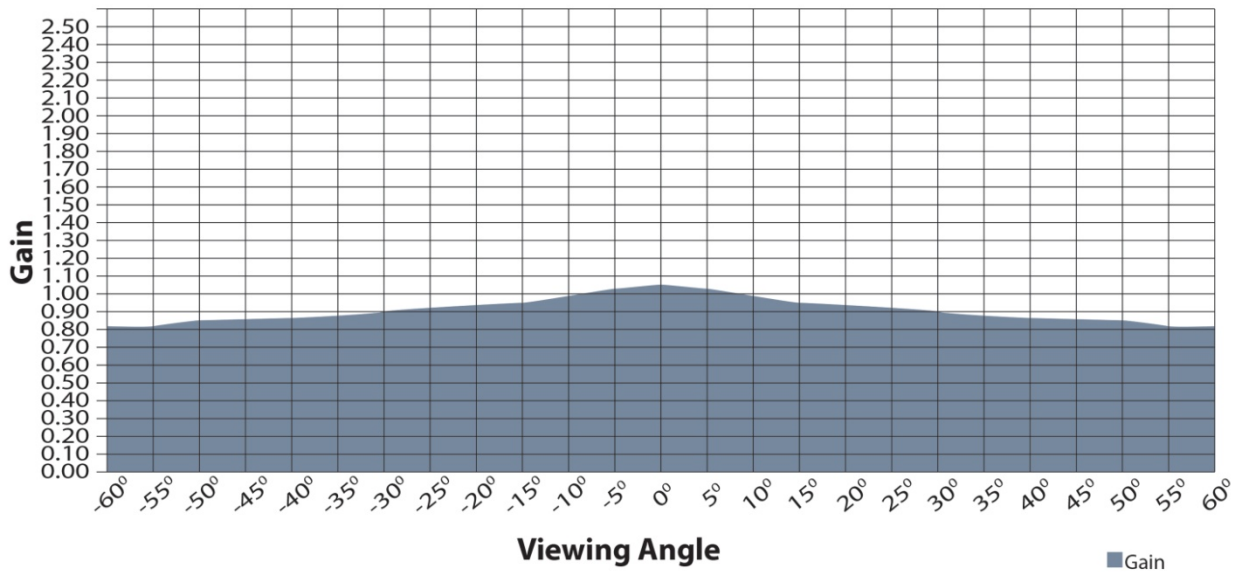
- Multi-layer weave and textured surface coating
- Gain: 1.1
- View Angle: 180° (90° ± LR)
- Not compatible with Ultra/Short-throw Projectors
- Mildew Resistant
- Black backing
- Active 3D, 4K Ultra HD, and HDR ready
- Surface can be easily cleaned with mild soap and water
- GREENGUARD® and GREENGUARD®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

| Specifications | |
|-----------------|--------------------------|
| Thickness | 0.41 mm (0.016") |
| Weight | 530 g/m ² |
| Maximum Height | 3.2 M (10 ft) |
| On-axis Gain | 1.1 |
| Half-Gain Angle | Does not reach half gain |

3.2 Gain and Viewing Angle



On axis 0° Gain: 1.1
Viewing Cone: 180°



Section 4: Execution



4.1 Care & Use Instructions

◆ Dust, dirt and scratches on the projection surface will affect the picture quality, please take note of the points below to prevent that from occurring:

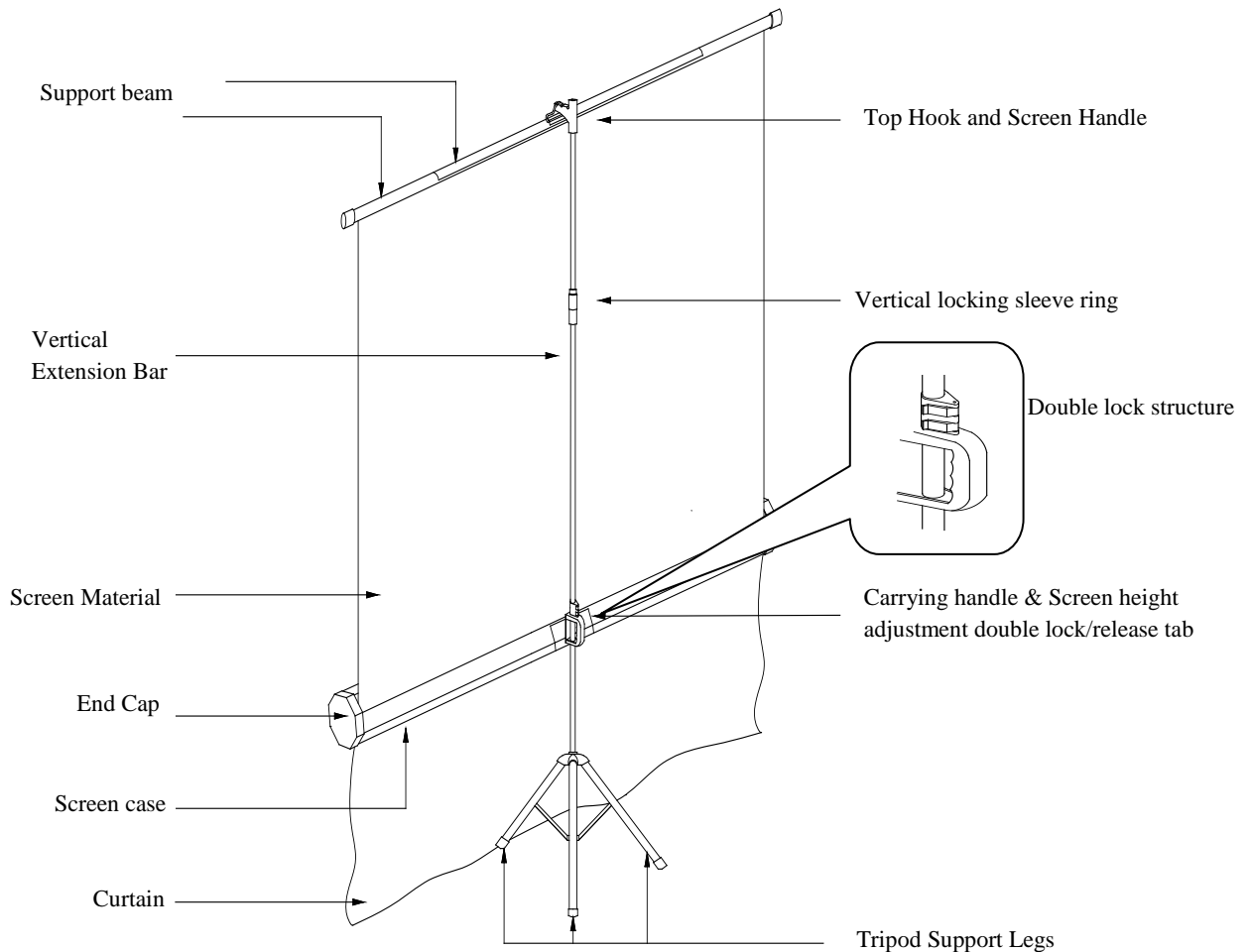
1. Do not touch the projection surface with your hands
2. Do not write or draw on the projection surface
3. Do not use fingers or sharp objects to point on the projection surface; this will damage the screen material.

- 4. Use a soft-damp cloth to clean the projection surface; do not use chemical cleaning agents or alcohol.
- 5. Use clean water when dampening the cleaning cloth and do not rub against the material to clean it.
- ◆ After using the screen, disassemble it and store it in the carrying bag provided.
- ◆ To avoid damage and injury, the screen should only be operated by adults.

4.2 Accessories List

| Accessories List | |
|---|---|
| A. Curtain  | B. Carrying Bag  |

4.3 Parts Diagram

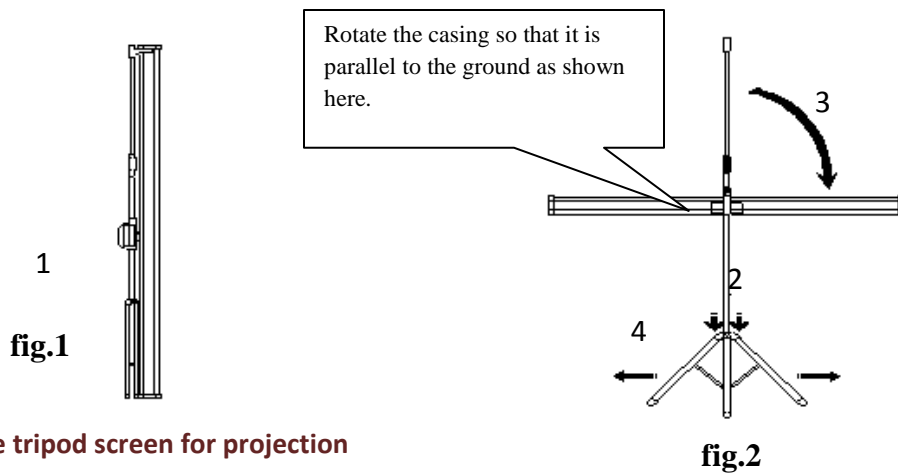


4.4 Screen set-up

Follow the steps below and refer to **Fig. 1 & 2.**

1. Place the screen in an upright position (fig.1) with the legs toward the ground.
2. Spread the Tripod Support legs by pushing down on the legs' junction as shown in fig.2.
3. Rotate the tripod's casing in a 90-degree horizontal position so that the screen's casing is now parallel to the ground and the screen's handle is positioned at the top of the casing.
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 uneven platform to avoid injury should the tripod screen collapse.

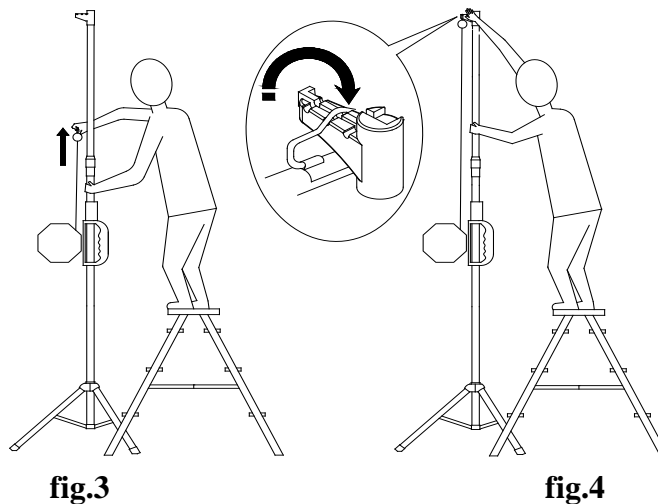


4.5 Preparing the tripod screen for projection

Follow the steps below and refer to Fig. 3 & 4

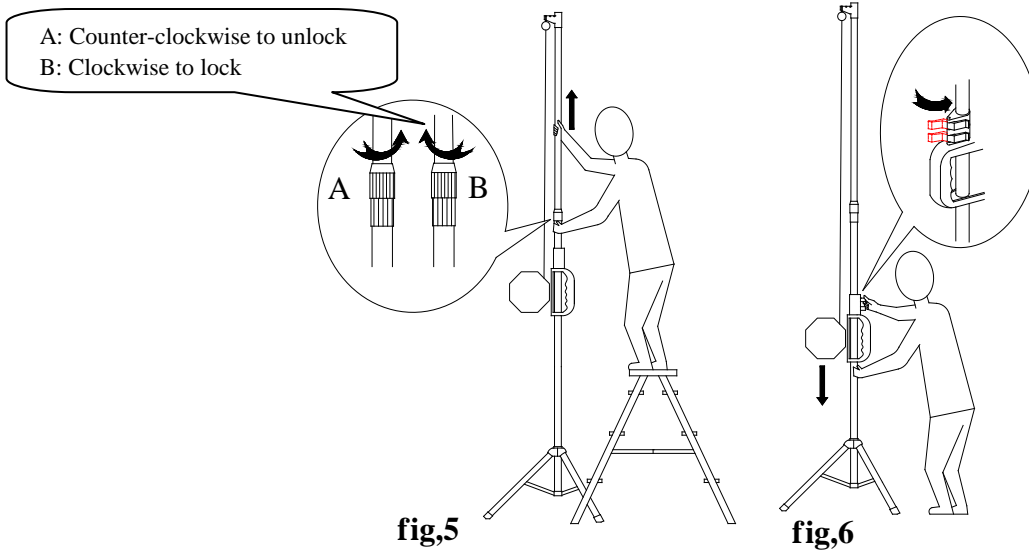
Note: At least 2 people are needed to set up the screen. Due to the height of the screen when extended, the use of a stool is recommended to properly hook the handle to the keystone eliminator.

1. While one person holds the casing horizontally leveled, the other person will need to stand on the stool and pull the screen handle up vertically and hook the screen handle on the Top Hook as shown in fig. 3 & 4.



2. Twist the **Vertical Locking Sleeve Ring counter-clockwise** to loosen the **Vertical Extension Bar** so that you can adjust the screen to your desired height.
Follow the steps below and refer to **Fig.5**

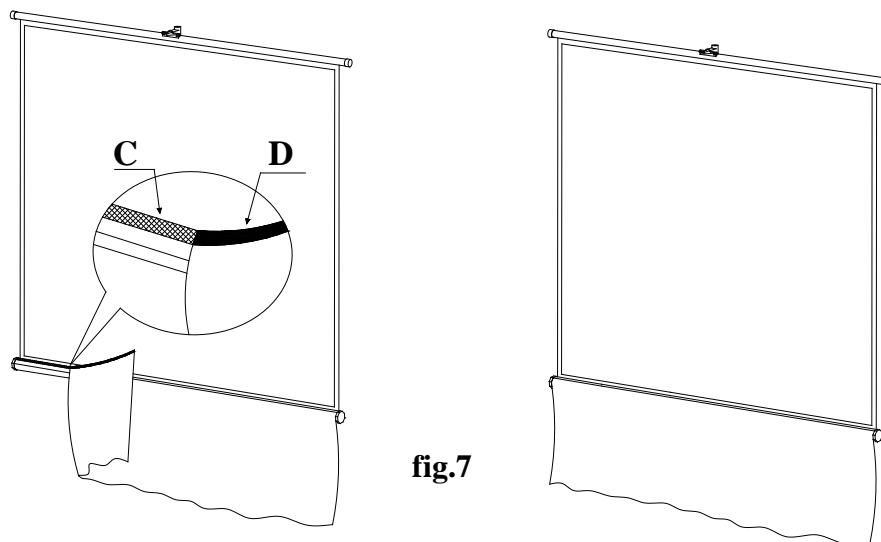
3. Pull the **Screen Height Adjustment Lock/Release tab** out (to the left), which is located just above the **Carrying Handle** to raise or lower the casing. Once the desired height has been set, push the tab back into the locked position. Follow the steps below and refer to **Fig 6**.



4.6 Curtain Installation

Follow the step below and refer to **Fig. 7**

1. Align the **Velcro strip (C)** of the curtain to the **Velcro strip (D)** on the screen's casing and push along the length of the strips together so that the curtain sticks to the casing.



4.7 Screen tear-down

Follow the steps below and refer to **Fig. 8**

1. Unlock the **Adjustment Handle** by pulling the locking tab to the **left** and slowly slide the casing down to its furthest point.
2. Hold the **Extension Bar** and twist the **Vertical Locking Sleeve Ring counter-clockwise** 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. You can then retighten the locking sleeve ring.

Note: It is very important to hold the extension bar first, and then unlock the sleeve to prevent the extension bar from slamming downwards and damaging the screen and to help prevent injury.

3. Close the tripod legs by pushing the junction upwards. The casing, extension bar and tripod legs should all be aligned as shown in fig. 8. Store the tripod in the provided **carrying bag**.

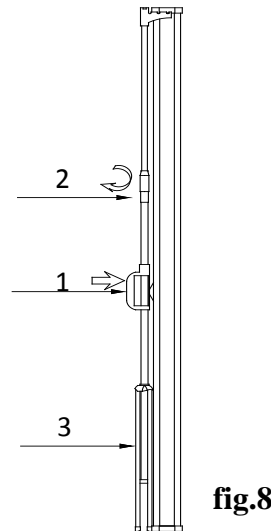


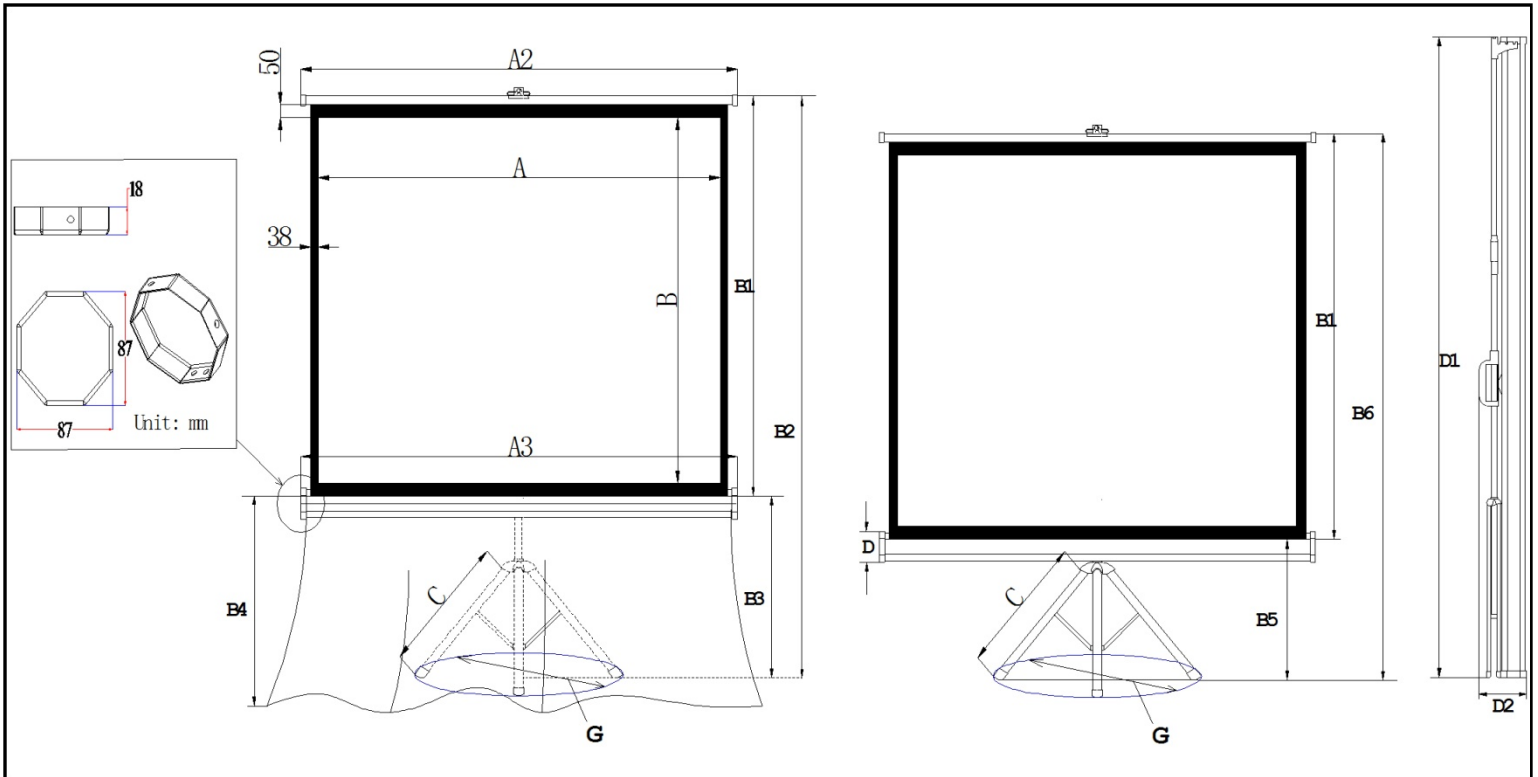
fig.8

Section 5: Product Specifications

5.1 Dimensions

| Model Number | Diag. Size | Aspect Ratio | (A) | (A2) | (A3) | (B) | (B1) | (B2) | (B3) | (B4) | (B5) | (B6) | (C) | (D) | (D1) | (D2) | (G) |
|--------------|------------|--------------|-------|-------|-------|-------|-------|-------|------|------|------|-------|------|-----|-------|------|------|
| Unit: Inches | | | | | | | | | | | | | | | | | |
| T153UWS1-D | 153" | 1:1 | 108.2 | 114.3 | 114.3 | 108.2 | 111.8 | 152.3 | 40.5 | 57.9 | 18.9 | 130.7 | 27.6 | 3.4 | 114.3 | 6.5 | 51.2 |
| T170UWS1-D | 170" | 1:1 | 120.2 | 126.3 | 126.3 | 120.2 | 123.8 | 164.9 | 41.1 | 57.9 | 18.9 | 142.7 | 27.6 | 3.4 | 126.3 | 6.5 | 51.2 |
| Unit: mm | | | | | | | | | | | | | | | | | |
| T153UWS1-D | 153" | 1:1 | 2748 | 2903 | 2903 | 2748 | 2840 | 3868 | 1029 | 1471 | 480 | 3320 | 700 | 86 | 2903 | 165 | 1300 |
| T170UWS1-D | 170" | 1:1 | 3053 | 3208 | 3208 | 3053 | 3145 | 4188 | 1044 | 1471 | 480 | 3625 | 700 | 86 | 3208 | 165 | 1300 |

5.2 Drawings

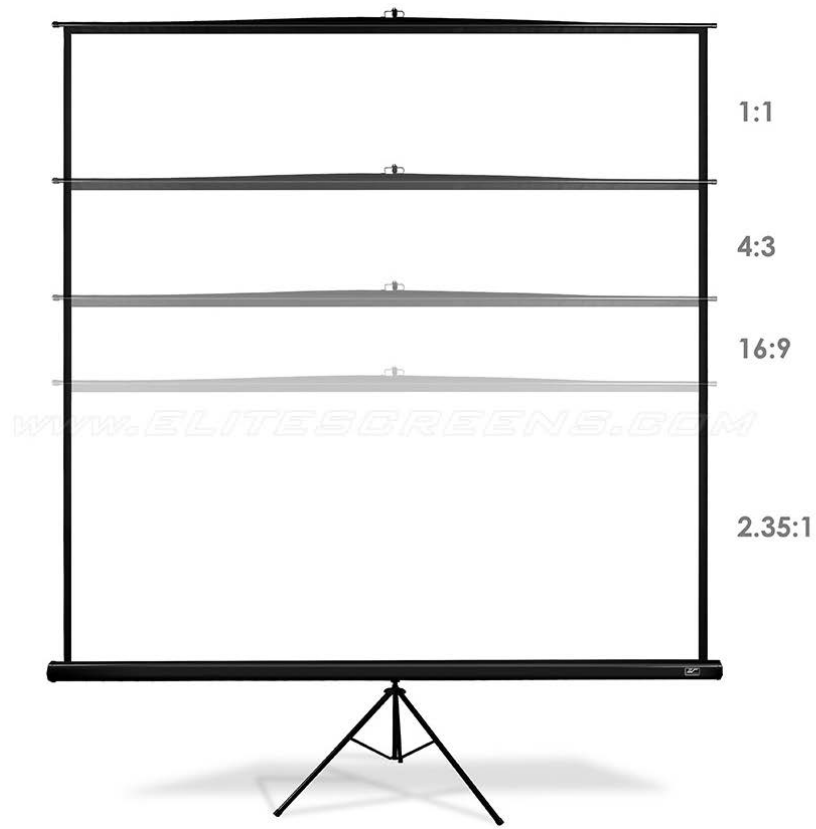


5.3 Pictures

Tripod Stage Series Sizes



Multiple Aspect Ratio Demo



Housing Corner Detail



Top Hook and Screen Handle Detail



Tripod Support Leg Detail



Carrying handle & Screen height adjustment Tab Detail



Tripod Stage Series Collapsed



Carrying Bag



Life Style





Section 6: Company Description

6.1 About EliteProAV™

EliteProAV™ is the manufacturer of projector screens for the commercial AV sales channel. It is a division of Elite Screens Inc., an ISO9001:2015 certified manufacturer that is presently the leading international brand of CE Retail projector screens with offices located worldwide.

EliteProAV™ provides an array of dedicated commercial grade projector screens for professional integrators. This includes certified products that are also compatible with building codes as well as programs, warranties and trained professionals to assist installers every step of the way. Product is available through a series of regional warehouses located in Southern California, Texas, Georgia, and Maryland. EliteProAV™ is located at 12282 Knott St. Garden Grove, CA 92841. For more information, please call 877-511-1211 or visit <http://www.eliteproav.com>.

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