



Imported by:
STEPHANIE MCNEIL CORPORATION

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studiotitanamerica.com

Made in: South Korea



CAUTION: Use leather work gloves and safety glasses when handling the box, when opening the box and when assembling the product.

HAZARD: Strapping is under tension and can jump when cut. Strapping and Buckles, Protective Edging, Plastic Walls, Plastic Caps and Product Components and parts should be handled with care. Work slowly, use extra caution to avoid any sharp edges.

Additional Tools may be Required: The essential tools are included. The following tools are recommended to be on site: Box Cutter, Scissors, Screw Driver, Pliers or Adjustable wrench. **HAND TIGHTEN ONLY !!!! DO NOT USE POWER TOOLS !!!**



!!!! WARNING !!!!
TO AVOID DANGER OF SUFFOCATION, KEEP PLASTIC BAGS SUPPLIED WITH THIS PRODUCT AWAY FROM BABIES AND CHILDREN!





Transit Damage:

Each package is inspected prior to being shipped from the warehouse to insure that is in perfect condition. The column shipping boxes are constructed using extra thick cardboard. If handled without care the boxes will show signs of transit damage. While following the Assembly Steps, carefully inspect the contents inside the box. If anything seems unusual, !!!STOP!!! Send images to: info@studiotitanamerica.com for a second opinion. If there are damaged OR Loose parts, do not assemble the stand, you may injure yourself. If the damage is noticeable such as cracks or loose or broken parts contact your dealer for exchange. If the damage is minor or cosmetic and does not compromise the safe assembly or operation of the stand send images of the parts that are affected to: info@studiotitanamerica.com. We will make arrangements to provide you with replacement parts to restore the stand to new condition.



Product Identification:



Product Nameplate / Label is located on the vertical column assembly.

The label information is indicated below:

STUDIO TITAN AMERICA

No.[Model Number] - [Manufacture Date]

Imported by / Importe par

STEPHANIE MCNEIL CORPORATION

250 Augusta Ave, Suite 204

Toronto, ON M5T 2L7 CANADA

Manufactured in / Fabrique en

SOUTH KOREA

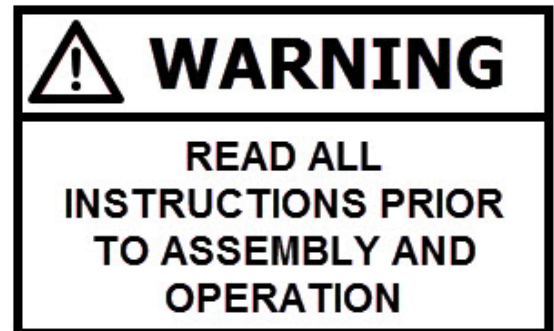
Label examples are indicated below:



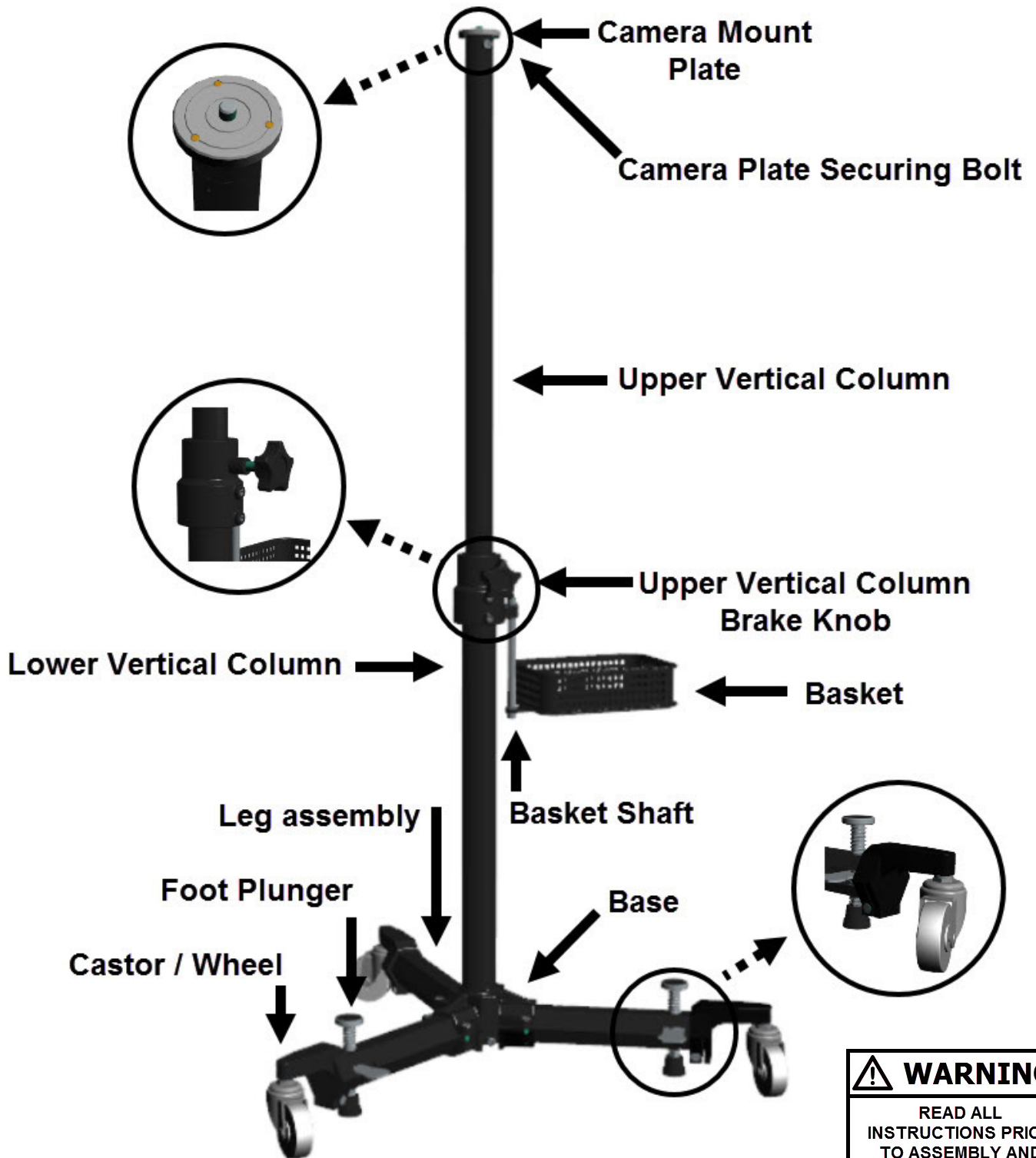
Intended use:

This product is intended for use by professional and commercial photographers in a studio environment. The wheels are designed to be used indoors on a floor that is smooth, hard, flat and unobstructed.

CAUTION: This product is not recommended for use on carpeted floors. Carpeting or pitted surfaces are not recommended because of the increased rolling resistance which can cause the stand to tip over. If the surface is not ideal, the stand must be moved with **CAUTION**, very slowly, using both hands one at the top and the other at the bottom to steady the stand in order to prevent the stand from tipping over. If the surface is not ideal, lower the load to waist level before moving the stand. We also recommend the use of a sandbag or weight attached at the base when conditions are not ideal to prevent tipping over. Ultimately it's the users responsibility to understand how the stand operates and to use the stand within its specification limits, as intended to insure their own safety and the safety of their equipment. It is also recommended to use a short tether cable to secure the camera to the stand in the event that the head, head plate, attachment stud or camera adapter plate comes loose or fails. Some assembly is required. Please read all documentation prior to assembly.



Component Identification: STA 01-450



⚠ WARNING
READ ALL INSTRUCTIONS PRIOR TO ASSEMBLY AND OPERATION

!CAUTION ! Cross Threading Components:

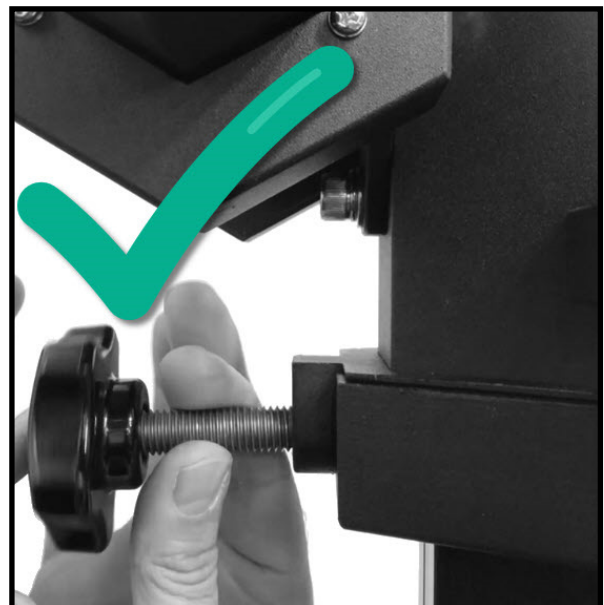
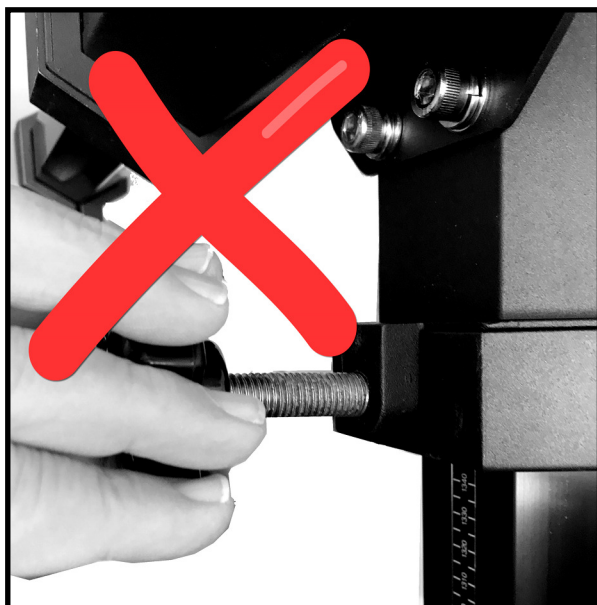


Cross-threading components during assembly is not covered under warranty.

Cross-threading is a term that describes damage that is caused when a misaligned screw or knob thread is forced into a threaded hole. When this occurs, threads are damaged and are no longer capable of proper operation. The remedy is replacement or repair of the damaged component/s.

AVOID cross-threading of mounting screws and knobs during assembly using this easy to follow procedure:

While standing in front of and looking into the threaded hole. Place the screw or knob thread against the threaded hole. Using one hand, hold the thread between your fingers. With the other hand hold the hex key like a pencil or place your index finger in the center of the knob. Align the screw or knob with the hole as indicated in the picture with the checkmark below. Slowly turn it counter-clockwise or left, several turns, until you hear a click or feel the start of the thread. Then proceed slowly, turning clockwise or right, gently using only finger force to tighten the screw or knob. If you feel increased resistance, the threads are not aligned, remove and start procedure from the beginning again.



Assembly Steps & Use:



1. Insert the Lower Vertical column into the base. Turn the assembly upside down so you can see into the bottom of the base. Insert the two grey semi-circular keys into the bottom of the base. Tighten two pairs of hex grub screws, one pair on each side of the base to secure the Lower Vertical column into the base. Refer to Diagram B.

2. Locate the transportation hex grub screw at the top of the Lower Vertical Column. Remove the transportation screw by rotating it counter clockwise. Replace the transportation screw with the brake knob. Rotate the brake knob clockwise until it is fully inserted. Refer to Diagram D.

3. Attach the camera head mount plate by onto the top of the Upper Vertical Column using the supplied knob.

Diagram: B

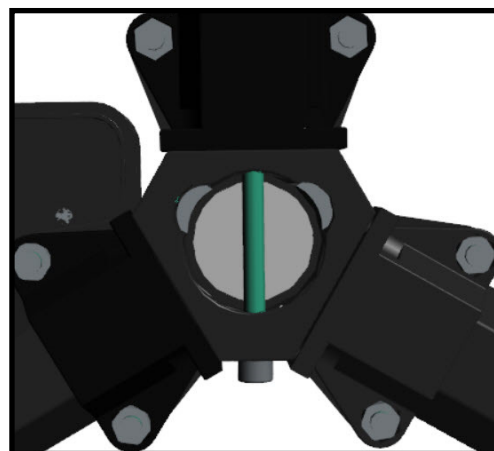
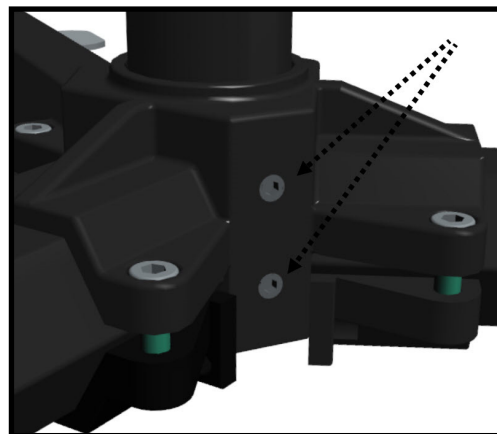
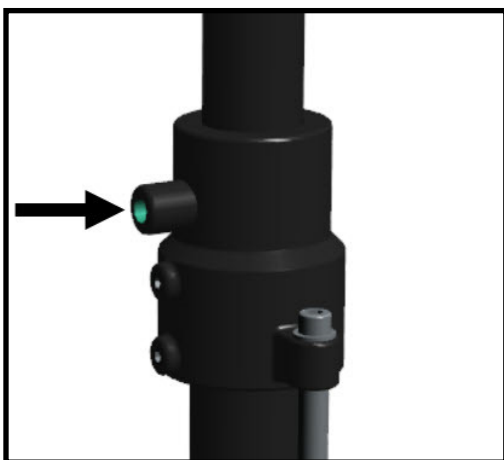


Diagram: D



Assembly Steps & Use:



4. Attach the three Leg Assemblies to the base. [See Diagram: A] The Hex Key tool is supplied and fasteners are supplied attached to the Base. Use the supplied Hex Key Loosen the fasteners, insert the legs and then re-tighten by hand. Note: two of the leg assemblies are supplied with foot plungers. To have direct access to the foot plungers you will want to install the foot plungers facing the operator or on the same side of the stand where the Upper Vertical column Brake Knob is located.

5. Locate two M8 Hex wrenches. Locate the Basket. Locate the Basket Shaft, See [component identification] page. With the first M8 hex key hold the M8 bolt at the top of the Basket shaft. With the second M8 hex key loosen the M8 bolt at the bottom of the Basket shaft. Attach the Basket to the Basket Shaft. Note the order of fastener connection: [Bolt, Flat washer, Basket Plate, Flat Washer]. [See: Component Identification page and DIAGRAM: C]

6. Re-tighten all fasteners AGAIN. Re-tighten fasteners after the first shoot. Tighten yearly.

7. Attach the customer supplied ball head to the camera head mount plate by screwing it onto the 3/8th inch - 16 thread. Secure the ball head from counter-rotating by tightening the three brass screws clockwise, located under the camera head mount plate.

8. To adjust the height of the vertical column, Loosen, turn the vertical column brake knob counter clockwise. Lift the upper vertical column to the desired position and tighten the vertical column brake knob.

9. Foot plungers are used to hold the stand in position during shooting. To engage the foot plunger use your foot to press down on the top of the plunger. To release the foot plunger press down on the aluminum tab beside the plunger, protruding from the leg assembly.

WARNING

**READ ALL
INSTRUCTIONS PRIOR
TO ASSEMBLY AND
OPERATION**

Diagram: A

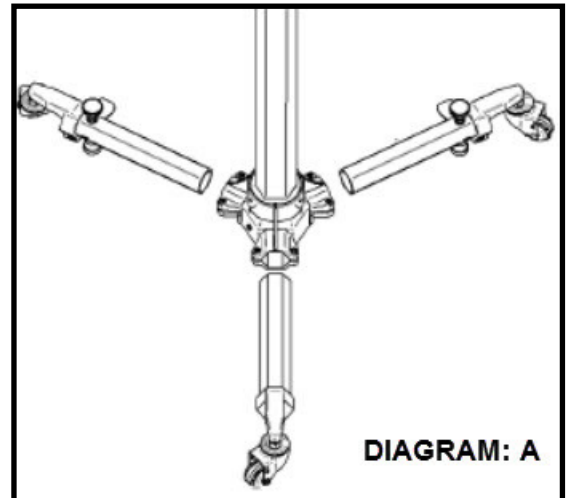
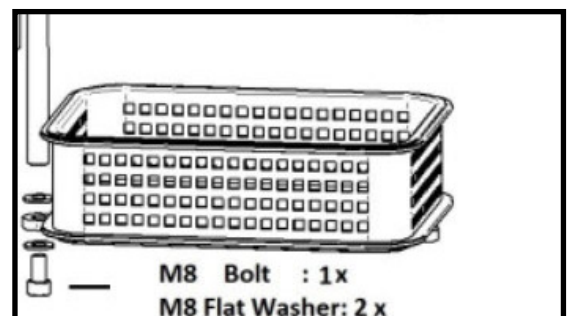


Diagram: C



Theory of Operation:



A studio stand is used by professional and commercial photographers to capture images accurately with repeatability. It provides a rigid and stable platform essential for High Resolution Sensors used in DSLR, Medium Format and Large Format cameras and imaging systems. A studio stand reduces vibrations that are present when shooting hand held. Reduced vibration increases image sharpness. It enables the photographer to focus on subject matter and image composition instead of hand holding the camera. It provides creative shooting options using heights and angles that are unachievable when hand holding a camera. It provides the foundation stone that enables the photographer to develop their own technical workflow. As the workflow evolves to include advanced imaging practices, the results can be seen as sharper images.

With an adjustable camera head the user can accurately set up the camera to maintain camera to subject flatness of field in both the vertical and horizontal planes of travel. The flatness of field is maintained as the user moves the stand both vertically and horizontally eliminating perspective distortion.

Shooting tethered with the optional accessory shelf, reduces floor cabling and allows the photographer to immediately confirm both focus and lighting. A Studio Stand reduces user fatigue. The internal counter balance offsets the weight of the camera and computer. Allowing the user to easily move the camera and computer up and down and left and right using only one hand. This promotes good body ergonomics which can prevent fatigue.

Tip Over Hazard:

Caution must be used when moving the stand to prevent tip over. Move the stand slowly and avoid uneven surfaces as well as low and high level objects. Additional caution must be used when the Horizontal arm with load (Camera or Laptop Shelf) is used in the upper area above the midpoint of the stand.



STA 01-450 Specification



- **Total Height** : 151cm / 59.45 in / 4 feet 11.4 in
- **Working Height Maximum** : 151cm / 59.45 in / 4 feet 11.4 in (measured from Camera Plate to floor)
- **Working Height Minimum** : 87cm / 34.25 in / 2 feet 10.2 in (measured from Camera Plate to floor)
- **Weight** : 8.4kg / 18.5lbs
- **Suggested Wheels** : 01-360-20-024
- **Base Diameter** : 85cm / 33.4 in
- **Recommended General load capacity** : 5kg (10.2lbs)
- **Main Outer Vertical Column Diameter** : 50mm / 1.97 in
- **Secondary Inner Vertical Column Diameter** : 40mm / 1.56 in
- **Camera Plate Hardware: 3/8th inch - 16 thread**
- **Includes Camera Head Mount Plate [Plate dimensions: Diameter: 59mm Thickness: 8mm] and Basket as shown**

Options:

-STA-01-451 Bar, provides two additional mounts for use with lighting or additional cameras.

-STA-01-390 3-way head

Material composition: The Vertical and Horizontal columns are made of aluminum. Counter weight is S20C steel. The nuts and bolts are made of steel. The casters are polyurethane. This product does not contain lead.

STUDIO TITAN RESERVES THE RIGHT TO MAKE PRODUCT CHANGES AND PRODUCT ENHANCEMENTS. PRODUCTS SUPPLIED MAY NOT BE DELIVERED EXACTLY AS ADVERTISED OR SHOWN ON THE WEBSITE OR IN THE MANUAL.

- Plastic bags are made of LDPE (Low-Density Polyethylene) – Recyclable plastic (check Local Authority) LDPE can be recycled. However, check with your Local Authority to ensure it is recycled in your area. This is described as a hard flexible plastic.

- The Corrugated cardboard box can be recycled at depots, in municipal curbside collection programs and through private recyclers.