



Imported by:
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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, Metric Hex / Allen Key set



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



STA-01-398 Lowering Plate Assembly

Diagram A



Diagram B



Refer to Diagram A. Remove the end cap of the STA-01-398 circular arm tube by turning it counter clockwise. Locate and Loosen the hex head screws with supplied hex key, in the rectangular arm. Insert the circular arm tube into the hole of the rectangular arm and tighten the hex head screw clockwise with supplied hex key. Replace the end cap of the STA-01-398 circular arm tube by turning it clockwise. The finished assembly will look like Diagram B.

The STA-01-398 Lowering Plate can be mounted onto the camera stands horizontal arm in the following positions: 0 degrees pointing up, 60 degrees pointing forward, 120 degrees pointing forward and downward, 180 degrees pointing down, 240 degrees pointing backward and downward, 300 degrees pointing backward and upward. The circular tube can be mounted on either side of the clamp plate pointing toward the center column or away from the center column.

The Camera Head Mount Plate can be re-positioned using the hand lever. It can be re-positioned anywhere from 0-360 degrees around the circular arm.

***CAUTION:**

When using the STA-01-398 Lowering Plate the load capacity [camera, etc.] must be reduced.

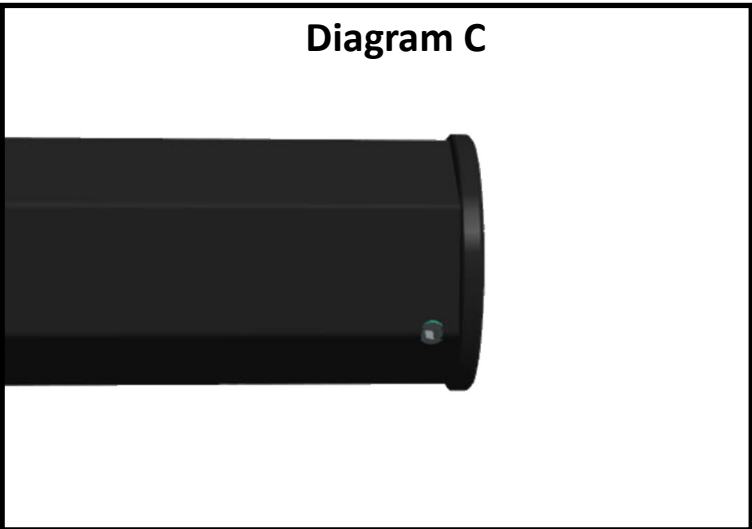
The nominal load capacity must be reduced by using the following formula:

$(\text{STA supplied published stand load capacity} / (300\text{mm} + \text{Length of originally supplied STA Horizontal Arm/Bar in mm})) / (\text{Length of originally supplied STA Horizontal Arm/Bar in mm}) = \text{new full extension load capacity}$

$(\text{STA-C01-360} = 10\text{kg}) / (300\text{mm} + 700\text{mm} / 700\text{mm}) = 7 \text{ Kg} / 15.4 \text{ lbs}$



STA-01-398 Lowering Plate Assembly to STA-01-SERIES [NON-MK2]



Reference the original Studio Stand Manual and images on this page to identify the major components. Tighten both the Vertical and Horizontal carriage brake knobs Clock wise on the studio stand. **Diagram C NON-MK2:** Loosen the head mount plate and move it toward the centre of the stand to expose the metric hex grub screw under the end of the Horizontal Arm / Bar. With supplied metric hex key, turn counter clockwise and remove the screw. Remove the end cap and remove the head mount plate. Attach the STA-01-398 Lowering Plate onto the Horizontal Arm / Bar and tighten the hex head screw in the rectangular arm clockwise with supplied hex key. Replace the camera plate and tighten the screw clockwise with supplied hex key. Replace the end cap and gently tighten the metric grub screw clockwise with supplied hex key.

The STA-01-398 Lowering Plate can be mounted onto the camera stands horizontal arm in the following positions: 0 degrees pointing up, 60 degrees pointing forward, 120 degrees pointing forward and downward, 180 degrees pointing down, 240 degrees pointing backward and downward, 300 degrees pointing backward and upward. The circular tube can be mounted on either side of the clamp plate pointing toward the center column or away from the center column.

The Camera Head Mount Plate can be re-positioned using the hand lever. It can be re-positioned anywhere from 0-360 degrees around the circular arm.

***CAUTION:**

When using the STA-01-398 Lowering Plate the load capacity [camera, etc.] must be reduced.

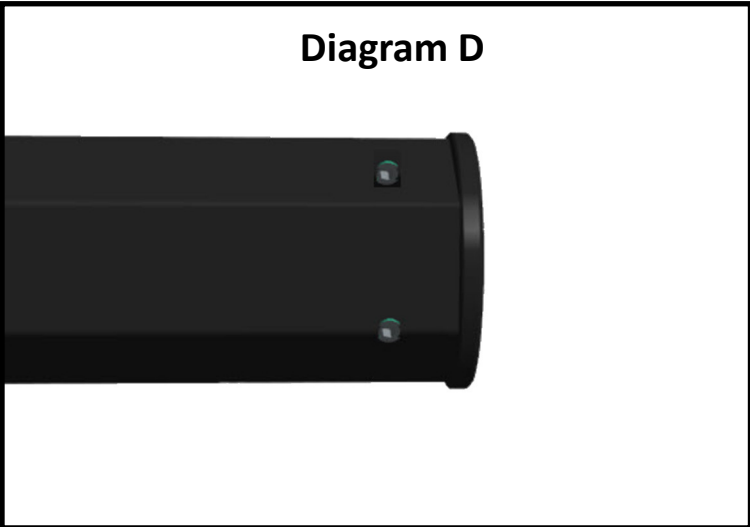
The nominal load capacity must be reduced by using the following formula:

$$\text{(STA supplied published stand load capacity / (300mm + Length of originally supplied STA Horizontal Arm/Bar in mm)) / (Length of originally supplied STA Horizontal Arm/Bar in mm)) = new full extension load capacity}$$

$$\text{(STA-C01-360= 10kg) / (300mm+700mm / 700mm) = 7 Kg / 15.4 lbs}$$



STA-01-398 Lowering Plate Assembly to STA-01-SERIES [MK2]



Reference the original Studio Stand Manual and images on this page to identify the major components. Tighten both the Vertical and Horizontal carriage brake knobs Clock wise on the studio stand. Diagram D MK2: Locate two metric screws under and behind the end of the Horizontal Arm / Bar. With supplied hex key, turn counter clockwise and remove the two screws. Remove the end cap head mount plate assembly. Attach the STA-01-398 Lowering Plate onto the Horizontal Arm / Bar and tighten the hex head screw in the rectangular arm clockwise with supplied hex key. Replace the end cap head mount plate assembly and tighten the two screws with the hex key.

The STA-01-398 Lowering Plate can be mounted onto the camera stands horizontal arm in the following positions: 0 degrees pointing up, 60 degrees pointing forward, 120 degrees pointing forward and downward, 180 degrees pointing down, 240 degrees pointing backward and downward, 300 degrees pointing backward and upward. The circular tube can be mounted on either side of the clamp plate pointing toward the center column or away from the center column.

The Camera Head Mount Plate can be re-positioned using the hand lever. It can be re-positioned anywhere from 0-360 degrees around the circular arm.

***CAUTION:**

When using the STA-01-398 Lowering Plate the load capacity [camera, etc.] must be reduced.

The nominal load capacity must be reduced by using the following formula:

(STA supplied published stand load capacity / (300mm + Length of originally supplied STA Horizontal Arm/Bar in mm)) / (Length of originally supplied STA Horizontal Arm/Bar in mm)) = new full extension load capacity

(STA-C01-360= 10kg) / (300mm+700mm / 700mm) = 7 Kg / 15.4 lbs

Rough Handling:

Each package leaves our facility in perfect condition. The column boxes are supplied using extra thick corrugated cardboard, some packages include engineered plastic walls, and banded protection corners. The Arm/Bar is supplied packed in foam to protect against reasonable impacts. If the box is handled roughly it will show signs of transit damage. If you were supplied a product that is not new or it looks used contact your dealer for exchange.

If the damage is only cosmetic and does not compromise the safe operation of the product, please contact us by email with images of the part that is affected. We will make arrangements to provide you with a replacement part.



Intended use:

This product is intended for use by professional and commercial photographers in a studio environment with a high ceiling. The wheels are designed to be used indoors on a floor that is smooth, hard, flat and unobstructed. The Studio Stands with internal counterweight are designed to be used at all times with a load (Camera or laptop shelf or both). **CAUTION:** This product is not recommended for use by hobbyists or in a household environment with a low ceiling or 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, we recommend using an assistant during the initial product assembly. Please read all documentation prior to assembly.



INSTALLATION & USE PROCEDURE:

NOTE: This information only applies to current production STUDIO TITAN AMERICA products manufactured from 2018 onwards

1 After assembly of the STA-01-398 Lowering Plate. ADD additional sand-bags or weights, one placed onto each of the three feet of the base. Together with your Assistant, raise the Vertical carriage to the highest travel point and lock the brake. With both hands holding the STA-01-398 Lowering Plate, move the Horizontal Arm / Bar to the most extended position. Using minimal force with one hand pull down on the camera plate to simulate the camera load. With the other hand hold the Horizontal Arm/Bar a short distance from the camera plate. This exercise will allow you to gauge the loading effect on Horizontal Arm/Bar as well as the stability of the stand. Under these conditions use extreme caution when working with the stand and moving the stand. Prior to moving the stand move/retract the load toward the Horizontal Bearing Carriage bearing and lower the Horizontal Arm/Bar as low to the ground as possible. A lower center of gravity is more stable when moving the stand in the studio. Also use two hands, when moving the stand in the studio, this will allow you to prevent a tip over should it start to occur. Always remember to clear the area of people, animals and sensitive equipment prior to moving the stand. Always remember to train staff and assistants on proper use and handling procedures prior to them using the stand.





INSTALLATION & USE PROCEDURE:

CAUTION:

When using STA-01-398 Lowering Plate, the load capacity [camera, etc] must be reduced.

When subjected to a load the horizontal arm acts as a cantilever which carries the mass of the load from the camera plate, as a force into the Horizontal Carriage Bearing. As the Horizontal Arm/Bar is moved further away from the Horizontal Carriage Bearing a force amplifying effect occurs. This can have an adverse affect on the Horizontal Arm/Bar, the Horizontal Bearing Carriage as well as the overall stability of the stand. The nominal load capacity must be reduced by using the following formula:

When using the STA-01-398 Lowering Plate the load capacity [camera, etc.] must be reduced.

The nominal load capacity must be reduced by using the following formula:

(STA supplied published stand load capacity / (300mm + Length of originally supplied STA Horizontal Arm/Bar in mm) / (Length of originally supplied STA Horizontal Arm/Bar in mm)) = new full extension load capacity

(STA-C01-360= 10kg) / (300mm+700mm / 700mm) = 7 Kg / 15.4 lbs

NOTE: This information only applies to current production STUDIO TITAN AMERICA products.





Tip Over Hazard:

Caution must be used

As the Camera plate and Horizontal Arm/Bar is moved further away from the Horizontal Carriage Bearing a force amplifying effect occurs. This can have an adverse effect on the overall stability of the stand which can also cause a tip over hazard. As the Horizontal Arm/Bar is moved higher towards the top of the Vertical column. This can have an adverse effect on the overall stability of the stand which can also cause a tip over hazard. Use of three additional sand-bags or weights, one placed onto each of the three feet of the base of the stand are recommended to prevent tip over.



STA 01-398 Lowering Plate Specifications

- **Overall Height** : 30.4cm / 12 in
- **Overall Width** : 30.4cm / 12 in
- **Arm Outer Diameter** : 4.5cm / 1.76 in
- **Arm Wall Thickness** : 3.35mm / 0.13 in
- **Clamp Plate Thickness** : 15.25mm / 0.60 in
- **Clamp Plate Length** : 39cm / 15.375 in
- **Clamp Plate Width** : 6cm / 2.375 in
- **Clamp Plate center to center of camera head mount plate** : 27.9cm / 11 in
- **Weight** : 1.7kg / 3.8 lb

Compatible Camera Stands:

- STA-01-360MK2 [*see note regarding reduced loading]
- STA-01-360 [*see note regarding reduced loading]
- STA-C01-360 [*see note regarding reduced loading]
- STA-01-350 [*see note regarding reduced loading]
- STA-01-350MK2 [*see note regarding reduced loading]
- STA-C01-350-TRI [*see note regarding reduced loading]
- STA-01-350RMK2 [*see note regarding reduced loading]
- STA-01-380 [*see note regarding reduced loading]

The STA-01-398 Lowering Plate can be mounted onto the camera stands horizontal arm in the following positions: 0 degrees pointing up, 60 degrees pointing forward, 120 degrees pointing forward and downward, 180 degrees pointing down, 240 degrees pointing backward and downward, 300 degrees pointing backward and upward. The circular tube can be mounted on either side of the clamp plate pointing toward the center column or away from the center column.

The Camera Head Mount Plate can be re-positioned using the hand lever. It can be re-positioned anywhere from 0-360 degrees around the circular arm.

Material composition:

The Arm is made of aluminum.

* STUDIO TITAN reserves the right to make product changes which may effect the product and the travel range

• The column box blue outer plastic material is Polypropylene, abbreviated as PP, is a recyclable thermoplastic polymer widely used in many different products. PP is rugged. PP's resin identification code is 5, and it is recyclable.

• 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.