Studio Titan
AMERICA

Imported by:
STEPHANIE MCNEIL CORPORATION

250 Augusta Avenue - Suite 204
Toronto, Ontario, M5T 2L7
Canada
(647) 879-7837
info@studiotitanamerica.com
studiotitanamerica.com
Made in: South Korea

⚠CAUTION
INSPECT BOXES AND INTERNAL COMPONENTS FOR SHIPPING DAMAGE PRIOR TO ASSEMBLY

⚠CAUTION

⚠ WARNING
READ ALL INSTRUCTIONS PRIOR TO ASSEMBLY AND OPERATION

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, Plyers or Adjustable wrench, Metric Hex / Allen Key set

CAUTION
TIPPING HAZARD

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

STA-01-350HB-1115

Horizontal Arm Bar with scale and end caps - 1115mm Length

Compatible Camera Stands:

-STA-01-360MK2 [*see note regarding reduced loading]

-STA-C01-360 [*see note regarding reduced loading]

-STA-C01-350-TRI [*see note regarding reduced loading]

-STA-01-350 [from July 1 2020 onwards] [*see note regarding reduced loading]

To confirm compatibility please send a picture that indicates the type of interface plate located between the Horizontal carriage and Vertical carriage of your camera stand. email: info@studiotitanamerica.com

Non-Compatible Camera Stands:

STA-01-360

STA-01-380

*CAUTION:

When using Horizontal Arms/Bars that are longer than originally supplied, 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:

[STA supplied published stand load capacity / [Length of New Longer Horizontal Arm/Bar in mm / Length of originally supplied STA Horizontal Arm/Bar in mm] = new full extension load capacity

[STA-C01-360= 10kg] / [1500mm / 700mm] = 4.6 Kg / 10.1 lbs

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

• Total Length of Arm / Bar : approx. 1115mm / 43.8 in

• Working Width Horizontal : approx. 955mm / 37.5 in (center of Column to center of Camera plate)
• Recommended Reduced General load capacity : use formula below

[STA supplied published stand load capacity] / [Length of New Longer Horizontal Arm/Bar in mm / Length of originally supplied STA Horizontal Arm/Bar in mm] = new full extension load capacity
[C01-360= 10kg] / [1500mm / 700mm] = 4.6 Kg / 10.1 lbs

STA-01-350HB-1500

Horizontal Arm Bar with scale and end caps - 1500mm Length

Compatible Camera Stands:

-STA-C01-360 [*see note regarding reduced loading]

-STA-C01-350-TRI [*see note regarding reduced loading]

-STA-01-350 [from July 1 2020 onwards] [*see note regarding reduced loading]

To confirm compatibility please send a picture that indicates the type of interface plate located between the Horizontal carriage and Vertical carriage of your camera stand. email: info@studiotitanamerica.com

Non-Compatible Camera Stands:

STA-01-350MK2

STA-01-350RMK2

STA-01-360

STA-01-360MK2

STA-01-380

*CAUTION:

When using Horizontal Arms/Bars that are longer than originally supplied, 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:

[STA supplied published stand load capacity / [Length of New Longer Horizontal Arm/Bar in mm / Length of originally supplied STA Horizontal Arm/Bar in mm] = new full extension load capacity

[STA-C01-360= 10kg] / [1500mm / 700mm] = 4.6 Kg / 10.1 lbs

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

• Total Length of Arm / Bar : approx. 1500mm / 59 in

• Working Width Horizontal : 1335mm / 52.5 in (center of Column to center of Camera plate)
• Recommended Reduced General load capacity : use formula below

[STA supplied published stand load capacity] / [Length of New Longer Horizontal Arm/Bar in mm / Length of originally supplied STA Horizontal Arm/Bar in mm] = new full extension load capacity
[STA-C01-360= 10kg] / [1500mm / 700mm] = 4.6 Kg / 10.1 lbs

STA-01-350HB-1500MK2

MK2 Horizontal Arm Bar with scale - 1500mm Length

Compatible Camera Stands:

-STA-01-350MK2 [*see note regarding reduced loading]

-STA-01-350RMK2 [*see note regarding reduced loading]

Non-Compatible Camera Stands:

STA-C01-360

STA-01-350

STA-C01-350-TRI

STA-01-360

STA-01-360MK2

STA-01-380

*CAUTION:

When using Horizontal Arms/Bars that are longer than originally supplied, 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:

[STA supplied published stand load capacity / [Length of New Longer Horizontal Arm/Bar in mm / Length of originally supplied STA Horizontal Arm/Bar in mm] = new full extension load capacity

[STA-01-350MK2= 10kg / 22 lbs] / [1500mm / 1000mm] = 6.7 Kg / 14.6 lbs

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

• Total Length of Arm / Bar : approx. 1500mm / 59 in

• Working Width Horizontal : 1335mm / 52.5 in (center of Column to center of Camera plate)
• Recommended Reduced General load capacity : use formula below

[STA supplied published stand load capacity] / [Length of New Longer Horizontal Arm/Bar in mm / Length of originally supplied STA Horizontal Arm/Bar in mm] = new full extension load capacity
[STA-01-350MK2= 10kg / 22 lbs] / [1500mm / 1000mm] = 6.7 Kg / 14.6 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.

Component Identification:

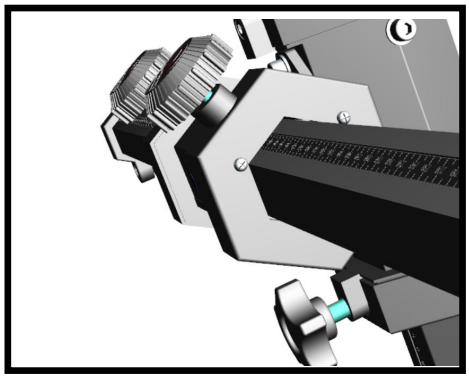
STA-01-350HB-1115 / 1500

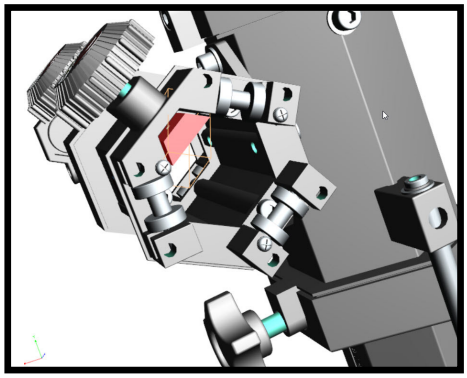
STA-01-350HB-1500MK2

Assembly Steps: Non MK2 [see next page for MK2]

Studio Titan AMERICA

Reference the original Studio Stand Manual and images on this page to identify the major components. Together with your Assistant…….. Tighten both the Vertical and Horizontal carriage brake knobs Clock wise on the studio stand. 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. Remove both the right and left horizontal carriage covers. Each cover is secured with three Philips / star screws with washers. With the carriage covers removed locate the braking plates which are directly below the braking knobs. Loosen and remove the left and right Horizontal carriage brake knobs. Together with your Assistant carefully remove the Horizontal Arm / Bar. As you remove the horizontal arm the braking plates may come loose or free. The braking plates will either remain in place or will come out together with the horizontal arm. Please also note there is a small cylinder shaped brass coloured brake pin that is located between the brake knob and brake plate. Together with your assistant carefully retrofit the new arm / bar. When reassembling the arm / bar remember to first put back the brake plates and then replace the brake pins by inserting them into the same hole before you replace the brake knobs. Replace the carriage covers. Replace the camera plate and tighten the screw with the metric hex key. Replace the head mount plate and end cap and gently tighten the metric grub screw with the hex key.

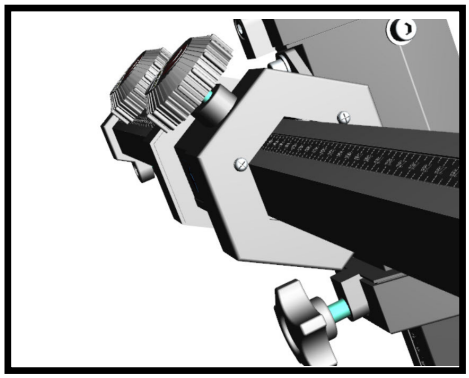


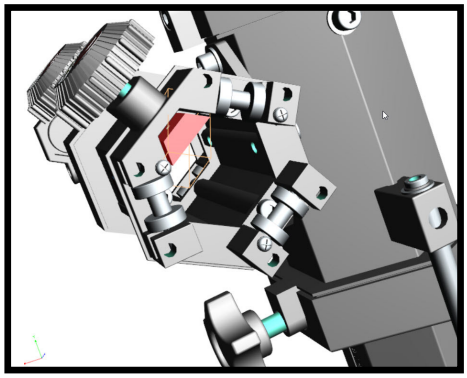


Assembly Steps: MK2

Studio Titan AMERICA

Reference the original Studio Stand Manual and images on this page to identify the major components. Together with your Assistant…….. Tighten both the Vertical and Horizontal carriage brake knobs Clock wise on the studio stand. MK2: Locate two metric screws under and behind the end of the Horizontal Arm / Bar. With supplied metric hex key, turn counter clockwise and remove the two screws. Remove the end cap head mount plate assembly. Remove both the right and left horizontal carriage covers. Each cover is secured with three Philips / star screws with washers. With the carriage covers removed locate the braking plates which are directly below the braking knobs. Loosen and remove the left and right Horizontal carriage brake knobs. Together with your Assistant carefully remove the Horizontal Arm / Bar. As you remove the horizontal arm the braking plates may come loose or free. The braking plates will either remain in place or will come out together with the horizontal arm. Please also note there is a small cylinder shaped brass coloured brake pin that is located between the brake knob and brake plate. Together with your assistant carefully retrofit the new arm / bar. When re-assembling the arm / bar remember to first put back the brake plates and then replace the brake pins by inserting them into the same hole before you replace the brake knobs. Replace the carriage covers. Replace the end cap head mount plate assembly and tighten the two screws with the metric hex key.





INSTALLATION & USE PROCEDURE:

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

1 After assembly of the New Horizontal Arm/ Bar, without load, center the Horizontal Arm/ Bar. 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 New Horizontal Arm/Bar, move it 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 New Horizontal Arm/Bar a short distance from the camera plate. This exercise will allow you to gauge the loading effect on the New 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 Horizontal Arms/Bars that are longer than originally supplied, 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:

[STA supplied published stand load capacity / [Length of New Longer Horizontal Arm/Bar in mm / Length of originally supplied STA Horizontal Arm/Bar in mm] = new full extension load capacity

[STA-01-350MK2= 10kg / 22 lbs] / [1500mm / 1000mm] = 6.7 Kg / 14.6 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 01-350 HB Specifications

Product Part Numbers:
01-350HB-700 - 700mm length
01-350HB-1000 - 1000mm length
01-350HB-1115 - 1115mm length
01-350HB-1500 & MK2 - 1500mm length

• STA C01-360 & STA 01-360MK2
Standard supplied Horizontal Arm/Bar total length: 700mm
Approx. Useful travel on STA C01-360 & STA 01-360MK2 from center of Vertical Center/Column to center of Camera plate:
Full Extension: 550mm as measured on one side.
Minimum Retraction: 140mm

• STA 01-350 & STA 01-350MK2
Horizontal Arm/Bar total length: 1000mm
Approx. Useful travel on STA 01-350 from center of Vertical Center/Column to center of Camera plate:
Full Extension: 840mm as measured on one side.
Minimum Retraction: 140mm

• Custom Horizontal Arm/Bar total length: 1115mm
Approx. Useful travel on STA 01-360MK2 & STA C01-360 & STA 01-350 & STA 01-350MK2 from center of Vertical Center/Column to center of Camera plate:
Full Extension: 955mm as measured on one side.
Minimum Retraction: 140mm
Note: the stated values are approximate and may vary

• Custom Horizontal Arm/Bar total length: 1500mm
Approx. Useful travel on STA C01-360 & STA 01-350MK2 & STA 01-350RMK2 from center of Vertical Center/Column to center of Camera plate:
Full Extension: 1335mm as measured on one side.
Minimum Retraction: 140mm

* 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.