

MyStudio® MS32 Setup Instructions

MISSION STATEMENT

Pro Cyc, Inc. is the world leader in design and sales of modular infinity backgrounds. Our studio systems are recommended by every major company providing chromakey and virtual technology to the film, video and still photography markets.

The new MyStudio® line continues our tradition by bringing Pro Cyc advantages to the home user, providing the very best to our customers. MyStudio® gives you the best results possible to accurately portray your products and produce perfectly lit, professional quality photos with virtually no prior photography experience.

You will need the following tools:

- Flathead screwdriver (Phillips screwdriver is optional)
- 7/16" (11mm) wrench or nut driver, or crescent wrench

Your contents include: (Fig. 1)

- 1) 1 - 32" x 32" x 16" MyStudio® MS32CYC cyclorama background
- 2) 2 - 110V fluorescent lamp fixture (**Note:** you will need to use a 220V – 110V voltage converter if you are in a country that uses 220V – 240V power)
- 3) 2 - "daylight" fluorescent light bulbs
- 4) 2 - aluminum crossbars
- 5) 2 - aluminum "legs"
- 6) 2 - aluminum "feet"
- 7) 2 - top reflectors
- 8) 2 - 9" easel backs
- 9) 2 - 16" x 20" bounce cards
- 10) 2 - 2" x 28" strips of white seam tape
- 11) Hardware included: six ¼"-20 x 1/2" screws; four ¼"-20 x 3/4" screws; eight ¼"-20 hex nuts ; one #10-32 x ½" screw and one #10-32 x ¾" screw; two #10-32 wing nuts; two ¼"-20 x 1/2" thumb screws (with black knobs)

ASSEMBLY

1. Leg assembly: Using two ¼"-20 x 1/2" screws and two ¼"-20 hex nuts for each leg assembly, attach one foot to one leg. The foot should angle away from the leg and the leg placed on the outside of the vertical flange towards the rear of the foot, with one hole on the foot remaining behind where the leg is attached. (Fig. 2) Repeat the process with the remaining foot and leg.

2. Crossbar assembly: Begin by attaching the two crossbars together using the two #10-32 wing nuts with the #10-32 x ½" and #10-32 x ¾" screws (Figs. 3, 4, 5). Note that the longer #10-32 x ¾" screw goes through the holes that have the steel reinforcement while the shorter screw goes through the holes without the reinforcement.

Once the crossbars are joined together in the middle, it is time to install the "locating screws" at either end of the crossbar assembly. Using one of the remaining ¼"-20 x 1/2" screws and your screwdriver, screw it into the end of one side of the joined crossbar from the inside of the crossbars into the hole that does not have the steel insert, with the threads of the screw facing towards the outside (Fig. 6). Repeat this process on the other end of the joined crossbar with the remaining ¼"-20 x 1/2" screw. These will be your

“locating” screws that will stabilize the crossbar on each leg. Once installed, they will never have to be removed, even when raising or lowering the light.

3. Remove lamp diffusers: To avoid breaking the locking tabs on the diffuser covers, please follow these easy steps: Using a flat head screw driver, start at one end of the diffuser next to the locking tabs and carefully insert the flat blade of the screw driver between the white diffuser tabs and the lamp housing (Fig. 7). Gently twist the blade to loosen the diffuser a little bit. Repeat every few inches on either side of the lamp until the diffuser pops off easily. Do this on both lights until both diffusers are removed.

4. Top Reflector and fluorescent light placement and assembly (*NOTE: this differs slightly from the video instructions due to an updated crossbar design):

- a. Lay the crossbar assembly down flat with the MyStudio sticker facing up and upside down in front of you (Fig. 8). Place one top reflector and one lamp in front of each side of the crossbar with the lamp cords in the center. The top reflectors should be lying on their backs with the end with the holes next to the crossbar and the bent edges facing up.
- b. Flip the crossbar over 180 degrees towards you so that the sticker side is now facing down.

Take one of the top reflectors and position it directly over one side of the crossbar assembly so that the holes in the reflector and crossbar line up, AND so that the interior edge of the reflector is lined up nearly flush with the center seam of the crossbar assembly.

Next, hold a crossbar and reflector in place with the holes lined up, and then position a light fixture on top of the reflector and line up all the holes.

- c. Insert one ¼”-20 x 3/4” screw through each of the holes from the bottom of the crossbar so each screw goes all the way through the crossbar, reflector and lamp, then secure each screw with a ¼”-20 hex nut. Once the first light is secure, repeat the steps above to secure the second light. (Figs. 9, 10, 11)

You should now have the light fixture, reflector, and crossbar with the screws in the lights running through the assembly, secured by the hex nuts, and the lamp cords in the center of the assembly. (Fig. 12)

5. Tape the seam on the underside of the reflectors: Using one of the white strips of seam tape, carefully peel of the non-adhesive backing, being careful not to let the tape stick to itself. While keeping the two reflectors pressed close together, carefully lay the tape over the seam beginning as close to the lamps as possible, then progressing out towards the far edge of the reflectors, using your other hand to smooth and flatten the tape over the seam (Fig. 13). Cut off any overhanging tape with scissors (there is generally 2-4 inches of extra tape).

6. Install fluorescent bulbs: Install the fluorescent light bulbs into each lamp fixture by lining up the pins on either end of the bulb with the slots in the lamp. (Fig. 14) Push the bulb down carefully until it is snug on each side, then twist it about ¼ turn until it clicks into place. Carefully replace the plastic diffuser by lining up the locking tabs with the holes in the lamp housing and snap into place, being careful not to force the locking tabs too hard as they can break fairly easily.

7. Tape the seam on the top side of the reflectors: Once the seam on the underside of the reflector is taped and the light bulbs have been installed, carefully flip over the entire light and reflector assembly (this works best with two people), and repeat the steps above with the remaining strip of white seam tape on the other side (Fig. 15). When flipping it over, be careful not to let the reflectors separate from the tape you just installed.

8. Crossbar Attachment (we recommend 2 people for this step): With one person on either side of the crossbar assembly, attach the crossbar assembly to each leg using the black thumbscrews. While the crossbar can be secured using any of the holes in the legs, we recommend starting in about the middle and leaving 3 or 4 holes open above the crossbar point of attachment (Fig. 16). To attach the crossbar, first place the locating screw into the same hole on each leg. Next, line up the holes and screw the thumbscrews from the outside of the leg into the crossbar hole with the steel insert. (Figs. 16, 17)

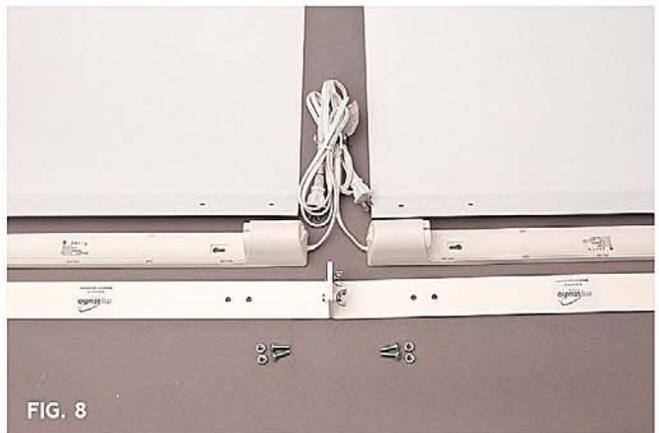
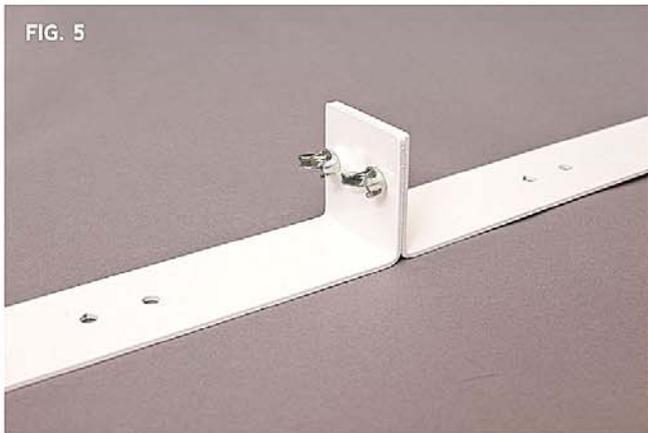
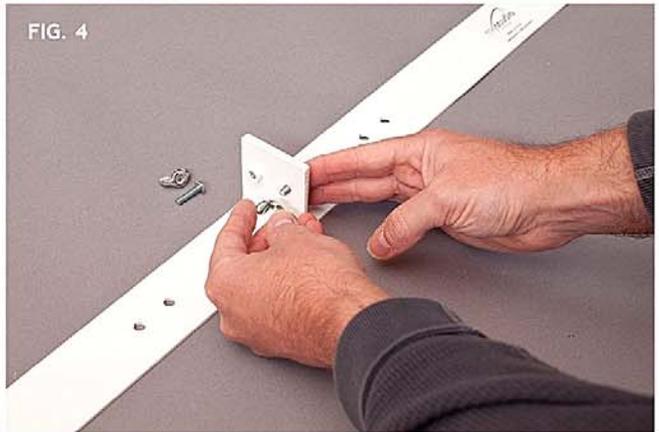
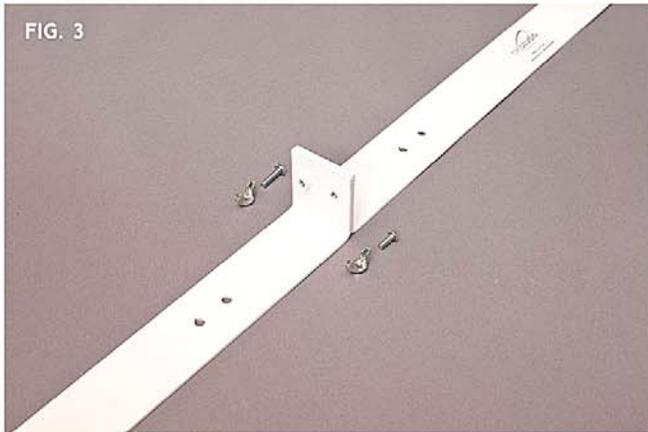
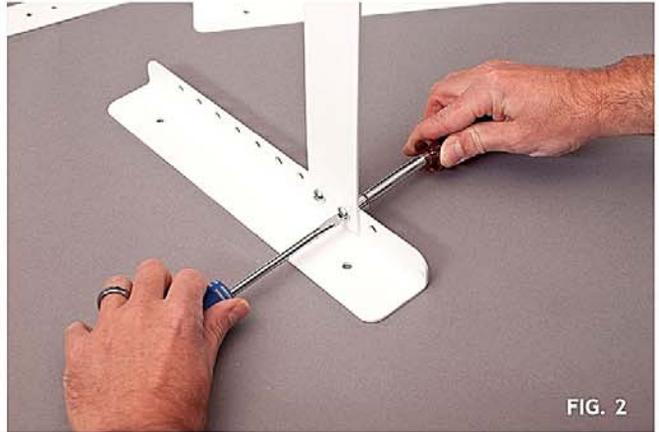
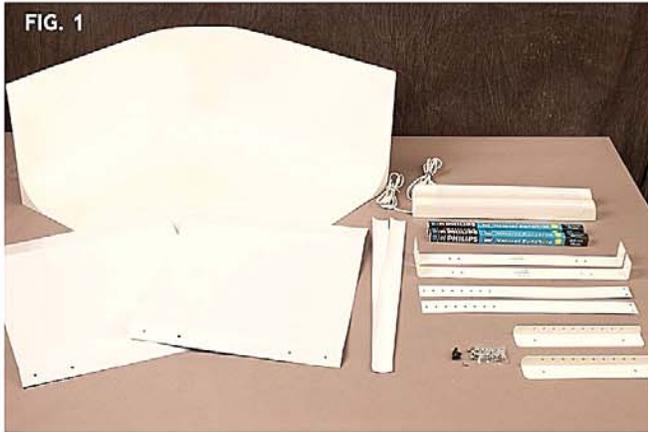
9. Final setup of light stand assembly: Now is the time to place the MyStudio® MS32 on a large flat table top and stand the light with the reflectors extending over the MyStudio® MS32 seamless cyc background. Although the light stand is fairly stable on its own, you can further stabilize it by placing additional weight on the foot to stabilize the crossbar (used books, weights, etc.), or screw it to a stable surface using the two holes in either foot for a more permanent setup.

10. Assembling the bounce card with easel back: Position each bounce card horizontally with the long side on the bottom. Using a tape measure and a straight edge, draw a line 10" in from each side of the bounce card from top to bottom (do this on the back). Bend the easel back along the stressed lines and lock the folds into place. Remove the double stick tape protecting paper and attach the easel back to the bounce card on the line you have just drawn. (Fig. 18)

11. Positioning bounce cards: Place one bounce card on each side of the table next to your MyStudio® MS32 cyc background with the flat sides facing inward. These can be positioned as needed during shooting to reflect light onto your subject.

12. Turn on the lights: Depending where your power outlets are, run the lamp cords from the center of the light assembly across the top of one of the bulbs and down the leg on the side where your power outlet is located. You may tape the cords to the leg if desired. Next, plug the lamps in and turn them on. (Note: the first time the new bulbs are turned on they may flicker for the first ten minutes).

Maintenance of your MyStudio®: Wipe away any dust before using your MyStudio®. For best results we also recommend that you clean the entire surface of the cyclorama with Soft Scrub Cleanser®, which in addition to cleaning the surface will also serve to remove any surface sheen and leave a nice flat texture. When you need to clean the surface, use a damp cloth or a mild liquid cleaner such as Fantastic® or 409®, or you can also use Soft Scrub® on a regular basis. For especially difficult spots, 400 grit sandpaper may also be used on the surface.



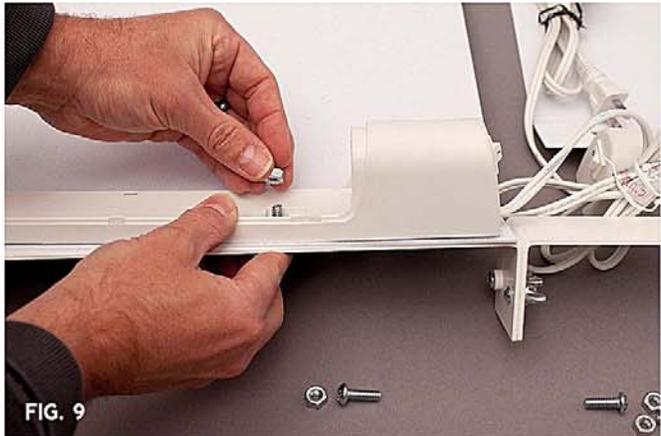




FIG. 17

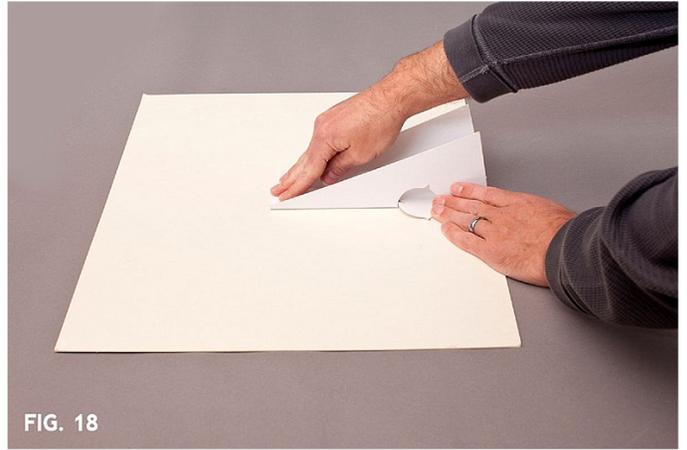


FIG. 18

The photos BELOW show the MS32 completely set up from different angles, and in-use in the basic configuration. Different types of products may call for you to adjust the position of the light, bounce cards, camera angle, etc...

Please see the separate “Camera Tips & Settings” document for suggestions on how to get the most from your MyStudio® MS32 and experiment on your own to see what works best for you and your products.

