Pro Cyc® PC160 Portable Green Screen
Setup Instructions

MISSION STATEMENT

Pro Cyc®, Inc. is the world leader in design and sales of modular cycloramas and green screen systems. Our mission is to work closely and ethically with our suppliers, employees and strategic partners in a concerted effort to provide our customers with the highest-quality, cost-effective, custom solutions that will meet or exceed any technical requirements for the broadcast-video, motion-picture or photography industries.

PC160 Assembly Instructions

Take care when unpacking your Pro Cyc® Portable Green Screen to avoid scratching, bending or damaging the surface of the green material.

Your contents include: (Fig. 1)

- 2 each: 80" wide x 24' long strips of Pro Matte® IV
- 1 each: Roll of no-residue double-face tape
- 2 each: 80" long, white, two-part Pro Matte® IV background support crossbars; Consists of:
    - 2 each: 80" long, white crossbar bottom part w/ rubber stripping
    - 2 each: 40" long, white crossbar top
    - 1 each: 80" long, white crossbar top
- 30 thumb screws
- 3 each: American Grip Stands
- 6 each: 1/2" flat washers
- 3 each: 1/2"-13 hex nuts

Note: The PC160 MUST be placed on a clean, flat, hard surface (e.g. wood or concrete). The PC160 is not meant to be used on carpet of any kind. Debris left under the Pro Matte® IV material may cause defects in the surface of the flooring.
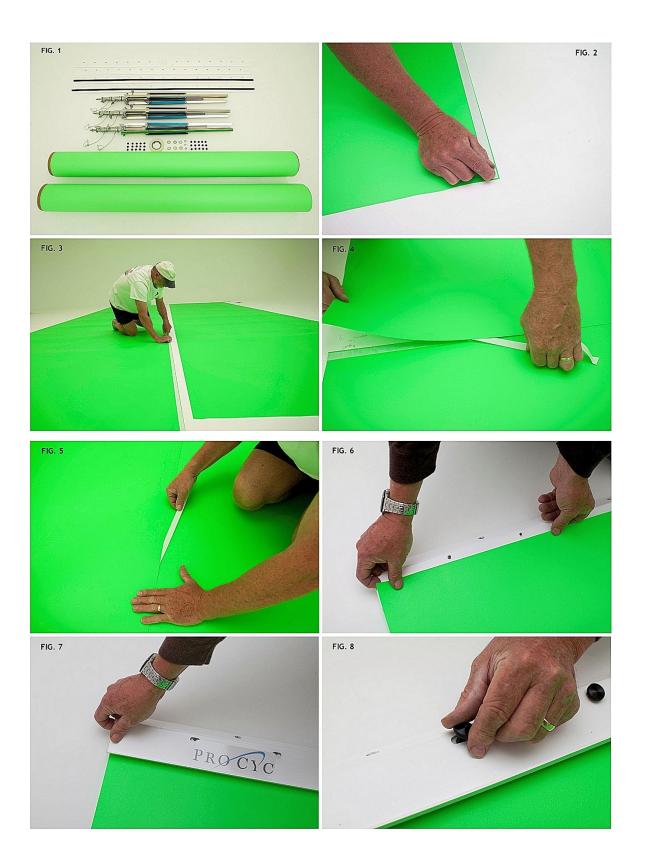
1. **Opening the Stands:** Open and secure three American Grip stands.

2. **Positioning the Stands:** Place all three American Grip stands in the desired final position in your studio; raise each to a desirable working height (once the green material has been attached to the stands you will then raise it to the final working height). Use the drilled safety holes on each stand as a reference point to make sure all three stands are at equal height (Fig. 12).

3. **Getting Pro Matte® IV Ready:*** Position both strips of Pro Matte® IV side by side with the textured side up and with the head of each strip in approximate position for lifting to top of American Grip stands.
    Note: Do not bend or fold Pro Matte® IV during handling

4. **Squaring the Top:** Use scissors or straight edge to square the top end of each strip of Pro Matte® IV.

5. **Applying the Double-face Tape:** Adhere no-residue double-face tape along the inside edge of the textured side of one of the strips of Pro Matte® IV with the tape facing up. Leave the paper backing on the tape (Figs. 2, 3).

6. Overlapping the Seam: Lay the piece of Pro Matte® IV that is without tape on top of the piece of Pro Matte® IV with the tape facing up (do not peel the backing off yet). Make sure that the top piece does not overlap the tape by more than 1/8 inch all the way down the seam, being careful to keep the pieces square to each other. The textured side should be facing up on both strips of Pro Matte® IV.

7. Joining the Pro Matte® pieces together: At the top end where the pieces of Pro Matte® meet, lift the top layer back slightly and begin to peel off the first 6-12" of paper backing on tape (Fig. 4). Pull paper backing down and away from the seam and trail behind with your hand by about 12" rubbing the over the seam to promote tape adhesion (Fig. 5). Once the paper backing is completely removed from the no-residue double-face tape, rub over the entire length of the tape seam one more time.

8. Putting the Pro Matte® on the Background Support Crossbar: At the head of the Pro Matte® IV, lay the two 80" white crossbar bottom pieces (with rubber stripping) end-to-end, with threaded inserts toward the floor and *away* from the Pro Matte® IV. Carefully lay the joined pieces of Pro Matte® IV on top of the spongy rubber stripping material on the bottom crossbars, leaving just the holes exposed for thumbscrews (Fig. 6).

Place one 40" white crossbar top over the bottom crossbar on either the right or the left side so that the Pro Matte® IV is between the top and bottom crossbars, being careful to line up the holes. Next, place the 80" crossbar top right next to the end of the 40" crossbar top, then place the remaining 40" crossbar top next to that. All holes should line up at this time (Fig. 7).

Loosely secure crossbar top to the crossbar bottom using the thumbscrews (Fig. 8). Do not tighten yet; the Pro Matte® IV should still be able to move between the crossbars.

9. Tighten Thumb Screws: Gently push Pro Matte® IV between the top and bottom crossbar pieces against the thumbscrews to make sure that they are straight and aligned across the entire length of the crossbar. Tighten all thumbscrews to secure the Pro Matte® IV. Finger tight should be enough.

10. Placing the Crossbars on the Stands: Place one 1/2" flat washers over the threaded fitting at the top of each light stand. Using two or three people, lift Pro Matte® IV assembly up onto studs on top of American Grip stands, placing one stand at each end and one at the middle of the crossbar (Fig 9). Place the remaining 1/2" flat washers over the top of the crossbar on each threaded fitting and finger-tighten the 1/2"-13 hex nuts over the washers onto the stands (Fig. 10).

11. Raising the Stands: Using at least one person on each stand, grip the stands firmly with both hands, loosen the handle and raise each stand simultaneously until they are at the desired final height (Fig. 11). Use the drilled safety holes as a reference point to make sure all three stands are at equal height. Once desired height has been confirmed on all stands, tighten securely with the handle, then insert the cable secured cotter pins on each stand in the safety hole closest to and just above the handle, then lock with the wire clip (Fig. 12).

12. Creating the Sweep Radius: At the leading edge on the floor, pull the Pro Matte® IV forward until a gentle radius is created at the transition between vertical and horizontal. Once you are satisfied with the sweep to the floor and alignment of the Pro Matte® IV, weight it down with sandbags or with double stick tape on the underside of the material. (See final photo of completed setup)

FIG. 1

FIG. 2

FIG. 3

FIG. 4

FIG. 5

FIG. 6

FIG. 7

PRO CYC

FIG. 8

FIG. 9

FIG. 10

FIG. 11

FIG. 12

QR Code for Instructional Video: