

# **Pro Cyc® PC80 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.

## **PC80 Setup 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)**

- 1 each: 80" wide x 24' long strip of Pro Matte® IV
- 1 each: 80" long, white, two-part Pro Matte® IV background support crossbar; including:
  - 1 each: 80" long, white crossbar bottom part w/ rubber stripping
  - 1 each: 80" long, white crossbar top
- 15 thumb screws
- 2 each: American Grip Stands
- 4 each: 1/2" flat washers
- 2 each: 1/2"-13 hex nuts

*\*Note: The PC80 MUST be placed on a clean, flat, hard surface (e.g. wood or concrete). The PC80 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 two American Grip stands.
- 2. Positioning the Stands:** Place both 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 both stands are at equal height (Fig. 8).
- 3. Getting Pro Matte® IV Ready:**\* Carefully unroll and position the strip of Pro Matte® IV with the textured side up and with the head of the 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 Pro Matte® IV.
- 5. Putting the Pro Matte® on the Background Support Crossbar:** At the head of the Pro Matte® IV, lay the 80" white crossbar bottom piece (with rubber stripping) with threaded inserts toward the floor and *away* from the Pro Matte® IV. Carefully lay the top end of Pro Matte® IV on top of the spongy rubber stripping material on the bottom crossbar, leaving just the holes exposed for thumbscrews (Fig. 2).

Place the 80" white crossbar top over the bottom crossbar so that the Pro Matte® IV is between the top and bottom crossbars, being careful to line up the holes. All holes should line up at this time (Fig. 3).

Loosely secure crossbar top to the crossbar bottom using the thumbscrews (Fig. 4). Do not tighten yet; the Pro Matte® IV should still be able to move between the crossbars.

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

**7. Placing the Crossbar on the Stands:** Place one 1/2" flat washer over the threaded fitting at the top of each light stand. Using two people, lift Pro Matte® IV assembly up onto studs on top of American Grip stands, placing one stand at each end (Fig 5). 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. 6).

**8. Raising the Stands:** Using 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. 7). Use the drilled safety holes as a reference point to make sure both stands are at equal height. Once desired height has been confirmed on both 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. 8).

**9. 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

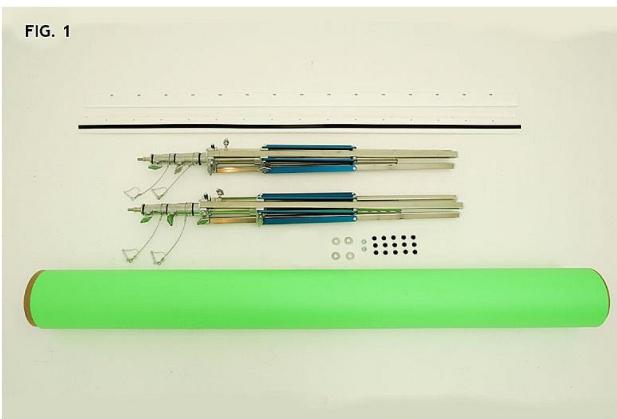


FIG. 2



FIG. 3



FIG. 4





FIG. 5



FIG. 6



FIG. 7



FIG. 8

