

# **Mocom Concave Screen Assembly / Installation Guide**

*Please read rules and instruction carefully.*

## **Caution**

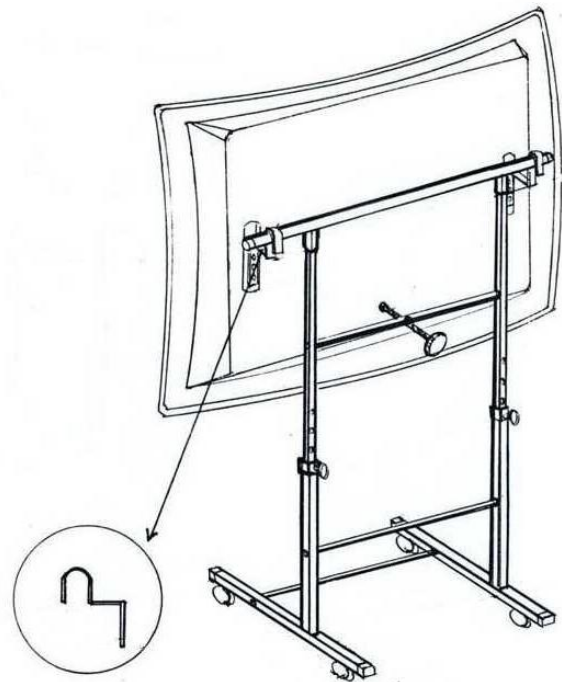
The following information should be thoroughly understood before attempting to being assembling the product.

1. Please check all components (Bolts, nuts, washers, brackets and the screen)
2. Select a proper area (indoor) for assembly.
3. Remove items from your top pocket in case they fall out onto the screen surface.
4. The plastic wrapping sleeve should be removed by sliding it off. You will need to take the screen out of the box. Do not cut or tear the plastic cover. Lift one end of the screen and slide off. The screen can be placed vertically on one end to facilitate this.
5. Note there are side handles. Please use them to ensure the screens are handled correctly.
6. While assembling, lean screen surface on the wall in a safe area to prevent from possible damage.
7. Do not touch the screen surface with hard objects.
8. Do not use any alcohol-based or water-based cleaner.
9. When cleaning is needed, wipe any dust from the screen surface with static-free cloth or brush.
10. Cover the screen when it is not in use.
11. Place the screen back in the carton face down
12. The caster lock wheels must to be in locked location when stationery or when alignment.
13. Never re-locate screen together with stands always disassemble screen.

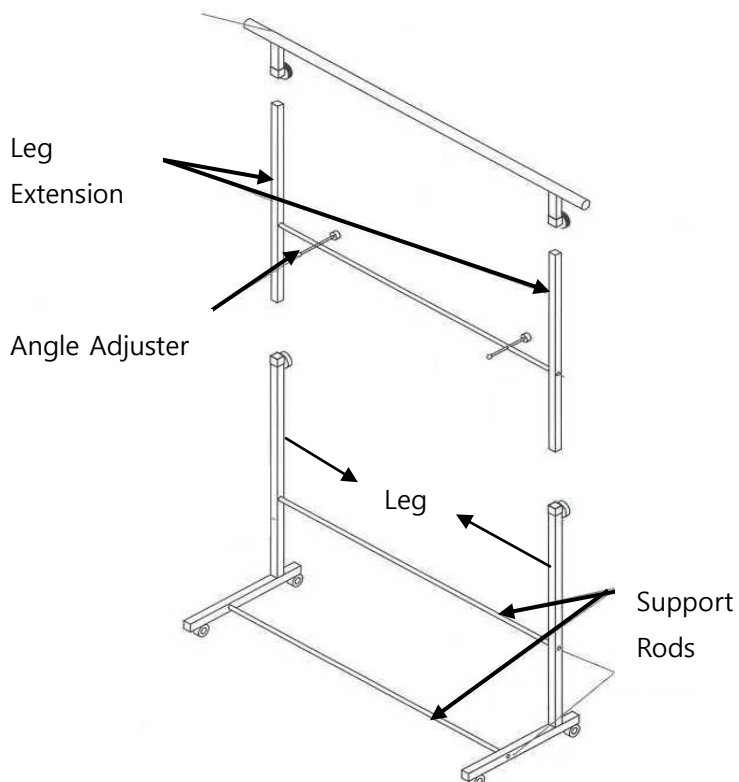
In you have any questions regarding the proper assembly, contact your dealer or representatives.

## How to assemble the floor stand

1. Attach the 2 hooks on the back side of the screen, using the wing nuts that come on the screen.



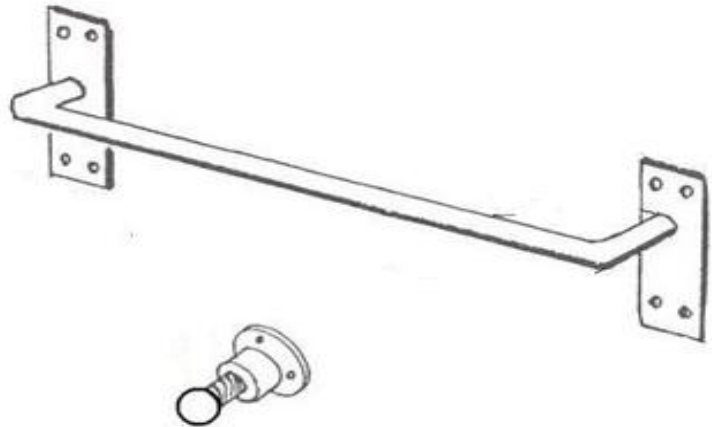
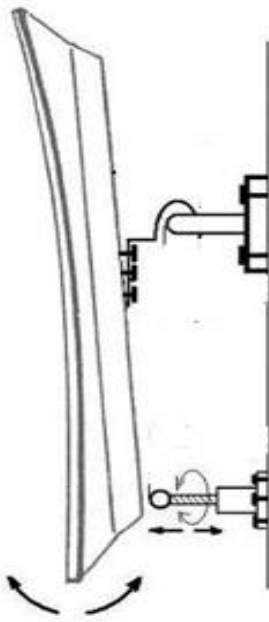
2. Assemble the screen components, using the 6 bolts provided. Note that the larger holes face the inside of the frame (for the support rods) and the smaller holes face the outside (for the bolts)



3. Adjust height of the Leg Extensions appropriately for the situation.

4. Tighten the chrome clamp knobs to hold the Leg Extension at the proper height.

## ***How to assemble The wall bracket***



- A. Hanger - 1 pc
- B. Screen angle adjuster - 1 or 2 pcs
- C. Hooks - 2 pcs
- D. Screw and the butterfly nut

1. Open the screen box, and carefully place the screen face down (with the protective cloth cover still on). Attach the two hooks on the back side of the screen.
2. Find the proper position to install the hanger on the wall, and fasten with fasteners suitable for the purpose. (Normally 6 feet from the ground is recommended.) The hanger is set at 6 inches higher than the horizontal axis of the screen.
3. Set the angle adjuster at 20-30 inches below the hanger.

# Screen Angle Adjustment

Mocom Power concave screen is a precision product which requires proper screen set up procedures for maximum brightness. For the first few times we suggest that you position yourself at the prime viewing audience position to ensure that the angle is set to the brightest position. If the screen angle is not set correctly a substantial amount of image brightness will be lost. Finish adjusting the zoom, focus and keystone alignment of the projector.

## *Points to note*

1. It is preferable that you do not have a large window directly opposite the screen. Because the screen will not be able to distinguish between two light sources (the projector's light and the light from the window) and will reflect them both. The off-axis ambient light rejection of these screens is astonishingly high. This is a particularly important factor in ceiling mounting projector installations. However, in a table top mode you will have far greater success when the open window is behind the projector. These comments are provided as a guide only and onsite conditions will dictate final result and should be evaluated each time.
2. Having lights directly above the screen will have no major negative impact on the image brightness.

## *Standard procedure*

- 1) Select a projector with appropriate brightness performance
- 2) Select a position of the screen
- 3) Calibrate the distance between the screen and the projector
- 4) Secure space for adjusting up and down angles of the screen

## Screen Alignment

Have your assistant stand at the audience position with a blue image or any image being projected on the screen for testing. Loosen the left hand black knob; hold the side handle and tilt the screen slowly right back and then forward tilt to maximum position.

You may need to do this a few times so your assistance becomes familiar with the change in brightness as the screen travels through the arc swivel positions. As you tilt the screen there will be a perfect position where maximum brightness is perceived. If you are demonstrating the screen in a standup position your assistant should be standing upright at the intended viewing position. If your clients are going to be sitting down then you should be at the eye height they would be sitting at. When your assistant confirms the brightest angle, tilt the screen forward a fraction if the projector is in table top position or backward if in ceiling mode. At this point tighten the black knob. The additional fractional adjustment is to compensate for the weight of the screen as you transfer the support from you holding it to the locking knob.

