

## TWO EYES

### MAINTENANCE INSTRUCTIONS

#### GENERAL INFORMATION:

Two Eyes consists of two plastic spheres, two light sources and a cable assembly to move the light sources. Two lighted panels in front of the eyes have large illuminated letters. One contains an F and the other a P. Images of the F and P form on the back (retinas) of the eyeballs. Visitors can observe how these images are upside-down and different sizes and distances apart in each eye. Placement of these images on the retina is one of the clues the brain uses to determine depth. You can move the letters and see how these movements affect the placement of the images on the eyeballs.

#### General Cleaning:

The fronts of the light sources and the spheres are acrylic and should be cleaned with a plastic cleaner and a soft wipe that will not leave scratches, (we suggest Wipe-All™). (Note: Do not use alcohol on acrylic graphic panels, or covers.). The rest of the exhibit may be cleaned with soap and water.

#### Bulb replacement:

To change a light bulb, remove the screw from the post at the top rear of the light source, remove the post and swing the door open.

#### Access cable assembly:

Access to the drive assembly is by removing the table bottom. The drive consists of a V-belt around a pulley (which is turned with the knob) which is connected to steel cable. It is very important that the entire drive assembly remains at the same distance from the bottom of the table, so the two letter don't scrape the top of the table. If the operation of the letters becomes rough, wipe the rails clean with a rag and mild cleaner. Then, apply a light coat of grease to the rails.

Adjust cable tension:

If the knob does not operate the position of the 2 letters, the cable tension might need adjusting. Access to the drive assembly and check that the cable is on each of the 6 pulleys. Adjust the cable tension with the eyebolt connecting the spring to the drive frame. The eyebolt-mounting bracket has 2 mounting holes for different positions.