

CORNER REFLECTOR

MAINTENANCE INSTRUCTIONS

GENERAL INFORMATION:

Corner Reflector consists of three front surface mirrors mounted at right angles to each other on a fixture that is glued to a second surface mirror. There is also an ordinary house key mounted on a little post in one corner. When the exhibit is perfectly adjusted, one's eye will appear at the intersection of all three mirrors. The mirrors may be adjusted using the set screws and the button head screws on the back of the mirrors; the screws work in opposition to each other. (Set screws push out while button heads pull in.)

General Cleaning:

The front surface mirrors are SiO coated, and may be cleaned with high quality glass cleaner (Windex™) and a soft wipe. Clean only the areas that need cleaning and **do not rub hard**. The finished surfaces of the exhibit may be cleaned with a mild soap solution or general purpose cleaner. The Plexiglas graphic panels should be cleaned with a plexi cleaner and a soft wipe that will not leave scratches, (we suggest Wype-All™).

Mirror Replacement:

Should it become necessary to replace one of the first surface mirrors, only the panel holding that mirror needs to be removed. After removing the panel, take a thin wire and pull it back and forth between the mirror and the metal backing, cutting through the silicone sealant that holds the mirror to the panel. The new mirror is mounted by applying a thin coat of silicone sealant to the metal and pressing the mirror on it. Allow to dry for a couple of hours before reassembly. The entire fixture may be removed from the second surface mirror in the same fashion.

If the replacement mirrors are smaller than the panels, slide the mirrors against the inside (toward the corner) edge of the panels so that there is no gap in the corner.

Use only silicone sealant: do not use any other type of glue or it may become necessary to chisel the mirrors from the plate during replacement.

Replacement mirrors may be covered with a protective film on the front surface. To remove the film, put a piece of tape on the film and use the tape to pull the film from the glass. If the film does not come off in one piece, repeat the process several times.