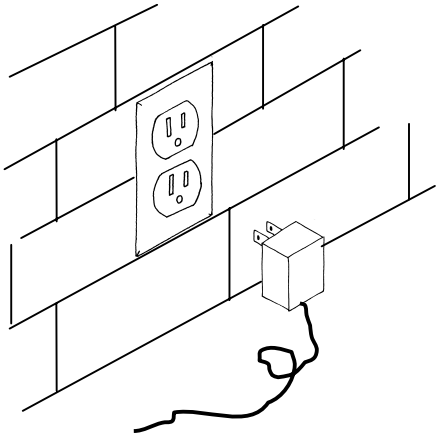
3 INSTALLING THE POWER CABLE ASSEMBLY

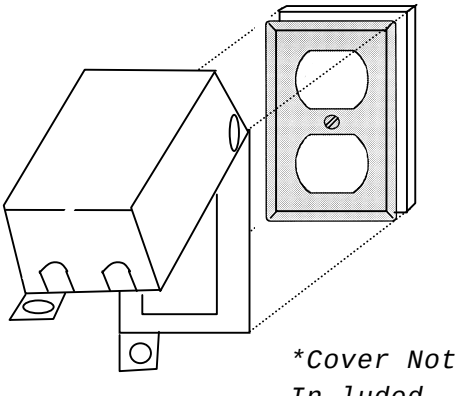
The system is supplied with a Power Cable Assembly, equipped with a 50 foot (15 meters) long, low-voltage power cable. The end of the cable has a factory-installed plug that mates with a socket in the Transceiver.

The Transformer must be plugged into a standard 120-volt receptacle. It is best if this receptacle is *not* controlled by a switch. If it is controlled by a switch, consideration should be given to marking the switch to indicate that the Prevent system is controlled by that switch; or, a qualified electrician can remove the switch



1. DO ***NOT*** PLUG THE TRANSFORMER INTO THE WALL RECEPTACLE AT THIS TIME.

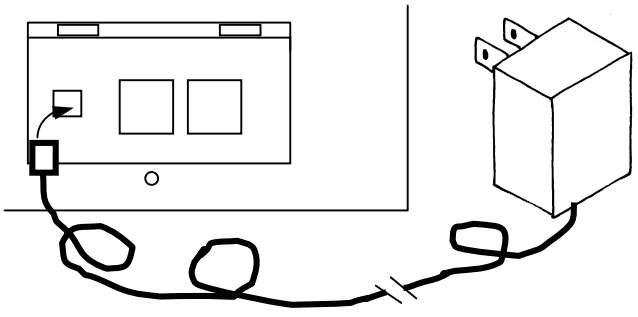
2. Starting at the receptacle end, route the cable toward the Transceiver. The cable may be buried in the ground, routed along the edge of decking or fastened to woodwork using insulated staples or non-metallic fasteners. Route the cable so that it is out of the way, and does not create a tripping hazard. Excess cable may be formed into a knotted loop at the Transformer.



*Cover Not Included

3. If the selected receptacle is located outdoors where it may be subjected to direct rain, a weatherproof cover, such as the one shown at the right, is recommended. These covers are available at hardware and home improvement stores.

4. At the rear of the Transceiver, insert the power plug on the end of the power cable assembly into the mating socket on the left side of the panel. Do not force the plug into the socket – it will fit only one way. If it fails to snap into place, rotate the plug, and try again.

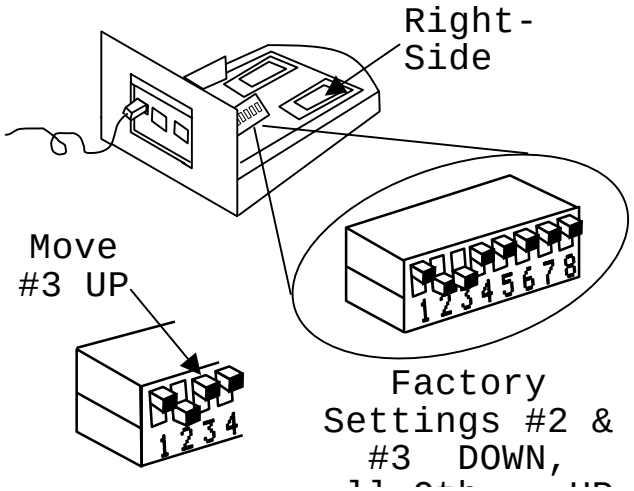


NOTE: *Because the Power Cable Assembly is not plugged into the wall outlet at this time, nothing will happen when the power plug is inserted into the Transceiver. This is normal.*

4 SELECTING THE OPERATING MODE

If the system configuration requires only one beam path, one of the two lasers in the Transceiver may be turned OFF. The RIGHT-SIDE laser (when viewed from the rear of the Transceiver) is controlled by switch #3 on the DIP switch located inside of the Transceiver.

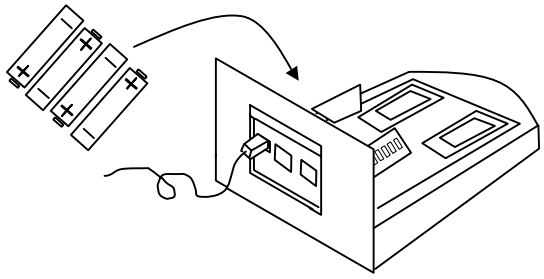
1. To turn the right-side laser OFF, move the #3 switch handle UPWARD. All of the other switches should remain in their factory settings, as shown at the right.



5 INSTALLING THE BATTERIES AND APPLYING ELECTRIC POWER

PLEASE NOTE:
IN THE NEXT STEPS BATTERIES WILL BE INSTALLED AND THE POWER CABLE ASSEMBLY WILL BE PLUGGED INTO ITS ELECTRICAL OUTLET. ELECTRIC POWER WILL BE APPLIED TO THE TRANSCEIVER, AND THE LASER BEAMS WILL BE ACTIVATED. THIS WILL CREATE BEAMS OF BRILLIANT RED LIGHT EMERGING FROM THE FRONT OF THE TRANSCEIVER. A BRIGHT RED “LASER DOT” CAN BE SEEN ON ANY SURFACE OR OBJECT THAT THE BEAM STRIKES. DURING THE INSTALLATION AND SETUP PHASE THE LASER BEAMS WILL BE ON CONTINUOUSLY. ***DO NOT ALLOW THE BEAM TO REACH THE EYES OF ANY HUMANS OR PETS.*** IF THE LASER DOT CANNOT BE SEEN ON ANY NEARBY OBJECT, HOLD A PIECE OF WHITE PAPER IN FRONT OF EACH LASER TRANSMITTER TO DETERMINE THE BEAM PATH. THE BEAMS MAY BE TURNED OFF ONLY BY UNPLUGGING THE POWER CABLE FROM THE OUTLET, AND REMOVING THE BATTERIES FROM THE TRANSCEIVER.

1. Install the four “AAA” size batteries into the battery holder inside of the Transceiver. Note the polarity markings on the holder, and install the batteries accordingly.

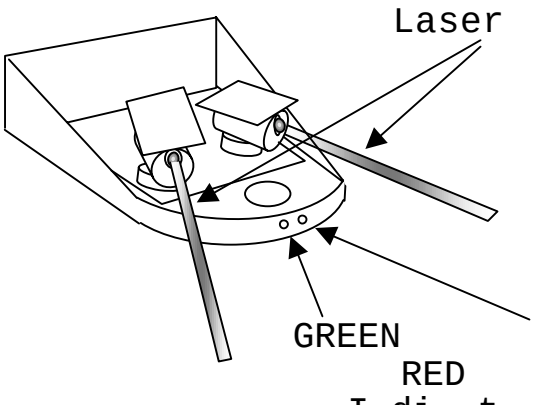


2. **AT THIS POINT, PLUG THE POWER CABLE ASSEMBLY INTO THE ELECTRICAL OUTLET.**

The lasers have been energized.

The GREEN indicator light is FLASHING, indicating the system is in the Installation/Set-Up Mode. In this Mode the laser beams will stay ON for beam path alignment purposes, and the alarm will NOT sound when the beam path is broken.

The RED indicator light is OFF. This is the battery condition indicator. When the Red indicator turns ON, it indicates that the four batteries in the Transceiver need replacing.



6

INSTALLING MIRRORS AND REFLECTORS

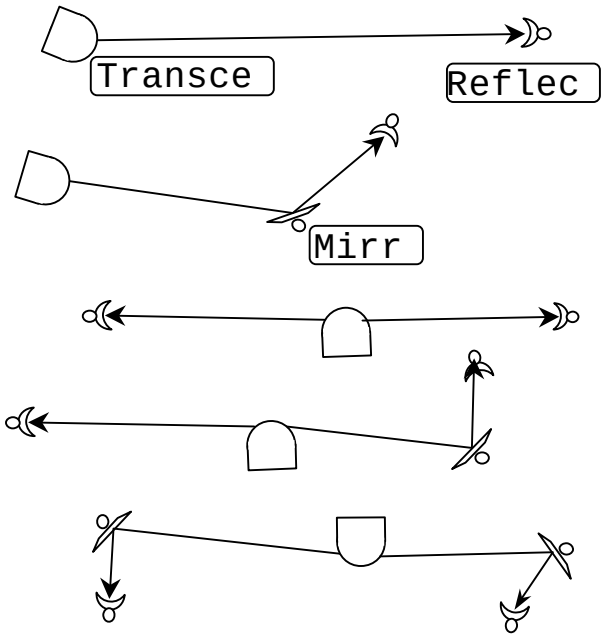
The first step in mounting the Mirrors and Reflectors is to determine the location for each unit. It may be helpful to review the Typical Installation diagrams on pages 4 and 5, and the Installation Considerations on pages 6 and 7.

Keep in mind the most important feature of a laser beam system – the beam travels in a perfectly straight line called the beam path, and nothing can be allowed to interfere. There can be no plants, buildings, furniture or toys in the beam path.

The primary goal at this point is to place the Mirrors and Reflectors so that the laser beam travels unimpeded from the Transceiver, along the beam path until it gets to a Reflector.

Each beam path must begin at the Transceiver and end at a Reflector.

If it is necessary to “bend” the beam path around a corner, or to jog around an obstacle, a Mirror may be installed in the beam path.



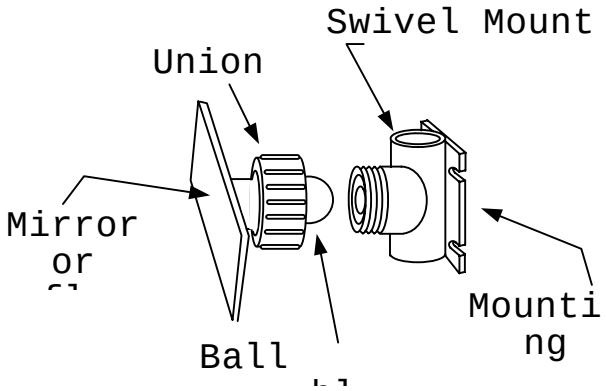
THE VERSATILE SWIVEL MOUNT

The Swivel Mount was designed to make the installation of Mirrors and Reflectors as simple as possible.

The Fitting consists of two sections: the Swivel Mount, and the Ball Assembly which is attached to the back of the Mirrors and Reflectors.

The Swivel Mount can be attached to a Mirror/ Reflector Mounting Post, wall, fence or pillar by means of its Mounting Flange.

The Ball Assembly allows the attachment and adjustment, of either a Mirror or a Reflector.

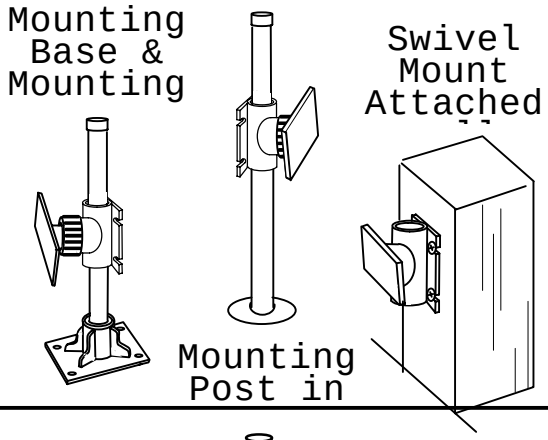


INSTALLATION OPTIONS

Like the Transceiver installed earlier, Mirrors and Reflectors may be mounted onto the pool deck, patio surface, or to some other solid surface using the Mirror/Reflector Mounting Bases and the Mirror/Reflector Mounting Posts supplied.

Or, these Mounting Posts may be set in concrete directly into holes in the ground.

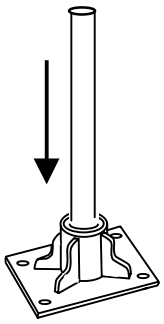
As a third option, the Mirror/Reflector Mounting may be installed directly onto a wall, fence or pillar by using the supplied epoxy or purchased hardware applied to the mounting flange.



6A

PREPARING TO MOUNT WITH A MOUNTING BASE

1. Press a Mounting Post firmly into the socket of a Mounting Base. The supplied epoxy glue should be used for a permanent connection. Repeat this for each Mirror/Reflector that requires a Mounting Base. DO NOT CUT THEM TO LENGTH, AND DO NOT FASTEN THEM IN PLACE AT THIS TIME.
2. Set each Mounting Base and Post in the approximate location that you have selected for each Post-mounted unit.



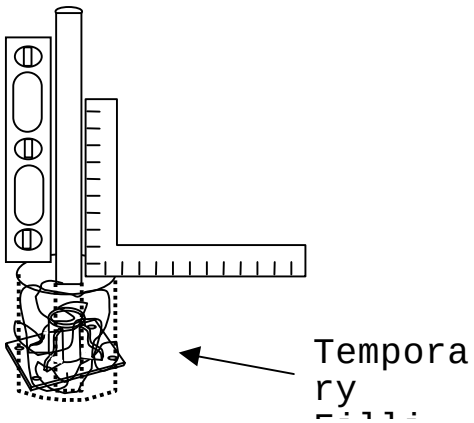
6B

PREPARING TO MOUNT INTO A HOLE

Mirrors and Reflectors may be installed directly on a Mounting Post Installed in a hole in the ground. Insert the Mirror/Reflector Mounting Post into the hole and applying concrete to hold the Post in an upright, vertical position.

The installation procedure is similar to the installation of the Transceiver Mounting Post described on page 10, with two significant differences:

1. The Posts ***are not cut*** to length until after initial alignment of the system.
2. To allow for easy system alignment, ***the concrete should not be added*** to the holes until the alignment is completed. The Mounting Posts should be held in a vertical and plumb position by packing some temporary filling into the hole, around the Post. Crumpled newspaper, crushed cardboard, or rocks work well for this purpose.



6C

PREPARING TO MOUNT TO A WALL

Preparing to mount Mirrors and Reflectors to a wall, fence or other vertical surface is simply a matter of determining where the Swivel Mount will be installed; and what type of fasteners or adhesive will be used.

Hold the Swivel Mount against the proposed mounting surface to determine how the mounting holes can be used to accomplish the installation. When this has been done, set the Swivel Mount down close to its final installation point, and proceed to the next step.