

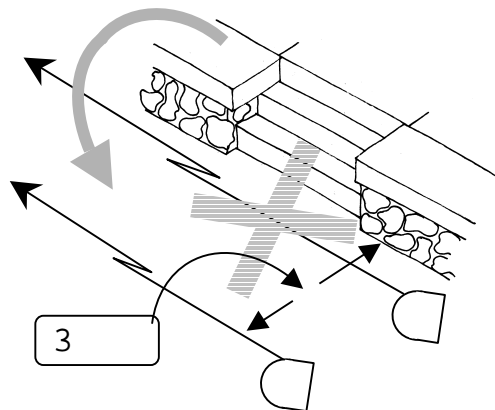
CONSIDERATIONS

PICTURE THE FROLICKING CHILD

Pay particular attention to low walls, benches, stairways and similar climbable places when selecting the beam path. If the beam path is established too close to structures such as these, a child may jump over the laser beam, defeating the system.

Keep the beam an adequate distance away from such areas if possible. The objective is to prevent the child from jumping over the beam.

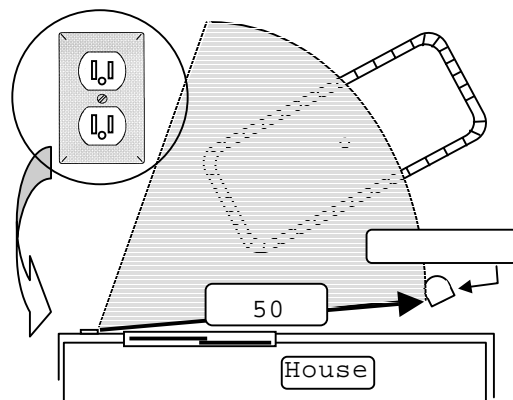
Supplementary fences may have to be erected atop such structures to assure the maximum in protection if the adequate distance cannot be achieved.



A STANDARD 120 VOLT RECEPTACLE IS REQUIRED

Electric power for the Prevent system is obtained from a step-down transformer that converts regular 120 volt household current to 12 volts. The Transformer plugs directly into a standard receptacle as shown at the right.

The transformer is equipped with a 50 foot (15 meter) power cord for connection to the Transceiver. *This cord length must be considered when selecting a mounting location for the Transceiver.* The cord may be protected by attaching it to a building, suspending from an overhead trellis, awning or sun screen; or it may be run underground.

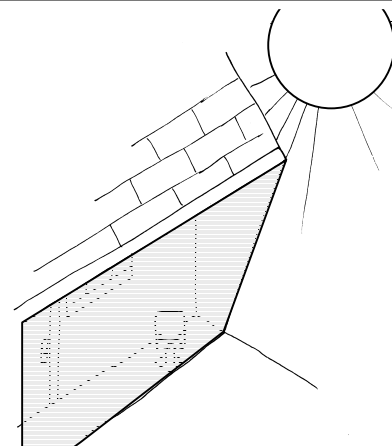


THE TRANSCIEVER PREFERS A SHADY SPOT

The Prevent Transceiver was designed and tested to provide years of service in virtually all outdoor climatic conditions. However, because the system depends upon *light* from its lasers to function, it is not desirable to allow the intense *light* from the sun to shine directly into the Transceiver.

To assure that the system performs in the manner intended, it is recommended that the Transceiver *not* be mounted where it will be exposed to direct sunlight.

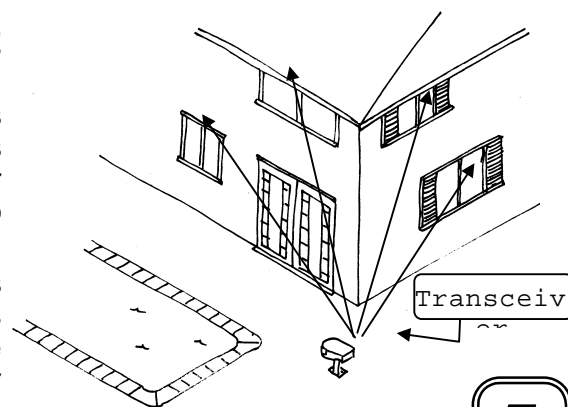
Installation under a shady roof overhang, or where it is protected by trees or shrubs, eliminating direct sunlight, will provide a highly desirable added margin of security.



PLAN AHEAD, IF THE OPTIONAL INDOOR ALARM IS TO BE INSTALLED

An optional Indoor Alarm can be linked to the Transceiver through its own data-link laser beam. This beam, just like the two beams transmitted by the Transceiver, travels in a straight line. The Indoor Alarm may be mounted in any window that has direct visual access to the Transceiver.

When planning the installation, it is recommended that this visual access be confirmed by going into the house and actually looking out of various windows to assure that an unobstructed view of the transceiver will be available upon completion of the installation. The Indoor Alarm receiver sounds an indoor audible alarm



TOOLS/MATERIALS REQUIRED

Required for ALL installation Methods

- Pencil or Marker
- Saw
- Builder's Level
- Square
- Phillips Screwdriver

- Weatherproof Receptacle Cover (optional)

Depending in Installation Method

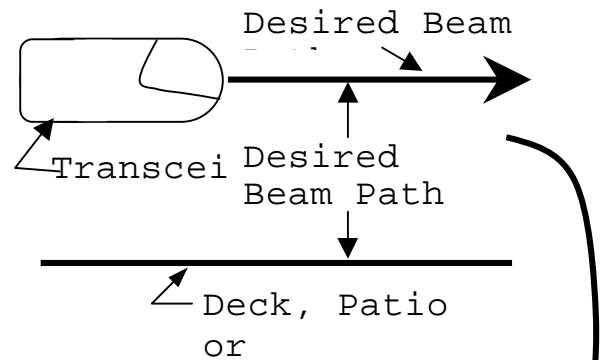
- Stack of bricks cardboard box (Methods 1A, 1B)
- Masking Tape (1B & 6B)
- 1-1/2" PVC elbow (1C)
- Can gray spray paint (1C)
- Mounting screws and inserts (1C)
- Sack of pre-mix concrete (1B & 6B)
- Wheel-barrel for mixing concrete (1B & 6B)
- Crumpled cardboard or rocks (1B & 6B)
- Trowel or gardening shovel (1B & 6B)

1 Mounting the Transceiver Select type of mount A, B, or C

1A INSTALLING THE TRANSCEIVER MOUNTING POST TO THE POOL DECK OR OTHER SOLID, HORIZONTAL SURFACE

After selecting the location for mounting the Transceiver and determining the ideal beam path, proceed as follows:

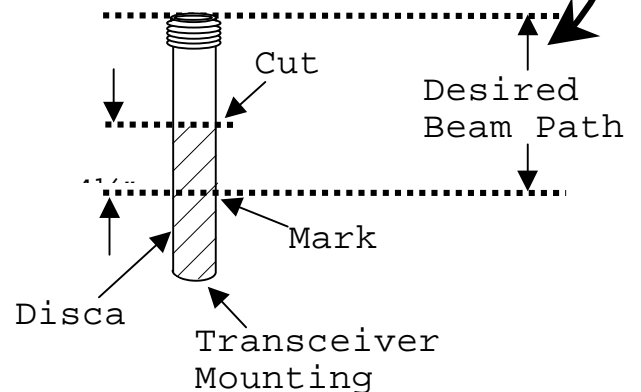
1. Determine the desired height of the beam path above the mounting surface of the deck or patio by measuring the distance from the center of the front face of the Transceiver downward to the mounting surface. This is accomplished most easily by having an assistant hold the Transceiver in position while the measurement is being taken, or by propping the Transceiver on a temporary stand such as a cardboard box, a stack of bricks, or similar structure.



2. Transfer the measurement taken in Step 1, above, to the Transceiver Mounting Post, which is the larger Post, with a threaded coupling bonded onto one end. Start the measurement from the threaded end and place a mark on the Mounting Post at the correct point.

3. Make a second mark on the Mounting Post at a point 4½ inches (11.4 cm) from the first mark, toward the threaded end of the Post.

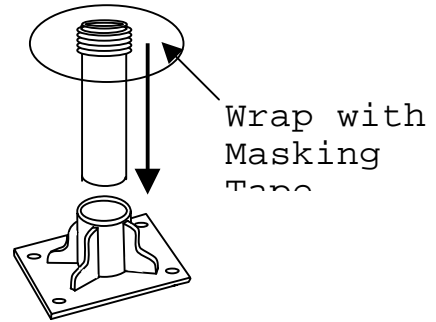
4. Cut the Mounting Post at this second mark using a hacksaw or fine-toothed wood saw. Try to make the cut square, with no jagged or broken edges.



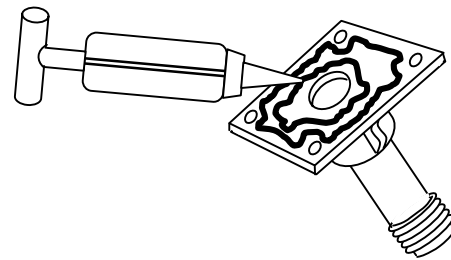
Should you need additional length, the material used for the mounting posts is 1-1/2" schedule 80 PVC pipe available in hardware or home improvement stores.



5. Press the Mounting Post into the large hole in the Mounting Base, making sure there is a very tight fit. A small amount of epoxy (provided) should be used for a more secure fit. Protect the threads of connector with masking tape.



6. Remove the cap from the epoxy and twist a new, mixing nozzle into place on the end. Insert the Thum Plunger. (The amount of adhesive included will bond all bases and posts required.) Please read the safety precautions included in with the epoxy.



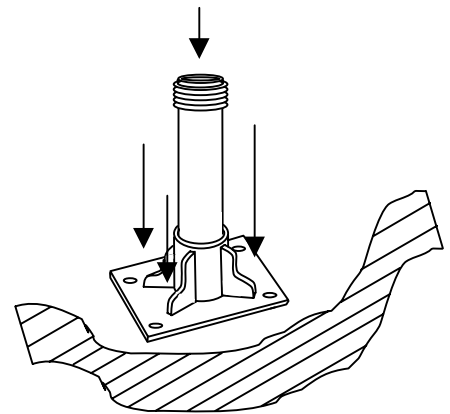
7. Press the Thum plunger to squeeze out an appropriate amount of epoxy onto the bottom of the Mounting Base.



8. Clean and dry the surface on which the Mounting Base is to be attached to. Remove any dirt and debris.



9. Press the Mounting Base firmly against the mounting surface. Depending upon the local temperature, the epoxy will dry in approximately 15 minutes. DO NOT attempt to install the Transceiver to the Mounting Post before this epoxy has set up.



If mounting to deck, skip items 1-B and 1-C and move to Step 2



1B INSTALLING THE TRANSCEIVER MOUNTING POST INTO A HOLE IN THE GROUND.

The Transceiver may be mounted directly into the earth by inserting the Transceiver Mounting Post into a hole and applying concrete to hold the Transceiver Mounting Post in an upright, vertical position. Proceed as follows:



1. In earth, dig a hole 8" (** cm) in diameter and 12" (** cm) deep.

