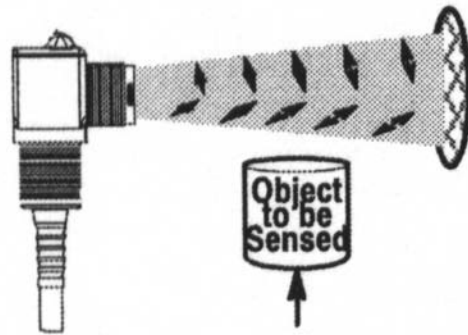


## Setup of Infrared Stop Switch

The Photoswitch Stop switch system consists of two parts, the Sensor Itself and a polarized reflector as shown in the picture below. The sensor mounts through an 18mm hole either on the bottom or the side. The sensor and the reflector can be mounted up to 10 feet apart. The easiest method is using a small sign-post such as those used on street signs with an 18mm hole drilled into it at a height of the radius of your bike tire so that the timer will stop as soon as you reach the sensor with the leading edge of your tire. The reflector should be mounted at the opposite side of the path at the same height. Alignment of the sensor to the reflector is done using the LED lights on the sensor. Plug the timer into the 5-pin DIN plug on your Gate Control unit. Plug the Photoswitch sensor into the timer. Turn on the power. At this point a green light should light on the sensor. When the reflector and the Sensor are lined up properly an orange and a yellow light should light up on top. Move the sensor or the reflector around until the yellow and the orange light turn on, and the green light goes off. A dimmer light reflecting off of the reflector plate if you want to line the unit up by sight. It will be easier to line up if you tie a string to the screw holding the Reflector and run it to the location of the Sensor so that you have a line-of sight guide. Be sure to pull the string tight for this.



Once the unit is lined up and the yellow and orange lights are lit you are ready to roll. To test that the unit is working properly, break the beam with your hand and the Green light should come on. The Green light on the sensor means that the Timer is receiving a stop signal the same as running over the pressure switch provided with your timer.

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