

2 Stationary Mounting Posts, 1 Ribbon cable with sensors-attached to connector, & 6 Pan head sheet metal screws

Tools Needed for Assembly:

- Drill and drill bits

Phillips screwdriver

- Hot glue gun or Silicon glue (If you use silicon glue, it has to cure for 24 hours before you can use your timer).

Instructions:

- 1. Mark and attach stationary mounting posts to track at finish line so that the center of the post is in line with the sensors on the track. The portion above should be about 3.5 inches.
- 2. Drill a 5/8 inch hole into the side of the base of the track approximately 1 inch from the mounting post. Attach the connector insert ribbon cable with sensors on it into the drilled hole. Attach connector to the side of the track with the pan head wood screws included in your order.
- 3. To attach sensors, first center and attach a 3/4" x 1 1/2" cross frame member (just like the other cross frame members in your track) under the track where the finish line will be. Drill a 9/64" hole in the center of each lane at the marked finish line through the track and the cross-frame. From the bottom side of the track, insert the sensors into each hole until the lip of the sensor contacts the cross member, then glue (with hot glue or silicon) the sensors into each hole. (If you use silicon glue, you have to let it cure 24 hours before you can use your timer).
- 4. Gently slide timer over mounting posts so that the external plug is on the side of the track where the connector is located. If the timer is too wide, add washers evenly on both sides between the Mounting Post and the track until the timer fits over the Mounting Posts. Push plug into the connector.
- 5. To remove the timer from the track, unplug from the connector, then slide timer upward from the track.