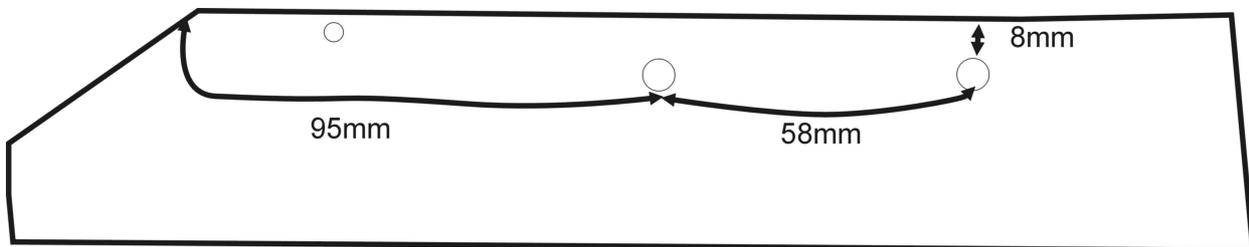


## How to install your Fast Track Tree Light Gate for the K-Series Timer

Enclosed you will find the Light Tower with screws, black controller box with screws, AC adapter with cord, bracket with micro switch and Start Gate with Motor.

In addition, there are 4 Cables: 1. The wire from the controller box to the RJ11 socket on the micro switch bracket, 2. The wire from the lights to the controller box, 3. The wire from the controller box to the gate release motor, and 4. The 35' telephone cable from the micro switch to the timer at the end of the track.

If your start gate doesn't have the Gate Release Motor mounted to it, mount the gate release motor with the screws that are in the unit. If your track is not already drilled, make two holes in the gate release bar 95 mm from the gate release switch. The holes should be 58mm apart. (see diagram A) Make sure that the gate release switch is depressed when the gate closes. The light tree will not start until the gate release switch is closed.



**DIAGRAM A**

Next, mount the light tree and post. To do this, you will need to add additional holes in the rear leg of the track stand (metal track). There is one existing hole on the leg, measure 4 inches down from that hole and drill another 3/16" hole. Mount the light pole using the screws that are already in the unit.

Look at Diagram B, below, to see where we mounted the controller box. We drilled 4 – 9/64" holes to mount it on the front of the rear track legs. The controller has threaded mounting holes so you do not need any additional nuts to mount it to the track legs. Use the screws that are in the unit.

Plug in the cables:

- Plug one end of the 35' telephone wire into the top of the double RJ11 socket on the side of the controller box, and the other end down the track into the RJ11 socket on the timer.
- Plug one end of the shorter telephone wire into the bottom of the double RJ11 socket on the side of the controller box, and the other end to the RJ11 socket on the start switch bracket at the start line.
- Plug the wire coming from the bottom of the light tree post into the socket on the bottom of the controller box.
- Plug the cord from the Gate Release Motor into the socket on the side of the controller box.

Plug the AC Adapter into the controller box, and then plug it into an electric outlet.

## Micro Wizard Instructions

You are ready to test the tree light start gate. Close the start gate, **making sure that the gate release switch is depressed.** Push the manual start button located on the side of the controller box. The lights should sequence through and open the gate.

If the light tree seems to cycle faster than you like, you can slow it down by changing the light tree timing. To do this, unplug the power to the unit. Then close and open the micro switch with the unit off. Then press and hold the gate release push button while powering up the unit. Now release the push button; the green light should go on.

Open and close the micro switch until you find the time delay you like best.

If the top amber light is on, your current timing is set for fast (half second).

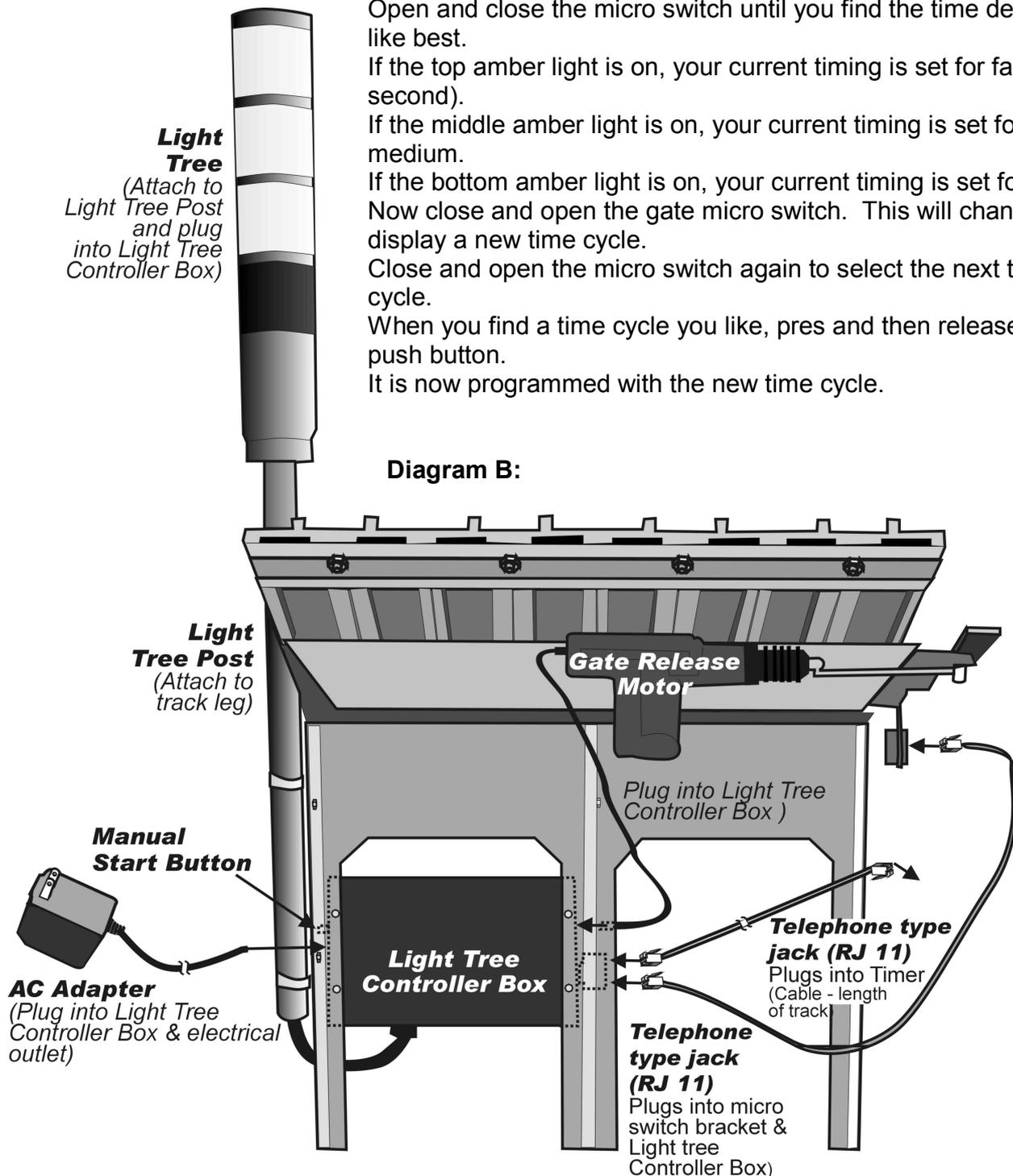
If the middle amber light is on, your current timing is set for medium.

If the bottom amber light is on, your current timing is set for slow. Now close and open the gate micro switch. This will change and display a new time cycle.

Close and open the micro switch again to select the next time cycle.

When you find a time cycle you like, press and then release the push button.

It is now programmed with the new time cycle.



For photos go to: <http://www.kydir.com/gallery/v/pinewood/gate/>

To see the light tree in action go to: <http://www.youtube.com/watch?v=ek6q4sjlcDg>