

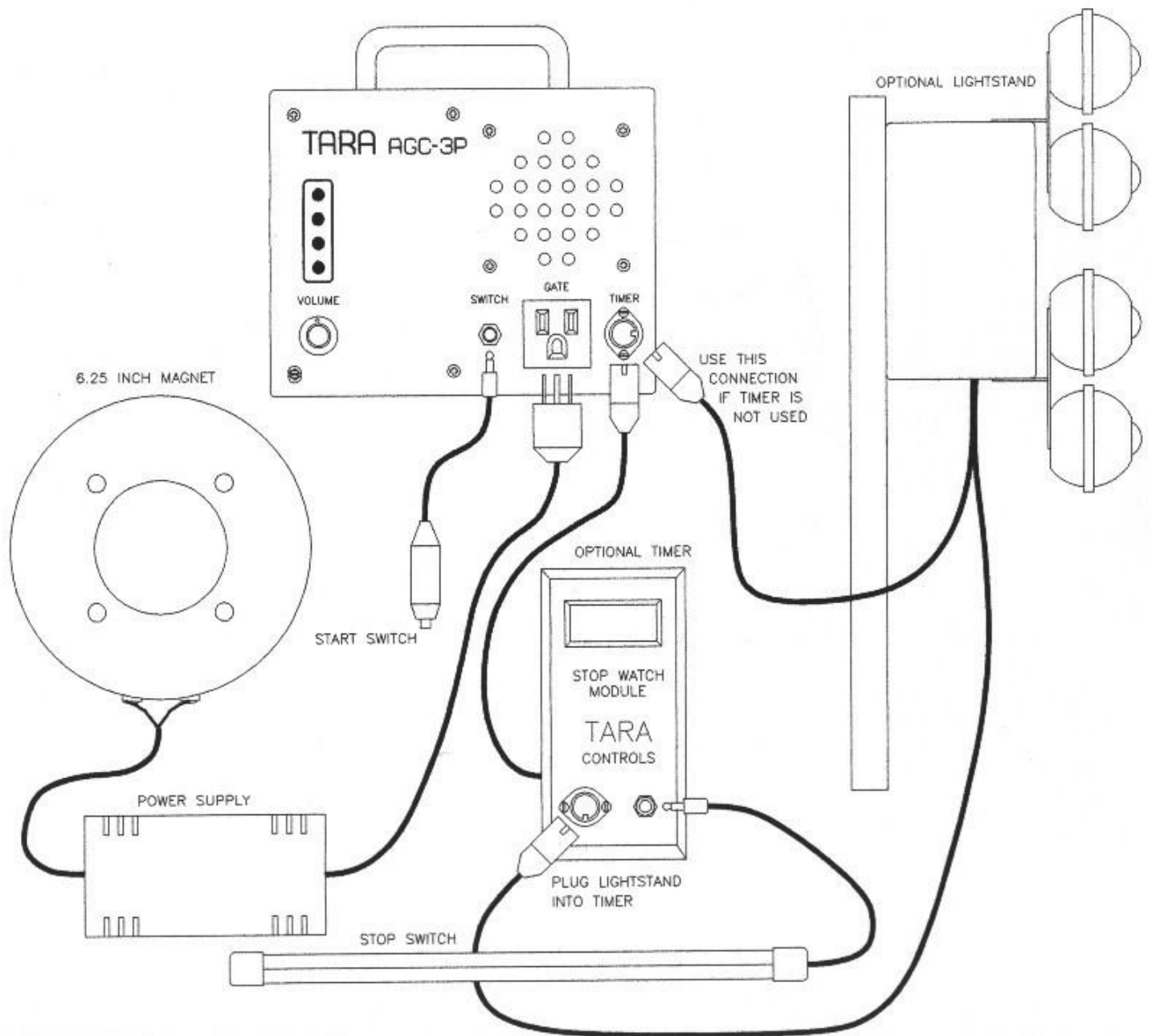
## USING THE AGC-3P PERSONAL GATE CONTROLLER.

### (Magnet Version)

1. Wire the system as shown in the "AGC-3P SYSTEM WIRING DIAGRAM" shown below. Connect the power cord of the main unit (AGC-3P) to a 120 VAC outlet.
2. Locate the Light Stand (Optional) in a visible position in front of the gate. Position the StopWatch Timer Foot Switch (Optional) across the path of the bicycle at a suitable distance from the gate (for best results the switch can be mounted to a larger board).
3. For the first race, turn on 120 VAC power to activate the GATE output (and provide power to the magnet). For subsequent races the magnet (GATE) output is automatically active. Raise the gate.
4. Use the Start switch to start the staging sequence. Pushing the switch will start the sequence. There is a 5-second delay to allow the rider to get set on the bicycle. The staging sequence will follow the delay and when the Green light turns on, the gate will drop and the timer will start. When the bicycle tire travels over the Foot switch, the timer will stop. **The 5-second delay can be disabled by turning off switch 2 on the printed circuit board inside the AGC-3P enclosure. Do NOT attempt to open the enclosure without unplugging the power cord.** Magnet power will remain off for 5 seconds after the gate drops.
5. Repeat items 3 and 4 as long as desired.

The StopWatch timer will switch from 0.01-second resolution to 0.1-second resolution at 19.99 seconds, rolling over to 20.0 seconds. The timer will stop counting at 199.9 seconds. If the timer is allowed to continue counting, the display will not reset when a new sequence is started. To enable a reset, the timer must be stopped by either activating the Foot switch or unplugging the timer module. The timer is reset on the Red light in the staging sequence.

**Switch 1 is the same as the ABA/NBL switch on the top of the unit and should be kept off. Switch 3 sets the gate output for use with an optional air cylinder that mimics the professional unit.**



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