

USING THE AGC-4P PERSONAL GATE CONTROLLER

(Air Cylinder Mode/Magnet Version)

1. Wire the system as shown in the "AGC-4P SYSTEM WIRING DIAGRAM" shown below. Connect the power cord of the main unit (AGC-4P) to a 120 VAC outlet.
2. Locate the Light Stand (Optional) in a visible position in front of the gate. Position the Stop Watch Timer Foot Switch (Optional) across the path of the bicycle at a suitable distance from the gate (**Extension cables can be purchased from Radio Shack PN 42-2556 in 20' lengths. The stop-switch must be mounted to a larger board, staked into the dirt through the mounting holes or taped to a solid surface**).
3. For the first race, turn on 120 VAC power. To activate the GATE output, push the start button. The unit will beep five times then raise the gate. For subsequent races the start switch alternates between being a Raise Gate Switch and a Start Staging sequence switch.
4. Use the Start switch to start the staging sequence. Pushing the switch will start the sequence. There is an optional 5-second delay to allow the rider to get set on the bicycle. If the delay is active there is a short beep to tell you that the delay has begun. 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 is controlled by switch 2 on the front panel.**
5. Repeat items 3 and 4 as long as desired.

Note: The magnet output goes on automatically, however the Staging Sequence must follow the above procedure. It is more convenient to run a magnet in solenoid mode to avoid having to push the start button to reset the air gate output.

The Stop Watch timer has a 0.01-second resolution and will stop counting at 99.99 seconds. If the timer is allowed to continue running 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 for future options and has no function. Switch 3 is used to select an air cylinder or a solenoid-release Gate.

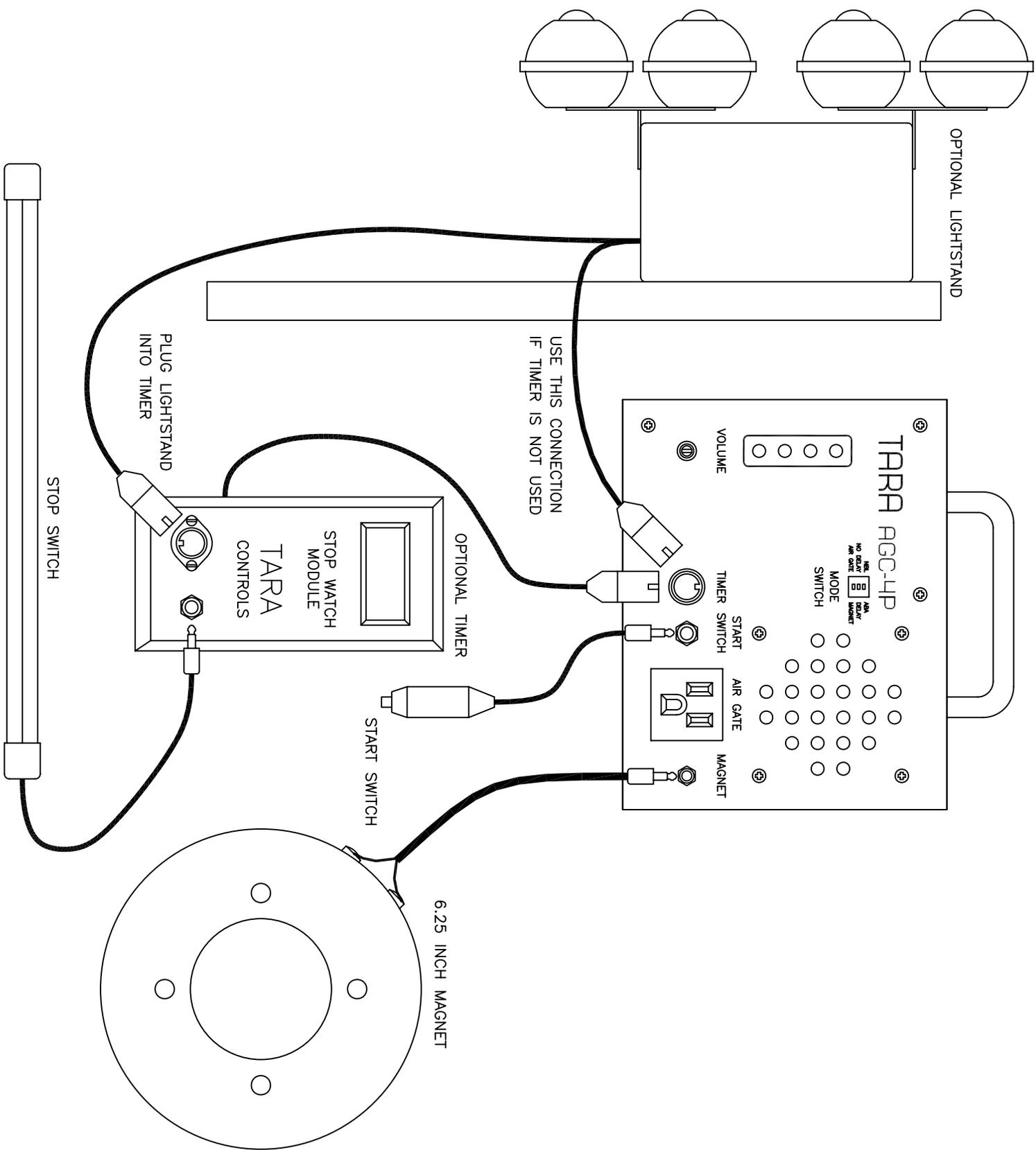
USING THE AGC-4P PERSONAL GATE CONTROLLER.

(Solenoid Mode / Magnet Version)

1. Wire the system as shown in the "AGC-4P SYSTEM WIRING DIAGRAM" shown below. Connect the power cord of the main unit (AGC-4P) 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 (Extension cables can be purchased from Radio Shack PN 42-2556 in 20' lengths. The stop-switch must be mounted to a larger board, staked into the dirt through the mounting holes or taped to a solid surface).
3. For the first race, and all subsequent races the (GATE) output is automatically active when the green light is lit.
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. If the delay is active there is a short beep to tell you that the delay has begun. 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 front panel.
5. Repeat items 3 and 4 as long as desired.

The Stop Watch timer has a 0.01-second resolution and will stop counting at 99.99 seconds. If the timer is allowed to continue running 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 for future options and has no function. Switch 3 is used to select an air cylinder or a solenoid-release Gate.



OPTIONAL LIGHTSTAND

USE THIS CONNECTION
IF TIMER IS NOT USED

PLUG LIGHTSTAND
INTO TIMER

STOP SWITCH

OPTIONAL TIMER

START SWITCH

6.25 INCH MAGNET

STOP WATCH
MODULE
TARA
CONTROLS

TARA AGC-4P

VOLUME

NO DELAY
AIR GATE

MODE SWITCH

START SWITCH

AIR GATE

MAGNET