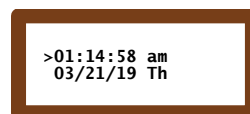


This quick start guide is an excerpt from the Installation & Operation manual. For more comprehensive and complete instruction see the I&O manual.

Leave this document with the operator. Do not remove.

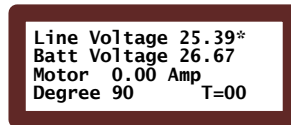
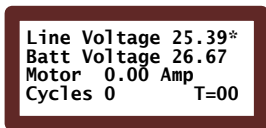
SETTING THE TIME/DATE

1. Turn the Jog knob to **Calendar/Time**.
2. Adjust the time and date by moving the cursor > to the right-hand side of each entry that you want to change by pressing the jog knob then turning it clockwise.
3. Once you have the correct number press the jog knob again.



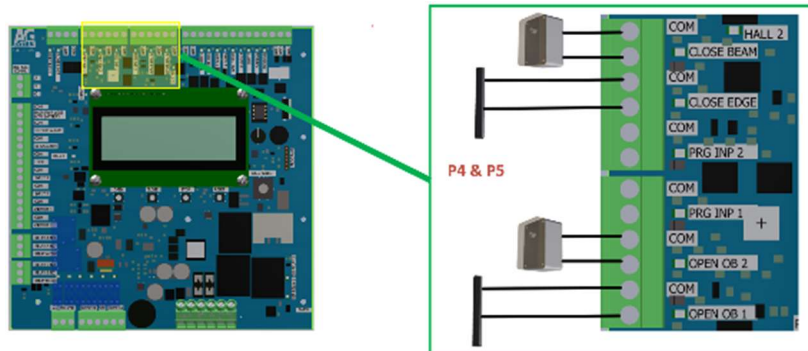
TOGGLE BETWEEN CYCLES AND GATE POSITION

A cycle is considered a complete **OPEN** and **CLOSE** sequence. On the main screen, to toggle between the number of cycles and the gate position, hold the **JOG/SELECT** button down. "0" indicates a **CLOSED** gate status, "90" indicates an **OPEN** gate status.



MONITORED INPUTS

Monitored OPEN inputs are connected to **OB1, OB2** at the top of the board. **Monitored CLOSE** inputs are connected to close edge and close beam at the top of the board. Subsequent devices are connected to **Program Input 1 and 2** at the top of the board. After connecting your reversing devices, you must program them in "Monitored Input Settings."



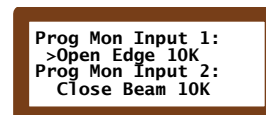
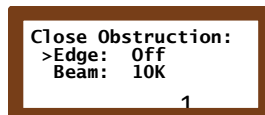
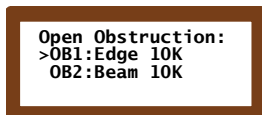
Note: At least two (2) independent protection means are required in each direction of travel. The term "means" refers to devices such as Type "A" (Inherent Limit/Position Sensor) or "B1" (Non-Contact sensors/beams) and "B2" (Contact Edge Sensors). It is the installers responsibility to identify and protect all entrapment zones.

Entrapment is the condition when an object or person is caught or held in a position that increases the risk of injury. An Entrapment "zone" is any area of the Vertical Pivot Gate system that entrapment can occur.

Turn the **JOG/SELECT** knob until you see "Monitored Input Settings."



1. Press the knob.
2. Turn the knob until you see the input you want to program with a > cursor in front of it.



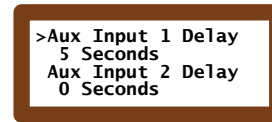
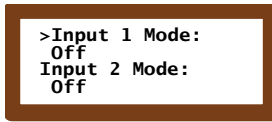
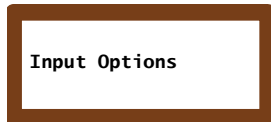
3. Press the knob.
4. Turn the knob to select the style of input. UL 325 monitored devices should be set to 10k.
5. Press the knob to accept the programming.
6. To get out of programming mode, press and hold the knob until you hear a beep.

OPERATIONAL INPUTS

OPEN 1, OPEN 2, Fire OPEN, Stop, and Reverse/Interrupt do not require programming. They are available at terminal inputs should they be needed.

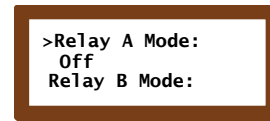
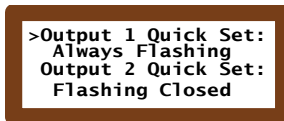
INPUT OPTIONS (PROGRAMMABLE)

For **OPEN/CLOSE PGM, Input 1, and Input 2** refer to the **Installation& Operation** manual.



AUXILIARY OUTPUTS (PROGRAMMABLE)

For **Programmable Lock, Output 1, Output 2, and Relay A, Relay B** refer to the **Installation& Operation** manual.



UL 325 Alarm, Motion Alarm, Low Battery, and Main Power Loss Alarm do not require programming. They are available at terminal inputs should they be needed.

VEHICLE DETECTION LOOPS

Reverse/Int/ Exit Loops should be a minimum of 4' from the gate.

EDI LMA 1800

Dip switches 1 and 2: Operators with multiple loops should have their amplifiers set to different frequencies.

Dip switch 3: **Fail Safe On/ Fail Secure Off**

Dip Switch 8: Sensitivity Boost – Helps detect vehicles with greater ground clearance.



Adjusting sensitivity utilizing the **DEFLECTOMETER** (Recommended): The **DEFLECTOMETER** should read zero (0) with no vehicle over the roadway loop. If a mid-size vehicle, located over the roadway loop causes the number "7" to be displayed on the **DEFLECTOMETER**, you need to lower the sensitivity two levels (7 – 2 = **DEFLECTOMETER** reading 5). This can be done by pressing the front panel SENS \downarrow (down) push button twice. If a mid-size vehicle, located over the roadway loop causes the number "2" to be displayed on the **DEFLECTOMETER**, you need to add three sensitivity levels (2 + 3 = **DEFLECTOMETER** reading "5"). This can be done by pressing the front panel SENS \uparrow (up) push button 3 times. Another great feature to note is that the sensitivity dynamically updates after each push button position change, allowing you to change sensitivity settings while a vehicle is over the loop zone.

Adjusting sensitivity without using the **DEFLECTOMETER** (Manually set Sensitivity): The Model **LMA-1800 Loop Detector** offers 9 levels of sensitivity (1 to 9). This can be manually set to any desired level by pressing the SENS \uparrow or SENS \downarrow front panel push buttons when a vehicle is NOT over the roadway loop. The sensitivity level will be displayed on the 7- segment LED. The factory default is level 4. Pressing the SENS \uparrow or SENS \downarrow switch once will display the sensitivity without changing the setting. After pressing the SENS \uparrow or SENS \downarrow switches to display the sensitivity, the sensitivity can be changed by pressing the SENS \uparrow or SENS \downarrow switches again. The display will automatically return to the normal display after several seconds.

TROUBLESHOOTING

For assistance troubleshooting your gate system, see the **Installation& Operation** manual or call Autogate at **1(800) 944 4283** and select **3** for Technical Support.