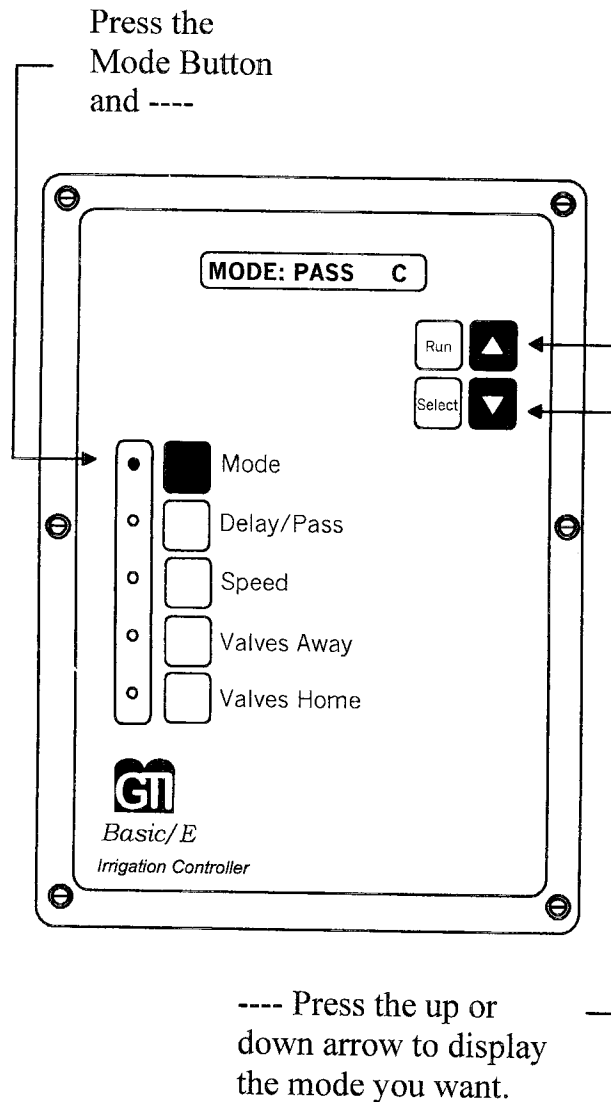


# **Basic – E CONTROLLER**

For Customer Support Questions:  
Ph. (859) 626.3001  
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# Modes:



## Modes Available:

**Pass:** Program the boom to make a certain number of passes.

**Delay:** Program the boom to make a single pass at pre-defined intervals during certain times of the day or night.

**Jog Forward:** To move the boom forward.

**Jog Reverse:** To move the boom backward or in the reverse direction.

**Home:** Move the boom to the home position

**Away:** Move the boom to the away position

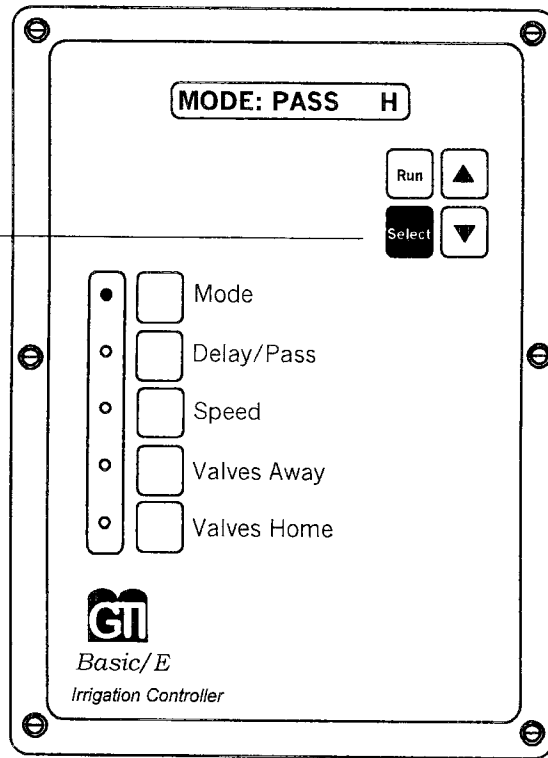
**Location:** Program the boom to know its current location in the bay.

**Time:** Display current time

**Test:** Test boom hardware

# MODE: PASS

Once You Display  
the PASS Mode  
You ---



---- Press the Select Key to Program the Pass Mode or Press the Run Key to Start the Mode.

Select Press

PASS: 02

▲ Press up or down arrow to increase or decrease the number of passes  
▼ Range = 1 - 99

Select Press

SPEED: 12

▲ Press up or down arrow to increase or decrease speed.  
▼ Range= 1 - 24

Select Press

AWAY: 1 - -

▲ Press up arrow key to select valve and press lower arrow to move to next valve position.  
▼ Valves = 1,2,3

Select Press

HOME: - 2 -

▲ Press up arrow key to select valve and press lower arrow to move to next valve position.  
▼ Valves = 1,2,3

Select Press

MODE: PASS H

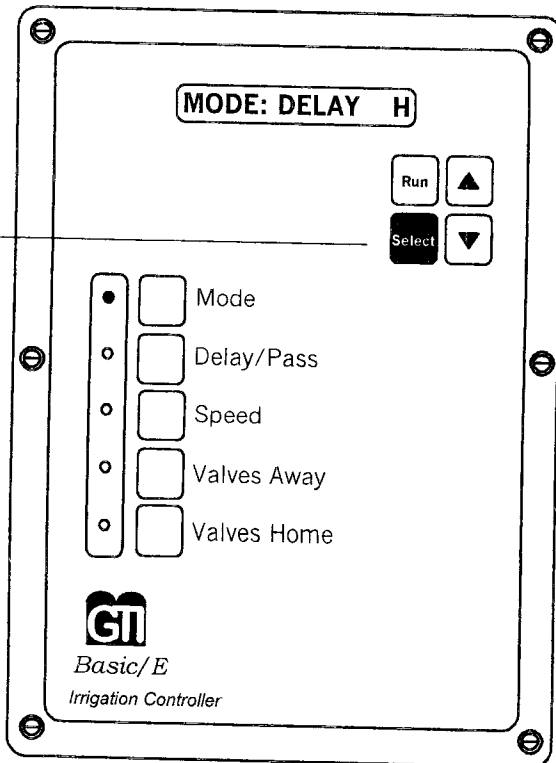
Run Press

Pressing run will start the boom running. The boom will make 2 complete passes at speed 12 from the home position to the away and back again. The valve 1 will be on in the away direction and the valve 2 will be on in the home direction.

Note: You can stop the boom by pressing the run button again.

# MODE: DELAY

Once You Display the DELAY Mode You ---



---- Press the Select Key to Program the Delay Mode or Press the Run Key to Start the Mode.

**Select** Press

**TIME ZONE: 1**

▲ Press up or down arrow to select the Time Zone you want to edit. Range = 1 - 3  
▼

**Select** Press

**START TIME:08:00**

▲ Press up or down arrow to change the time to the start time for Time Zone 1  
▼

Note: Press and hold the arrow key down and the time will change quickly. Time is in military.  
Range = 00:00 - 24:00

**Select** Press

**END TIME:17:00**

▲ Press up or down arrow to change the time to the end time for Time Zone 1  
▼

Note: Press and hold the arrow key down and the time will change quickly. Time is in military.  
Range = 00:00 - 24:00

**DELAY: 015**

▲ Press up or down arrow to select the interval or time between passes. Range: 1-240 Minutes  
▼

**Select** Press

**SPEED: 12**

▲ Press up or down arrow to increase or decrease speed. Range= 1 - 24  
▼

**AWAY: 1 - -**

▲ Press up arrow key to select valve and press lower arrow to move to next valve position. Valves = 1,2,3  
▼

**Select** Press

**HOME: - 2 -**

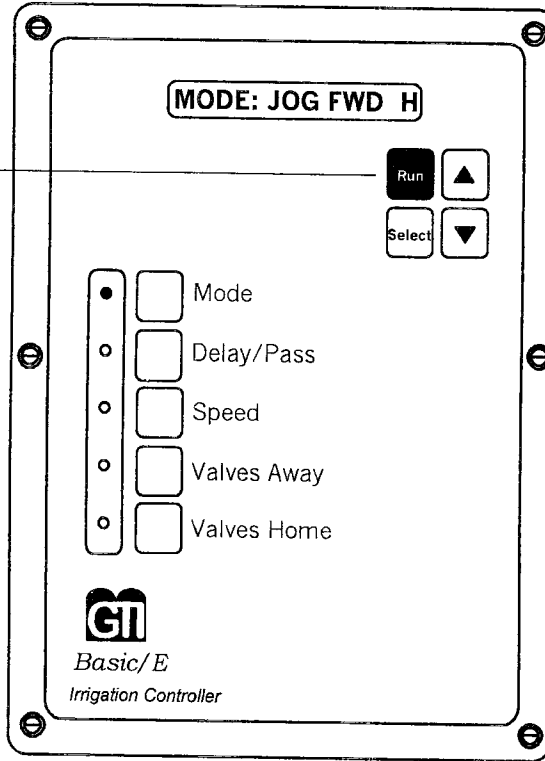
▲ Press up arrow key to select valve and press lower arrow to move to next valve position. Valves = 1,2,3  
▼

*At this point you can program additional time zones repeating the previous steps, start the boom by pressing the start button or change modes by pressing the mode button and using the arrow keys to change modes.*

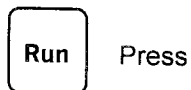
*Note: If you start the boom and need to stop it you can stop the boom by pressing the run button again.*

# MODE: JOG FORWARD

Once You Display  
the JOG FORWARD  
Mode You ---

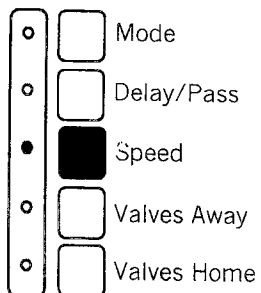


---- Press the Run Key to Jog the  
Boom Forward



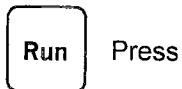
Press RUN to start  
the boom.

You can adjust Boom  
SPEED in Jog Forward  
Mode.



SPEED: 12

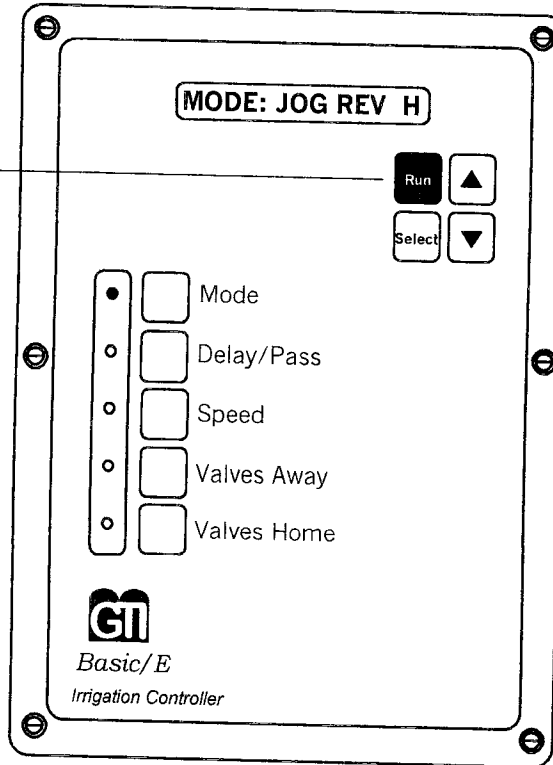
▲ Press up or down  
arrow to increase  
or decrease speed.  
Range= 1 - 24



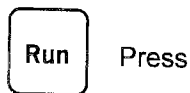
Press RUN to Stop  
the boom.

# MODE: JOG REVERSE

Once You Display  
the JOG REVERSE  
Mode You ---

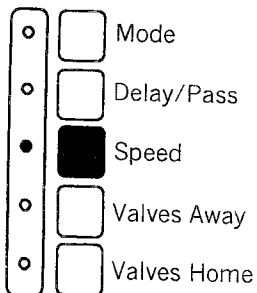


---- Press the Run Key to Jog the  
Boom in Reverse



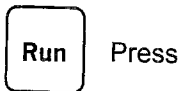
Press RUN to start  
the boom.

You can adjust Boom  
SPEED in Jog Forward  
Mode.



SPEED: 12

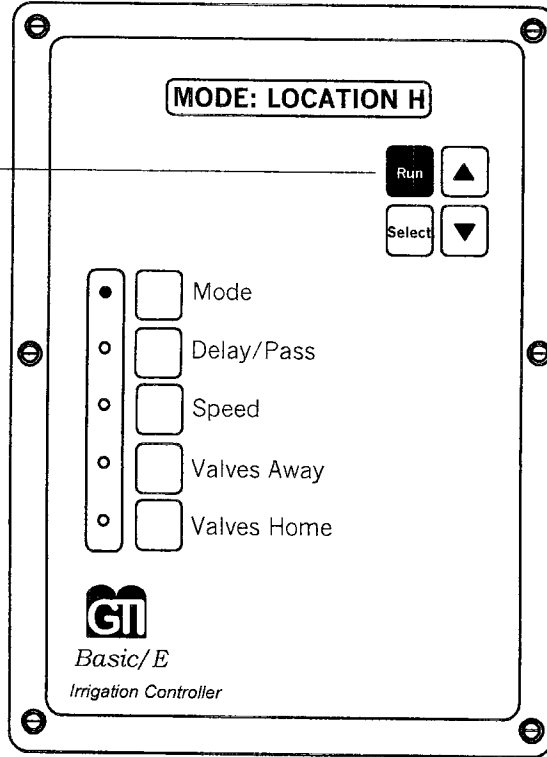
▲ Press up or down  
arrow to increase  
or decrease speed.  
Range= 1 - 24



Press RUN to Stop  
the boom.

# MODE: LOCATION

Once You Display  
the LOCATION  
MODE You ...



---- Press the Run Key to Jog the Boom Forward



Press

Press RUN to set the current boom location.

**BOOM LOCATION H**



Press up or down arrow to change the current boom location.



H = Home  
C = Crop  
A = Away

You want the boom location on the controller to match the actual location of the boom in the bay.

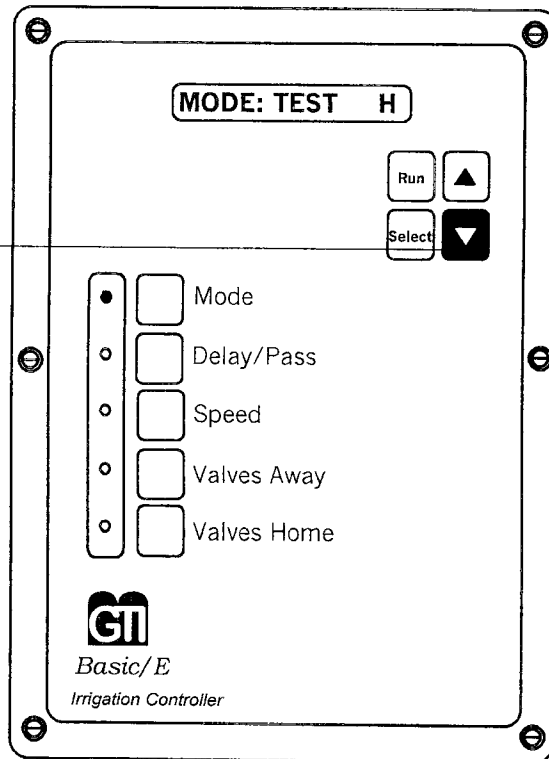


Press

Takes you back to the mode screen.

**MODE: LOCATION H**

# SETTING CLOCK



Press

**Note:** Unplug Controller and then Power-up the Controller while pressing the Down Arrow Key.

**TIME:** \*00:00



Press the up or down arrow key to increase or decrease the hours.



Press the Select key to move the asterisk to the Minutes. Press the up or down arrow key to increase or decrease the minutes

CURRENT TIME IS  
IN MILITARY USING  
00:00 - 24:00

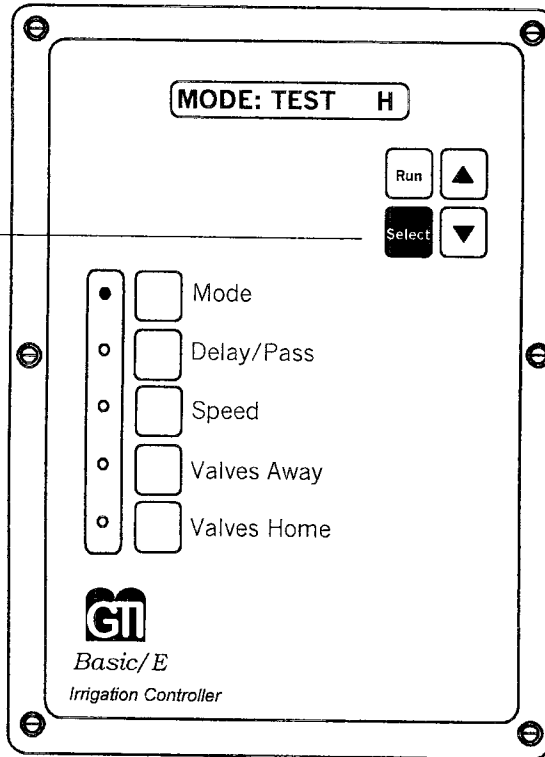


Press Run to go to the mode screen.



# MODE: TEST

Once You Display  
the PASS Mode  
You ---



---- Press the Select Key to Program the  
Pass Mode or Press the Run Key  
to Start the Mode.

**Run** Press

**VALVES: - - - H**

**▲** Press the up arrow  
key move between  
valve 1,2,3 and  
**▼** the down arrow  
key to turn on the  
valves.

After the 3rd valve you  
will see the following  
screen

**SWITCH: 123456 H**

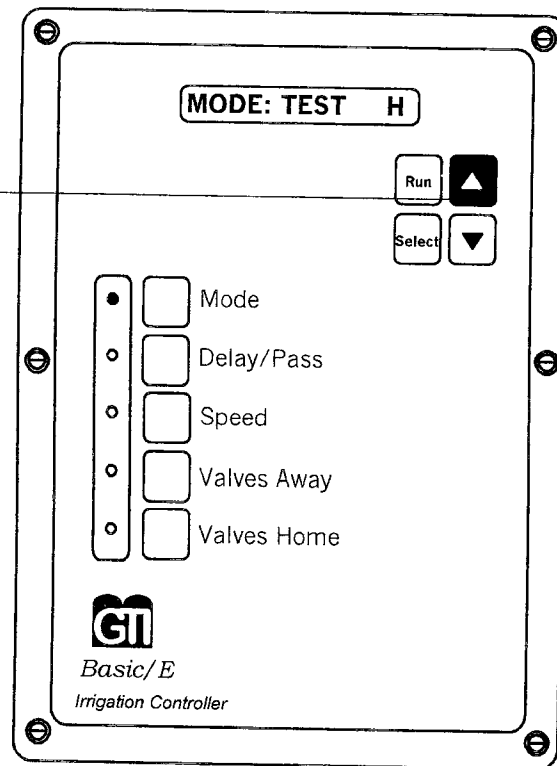
Each number represents  
a magnet read switch.

- 1 = Motion**
- 2 = Job Forward**
- 3 = Job Reverse**
- 4 = Collision**
- 5 = Remote Start**
- 6 = Index**

At this point if you place  
a magnet near one of  
the magnet switches  
the number corresponding  
to that switch should  
appear on the screen.

This is an excellent screen  
when you need to trouble  
shoot a sensor or make  
sure you have the sensors  
wired correctly.

# ENABLE / DISABLE MOTION ALARM



Press



Press Run to go to the mode screen.

**Note:** Unplug Controller and then Power-up the Controller while pressing the Up Arrow Key.

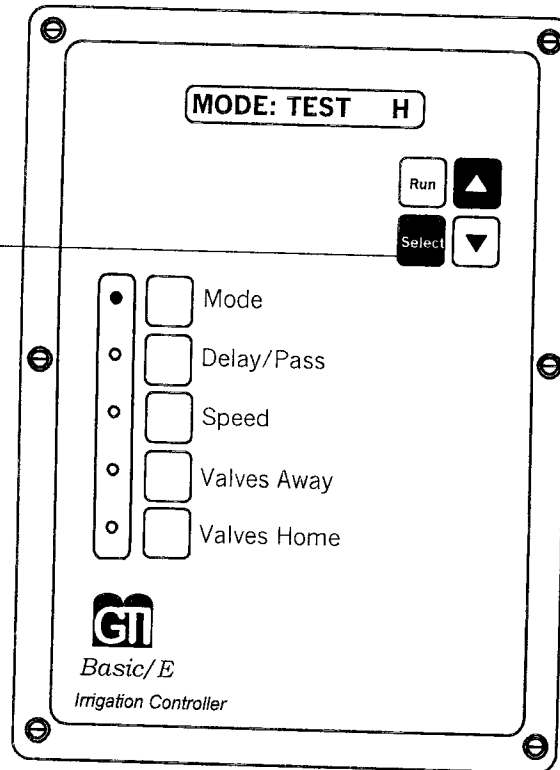
**Note:** Under normal circumstances the motion alarm should be enabled!

**MOTION ENABLED**




Press the up or down arrow key to Enable or Dis-Able The Motion Alarm

# RE-SETTING CONTROLLER



 Press

 Press Run to go to the mode screen.

**Note:** Unplug Controller and then Power-up the Controller while pressing the Select Key.

**Note:** This key will reset the controller to factory original.

**BATRAM CORRUPT**