

Laurel Model 399 Digi-Max Vending Controller



Document Overview

This document will cover putting the Laurel Model 399 Digi-Max Vending Controller into Tommy Mode, adjusting prices for Vacuum Only and Vacuum + Vending purchases. Wiring configuration, pin layout and pin function will also be covered.

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Configuring For Tommy's Control

- Power on Vending Machine.
- Click and hold the “Mode” button until “Set Pulse Value” appears then release.

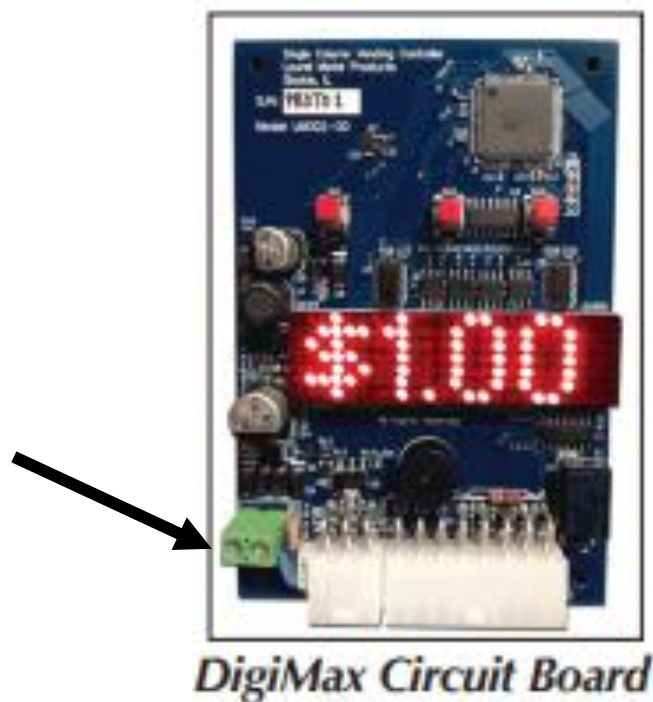


- “Set Pulse Value” will change to “\$025” when this appears press “Mode” once more.
- “Set Vac Mode” will display. Set this to “YES”
 - YES – Enables Vacuum Purchases.
 - NO – Disables Vacuum Purchases.
- Pressing “Mode” once more will bring you to the Vacuum+Vending price setup. Use the “UP” and “DOWN” Buttons to set the desired Price.
- Pressing “Mode” once again will bring you to the Vending Only price set. Use the “UP” and “DOWN” Buttons to set the desired Price.
- Pressing “Mode” again will bring you back to the Idle screen. Machine is now configured for Tommy's Control

Wiring For Tommy's Control

Powering The Vending Machine

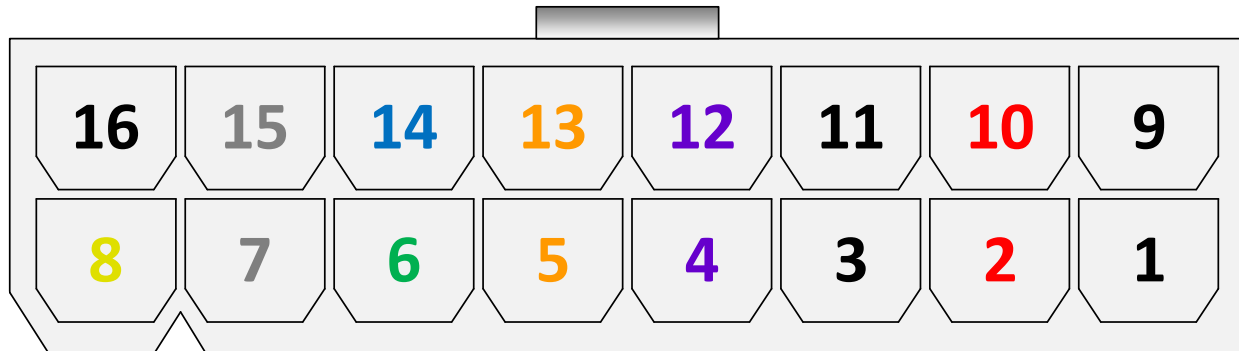
- Bring 24 Volts AC/DC to the green connector on the bottom left corner of the board as shown below. This will be main power for the Vending Machine.
 - 24V to the left terminal on the green connector.
 - 0V to the right terminal on the green connector.



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Wiring Pin Numbers and Functions

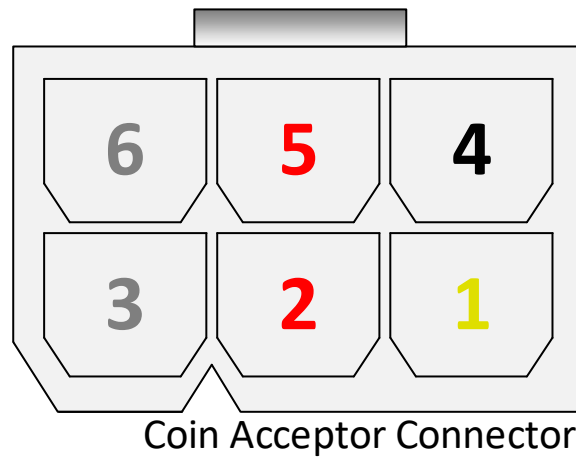


Main Connector

Main Harness

- **Pin 1 & 9**
 - Dry Non-Powered Contact
 - Switch to select the desired purchase
- **Pin 2 & 10**
 - Dry Non-Powered Contact
 - Remote Vend Request
 - Connected to terminals 2 and 5 on Coin Acceptor Harness
- **Pin 3 & 11**
 - Not used by Tommy's
- **Pin 4 & 12**
 - Empty Switch – Com. or N.C.
- **Pin 5 & 13**
 - Cam Switch – Com. or N.O. – Motor
- **Pin 6 & 14**
 - Pin 6 (Blue) – Motor Positive
 - Pin 14 (Green) – Motor Negative
- **Pin 7 & 15**
 - Pulse Signal back to Tommy PLC.
 - Connected to Terminals 6 and 3 on Coin Acceptor Harness
- **Pin 8 & 16**
 - Connected to terminals 1 and 4 on Coin Acceptor Harness
 - Pin 8 (Yellow) – 24 V AC/DC
 - Pin 16 (Black) – 0 V AC/DC

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Coin Acceptor Harness

- **Pin 1 & 4**
 - Yellow 24 V AC/DC
 - Black 0 V AC/DC
- **Pin 2 & 5**
 - Connected to Terminals 2 and 10 on Main Harness
 - Dry Non-Powered Contact
 - Remote Vend Request
- **Pin 3 & 6**
 - Connected to terminals 7 and 15 on Main Harness
 - Pulse Signal back to Tommy PLC.
 - 1 Pulse – Remote Vend
 - 2 Pulse – Vac only Purchase
 - 3 Pulse – Vac and Vend Purchase.