Dickey John Control Point

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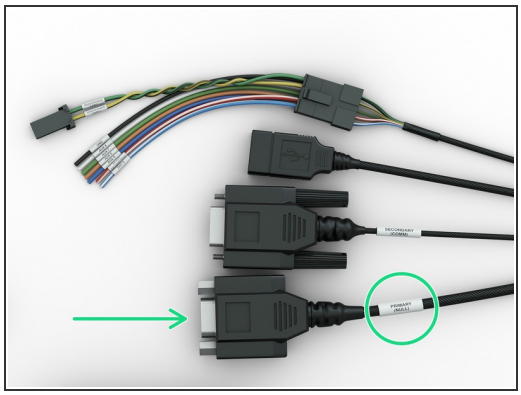
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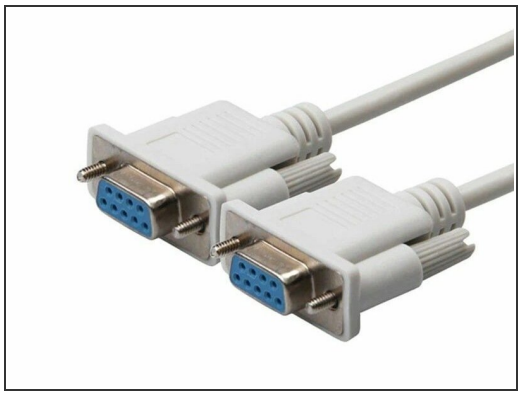
INTRODUCTION

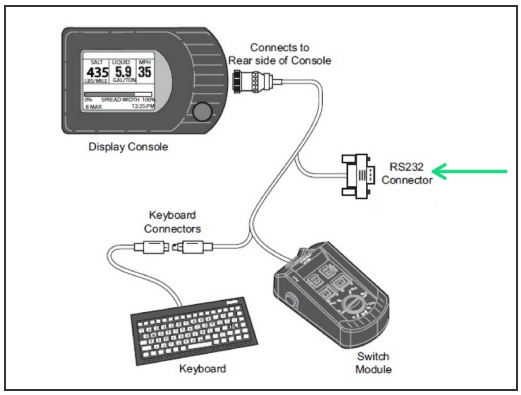
[video: https://youtu.be/-dBZ9hn8i1A]

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— Installation





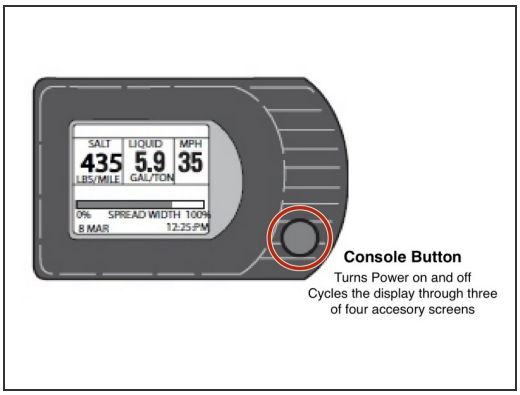


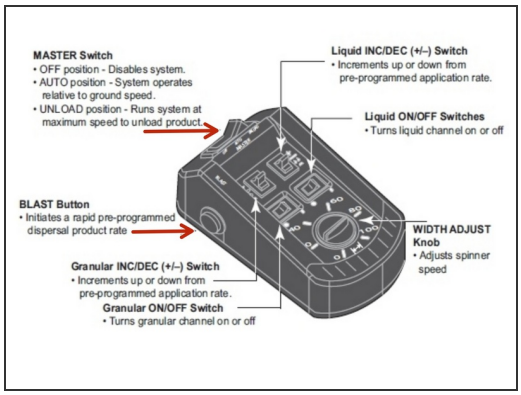
- The IOX-WRKS primary port connects to the RS232 Connector for AVL serial port on the Dickey John Control Point harness using the standard null cable HRN-DB9NM.

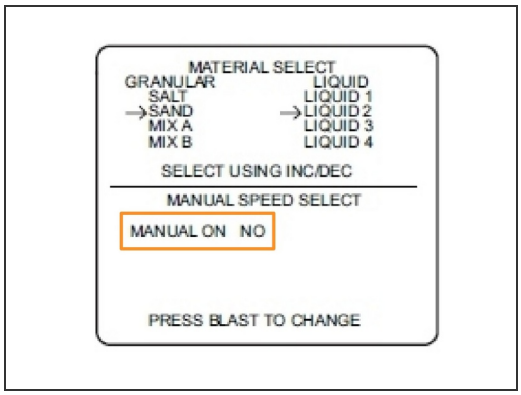
Ensure the IOX-WRKS has the correct controller configuration loaded before proceeding to verification / simulation mode.

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— Simulation Mode







- Turn on the Dickey John Control Point controller and turn the Master Switch "off".
- Press the Console button until the [Material Select] screen displays.
- Press the Blast button to toggle the [Manual Speed] setting from "off" to "on".

ⓘ When the [Manual Speed] setting is "on", the ground speed is simulated and the screen will return to the operation screen.

- Turn the Master Switch "on".
- Set [Spinner], [Conveyor] and [Liquid] to desired settings.
- After the verification is complete, return the controller back to its original settings. Ensure that the [Manual Speed] setting is set to "off".

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ⓘ The Dickey John Control Point controller can also be placed into simulation mode by using a keyboard connected to the PS/2 connector on the controllers harness. You may need to use a USB to PS/2 adapter.

- Turn on the Dickey John Control Point controller and turn the Master Switch "off".
- Press [F7] on the keyboard to enter the [Ground Speed] screen.
- Press the [number 2] key to enter [Configuration]. Press the [down arrow key] to “Manual Speed”.
- Press the [Y] key for "yes" or [N] key for "no" (Y=sim speed on / N=sim speed off).
- Press the [ESC] key and then the [F1] key to return to the main operator screen.
- Set [Spinner], [Conveyor] and [Liquid] to desired settings.
- After the verification is complete, return the controller back to its original settings. Ensure that the [Manual Speed] setting is set to "off".

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⚠ **Never leave a controller in simulation mode!**

— Troubleshooting

ⓘ If data is not flowing to the IOX-WRKS from the Dickey John Control Point controller, the COM settings will need to be checked.

- Connect a keyboard connected to the PS/2 connector on the controllers harness.
- Navigate to the COM settings and confirm that the baud rate is set to "19200".

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