

Wireless mV Scale Calibration

Wireless TranSend/SendIt transmitter and receiver pairs must be calibrated to the connected load cells before an indicator can be calibrated to the load cells. If the TranSend/SendIt pair is not calibrated, the indicator may have unexpected range limits and distorted weight values.



Manuals are available from Rice Lake Weighing Systems at www.ricelake.com/manuals

Warranty information is available at www.ricelake.com/warranties

System Requirements

Specifications subject to change without notice.

Windows® Operating System

Display: 800 x 600 or greater

Built-in serial port or USB to serial port adapter

FTDI chip set required (Tripp-Lite USB/Serial Adapter (PN 153603) recommended - install driver)

JAVA JRE 1.7 or newer

To download and install JAVA JRE: <https://java.com/en/download/manual.jsp>

Install Software

To install **MSI mV Scale Calibration** program:

1. Open the Rice Lake website and navigate to the MSI-7001 TranSend product page.
2. Download the **MSI mV Scale Calibration** software to the computer.
3. Extract the **MSI mV Scale Calibration** folder.
4. Open the folder and double click on ScaleCoreConnect_XX-XX.exe.

Calibrate TranSend/SendIt

Perform the following instructions to calibrate an TranSend/SendIt pair.

1. Connect the receiver unit to the computer through the serial port. See the TranSend/SendIt technical manual for more information on RS-232 serial connections.
2. Power on the transmitter and receiver units.
3. Navigate to and launch the installed **MSI mV Scale Calibration** program on the computer.
4. Select **Calibration** from the setup type drop-down menu.

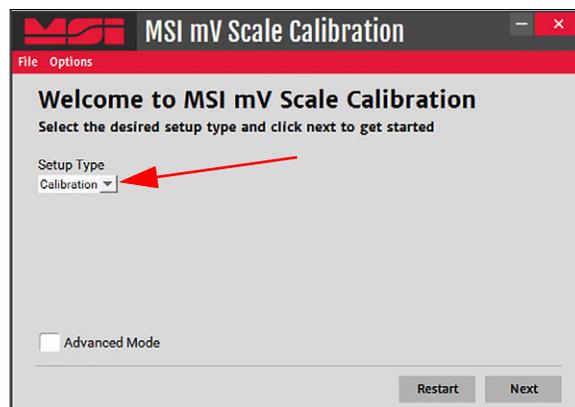
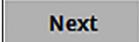


Figure 1. Calibration

5. Select .

6. Select the COM port the TranSend/SendIt receiver is connected to from the drop-down menu.



NOTE: All other terminal applications must be closed.

If no Com Port selection is available, ensure the serial cables are properly connected, the drivers are installed properly and that the TranSend/SendIt pair is powered up. Once a connection is made, restart the calibration program.

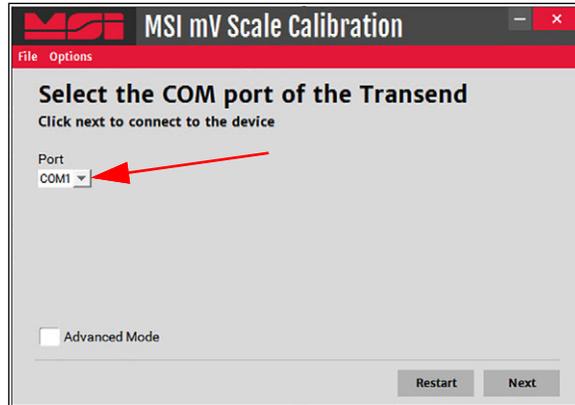


Figure 2. COM Port Selection

7. Select **Next**.
8. Select the **Advanced Mode** checkbox.
9. If necessary, change upper and lower percents detected by the TranSend/SendIt system.

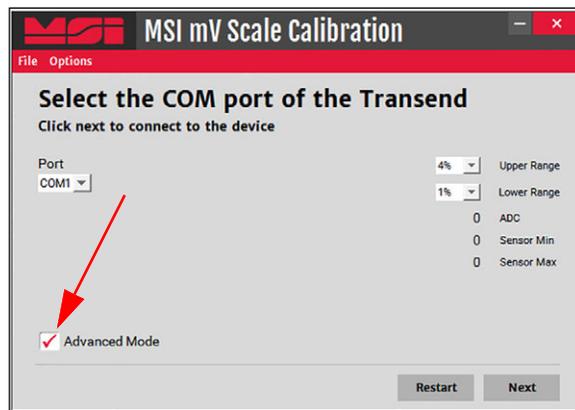


Figure 3. Advanced Mode

10. Select **Next**.

11. Enter the total scale capacity.

Figure 4. Scale Capacity

12. Select **Next**.

13. Remove all weight from the scale.

Figure 5. Zero Calibration

14. When scale is stable, select **Next**.

15. Load test weights onto the scale.

16. Enter the value of the test weights in the weight dialogue box.

Figure 6. Span Calibration

17. Select . **Calibration Complete** displays.

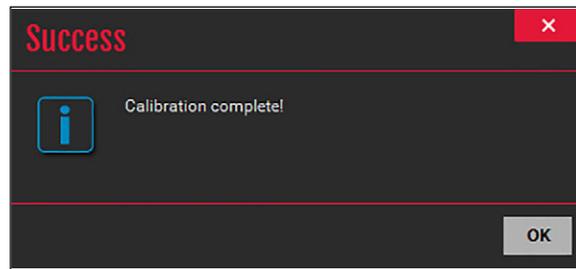


Figure 7. Calibration Complete

18. Select to return to the calibration start display.

19. Calibrate the indicator, see the indicator manual for instructions.



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