

RICE LAKE WEIGHING SYSTEMS 680 Second Generation CPU Boards



# RICE LAKE WEIGHING SYSTEMS 680 Second Generation CPU Boards User Manual

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RICE LAKE WEIGHING SYSTEMS 680 Second Generation CPU Boards



## Specifications

- **Product Name:** 680/682 Synergy Indicator
- **Manufacturer:** Rice Lake Weighing Systems
- **Generation:** Second Generation
- **Connection Type:** 4-wire load cell

## Product Usage Instructions

### Locating CPU Board Revision Sticker

1. Locate the revision sticker on the CPU board as shown in Figure 1 of the manual.

### Configuring Second-Generation CPU Boards

1. Identify the CPU board generation using Table 1 in the manual.
2. If you have a second-generation board, follow these steps:
  - Install a jumper wire between EXC+ and SEN+.
  - Install another jumper wire between EXC- and SEN-.

## FAQ

- **Q:** My scale is not displaying weight, what should I do?
- **A:** If your scale is not displaying weight due to a reference error with the 4-wire load cell connection, follow the solution provided in the manual by installing jumper wires for the 4-wire load cell connection.
- **Q:** Where can I find manuals and warranty information for the product?
- **A:** Manuals are available from Rice Lake Weighing Systems at [www.ricelake.com/manuals](http://www.ricelake.com/manuals). Warranty information can be found at [www.ricelake.com/warranties](http://www.ricelake.com/warranties).

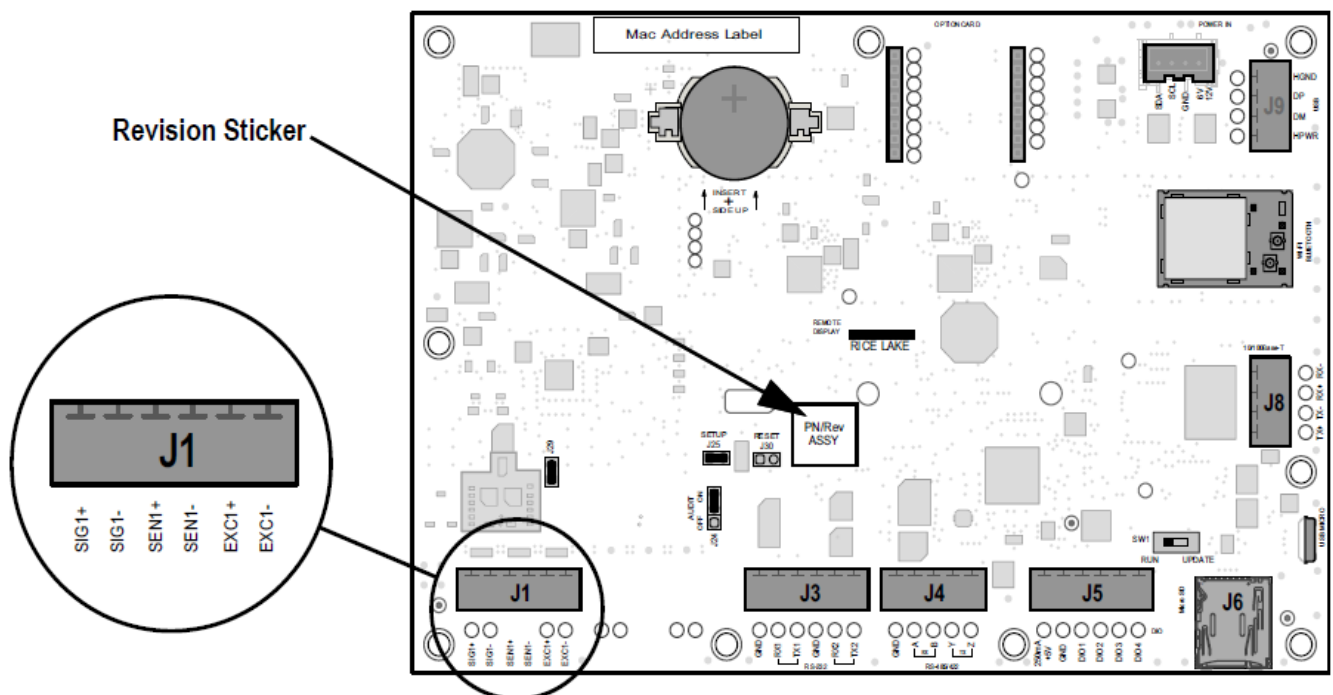
## Instructions

- **Issue:** The scale will not display weight due to a reference error with the 4-wire load cell connection
- **Solution:** Install jumper wires for 4-wire load cell connection

First generation CPU boards have sense switches and are configured through the indicator menu while the second generation does not have sense switches and requires installing jumper wires in 4-wire configuration to avoid errors.

- Manuals are available from Rice Lake Weighing Systems at [www.ricelake.com/manuals](http://www.ricelake.com/manuals)
- Warranty information is available at [www.ricelake.com/warranties](http://www.ricelake.com/warranties)

Locate the revision sticker on the CPU board as shown in Figure 1.



*Figure 1. Revision Sticker Location*

See Table 1 to identify the CPU board generation.

Generation	Revision	Configuration Method
First Generation	A - J1	Menu configuration
Second Generation	J2	Jumper wires


*Table 1. Generation Identification*

**IMPORTANT:** To configure a second-generation CPU board for a 4-wire connection, install a jumper wire between EXC+ and SEN+ and another jumper wire between EXC- and SEN-.

## CONTACT

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## Documents / Resources

	<p><a href="#">RICE LAKE WEIGHING SYSTEMS 680 Second Generation CPU Boards</a> [pdf] User Manual 680 Second Generation CPU Boards, 680, Second Generation CPU Boards, Generation CPU Boards, CPU Boards, Boards</p>
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## References

- [Rice Lake Weighing Systems](#)
- [Manuals | Rice Lake Weighing Systems](#)
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