LaserLight2™ Remote Display

ConnexLink™ Wireless Radio 900 MHZ Installation Instructions

Available for PNs 167091, 167092 and 167093

The ConnexLink Wireless Radio allows communication between the LaserLight2 Remote Display and an indicator with matching radio installed.

See the LaserLight2 Installation Manual, PN 175775, for general installation, configuration and calibration information.

Manuals and additional resources are available from the Rice Lake Weighing Systems website at **www.ricelake.com**
Warranty information can be found on the website at **www.ricelake.com/warranties**

> ⚠ **WARNING** *The LaserLight2 has no on/off switch. Before opening the unit, ensure the power cord is disconnected from the power outlet.*

Item	Part No.	Description	QTY.
	175053	Bracket Assembly, ConnexLink Radio	1
	180683	Cable Assembly, Transceiver RF	1
	180684	Cable Assembly, Power Supply	1
	129662	Pair Transceivers, RF	1
	15631	Cable Tie, 3 inch nylon	1

Item	Part No.	Description	QTY.
	14839	Screw, Mach 6-32NCx1/4	6
	102131	Antenna	1
	166240	Antenna Cable Extension	1
	202131	Bulkhead Adapter	1
	30376	1/2 NPT Nylon Seal Ring	1
	15630	1/2 NPT, Black Locknut	1

Table 1. ConnexLink Wireless Radio Kit (PN 175052) Parts List

The ConnexLink Wireless Radio can be installed in the 4", 6" or 4-SG LaserLight Remote Display.   Use the following steps to install the ConnxLink Wireless Radio option;

> ⚠ **WARNING** *Some procedures described in this manual require accessing the inside of the remote display enclosure. These procedures are to be performed by qualified service personnel only.*

> **IMPORTANT** *To ensure that the correct radio is installed with the remote display and the indicator, each radio is marked with either CLIENT and SERVER.*
> *Client is to be installed with the remote display and the Server is to be installed with the indicator.*

1. Open the LaserLight2 enclosure.
2. Flip the enclosure front panel downward exposing the cabinet interior.
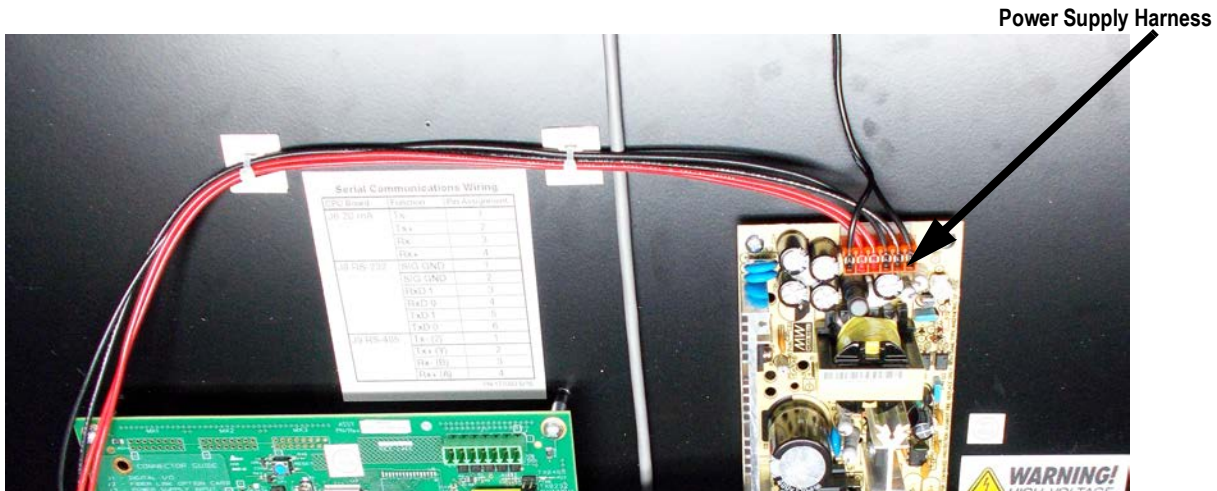3. Unplug and remove the main power supply wire harness.

Power Supply Harness

Figure 1. Remove Power Cable Wire Harness

4. Remove entire cord grip (1 of 2), in the bottom panel of the LaserLight2 (shown in Figure 5 on page 2).
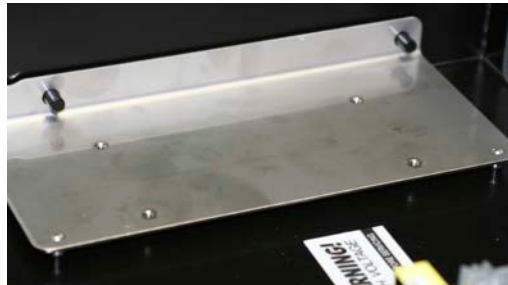5. Attach the bracket assembly to the enclosure using screws provided, as shown in Figure 2.

Figure 2. Attach Mount Plate and Bracket Assembly

6. Secure the antenna assembly by threading the bulkhead adapter through the enclosure hole.
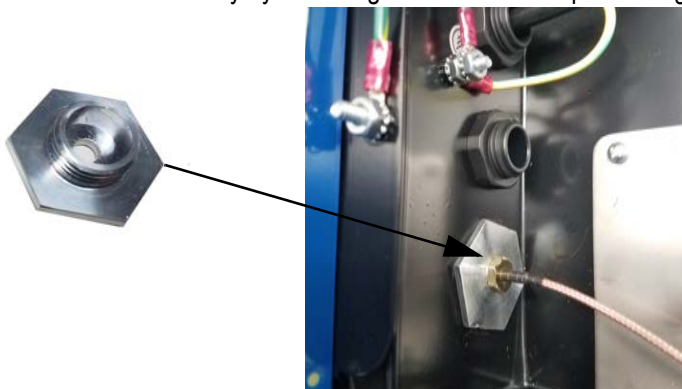

Figure 3. Secure Antenna Assembly

7. Secure bulkhead adapter using nylon seal ring (30376) and black locknut (15630). Thread the antenna extension cable through the bulkhead adapter and secure with a tooth washer and nut.

Figure 4. Thread Antenna Extension Cable Through

8. Thread the antenna onto the antenna extension cable.

Figure 5. Thread Antenna onto LaserLight2

9. Plug the 9-pin end of the RF Transceiver cable assembly to the ConnexLink Wireless Radio. Finger tighten.

Figure 6. Plug 9-Pin Connector

10. The 6-pin end of the RF transceiver cable assembly attaches to J8 on the CPU board.

11. Attach the antenna cable extension to the ConnexLink Wireless Radio.

Figure 7. Attach Cable Extension Antenna to ConnexLink Wireless Radio

12. Mount the ConnexLink Wireless Radio onto the bracket assembly, using the screws provided.

Figure 8. Mount ConnexLink Radio to Bracket

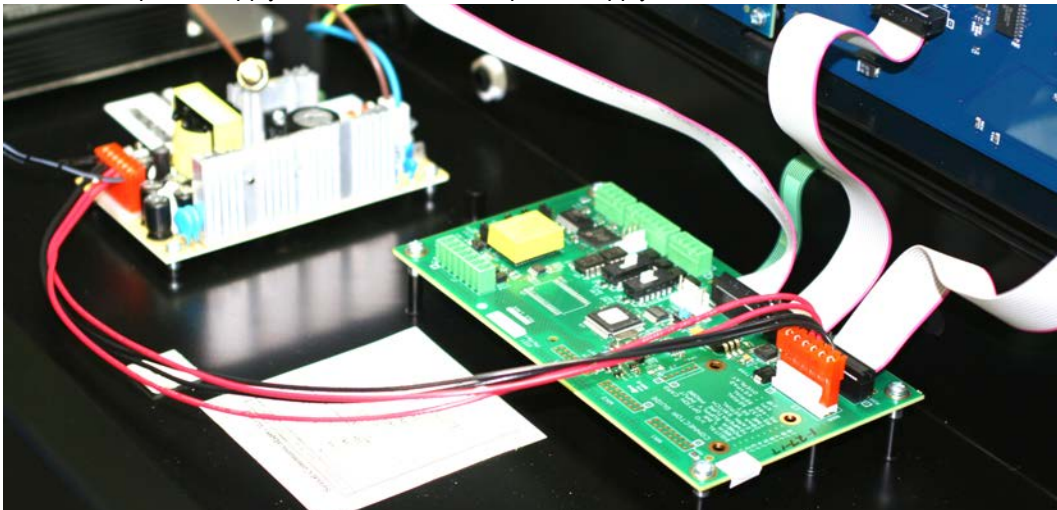13. Attach the new power supply cable harness to the power supply and the CPU board.

Figure 9. Connect the Power Supply Harness

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14. Plug the power cord into the radio.

Figure 10. Connect Cable Assemblies

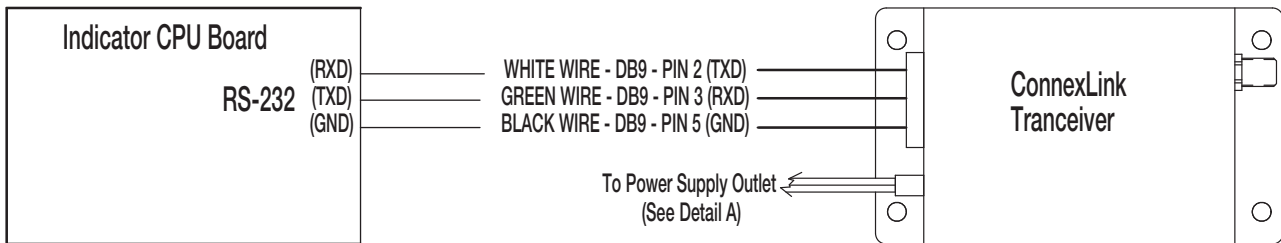**Note** | *See the applicable indicator manual for further information.*

Figure 11. Connect ConnexLink Wireless Radio to Indicator

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