Digi-Star★

RD 2500
Installation Manual
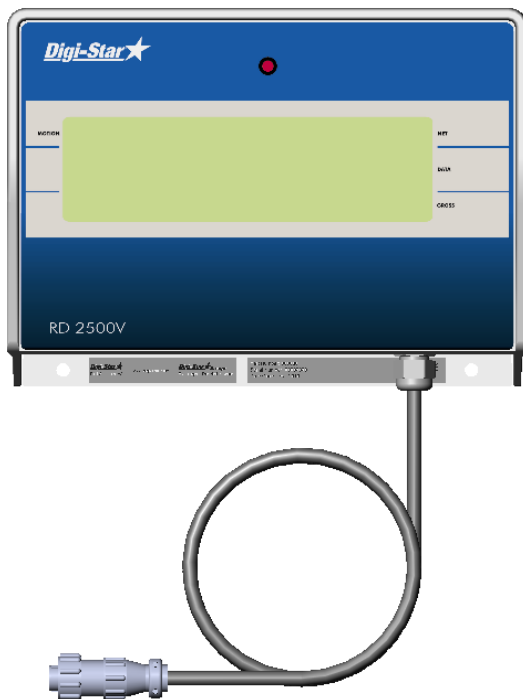
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Features

The RD 2500 Remote Display features a 14-segment display capable of displaying the full alphanumeric output of the EZ series indicators. The RD 2500 provides a large 1.7-inch, 6 digit display with backlighting. They are compatible EZ III, EZII and original EZ I series indicators.

When the EZ indicator is turned on, the remote also turns on showing the full (14 segment) alphanumeric display of the EZ indicator. The remote supports all of the annunciators used on the EZ III indicator. The alarm lamp on the front panel of the remote turns on whenever the EZ indicator alarm lamp turns on.
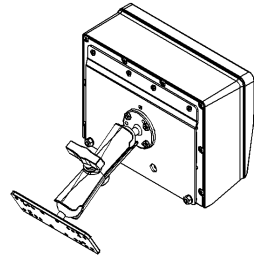
Indicator Mounting

Rail Mounting
Included
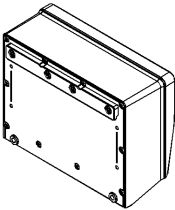
Wing Mount
Optional
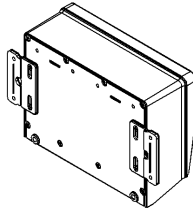
RAM Mount
Optional

Installation Manual

To Remove and Replace the Cable from the RD 2500:

1. Remove the ten (10) screws to remove the rear panel of the RD 2500.

2. Loosen the five (5) screws on the terminal block at the bottom edge of the circuit board. Pull each wire out of the terminal block.

3. Loosen the plastic nut on the cable strain relief on the bottom panel of the enclosure and pull the cable out of the enclosure.

4. After routing the cable back to the RD 2500, insert the cable through the cable strain relief. Tighten strain relief nut snugly using a wrench. **Do not over-tighten**.


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RED/ORANGE
WHITE
GREEN
YELLOW
BLACK/BLUE
```
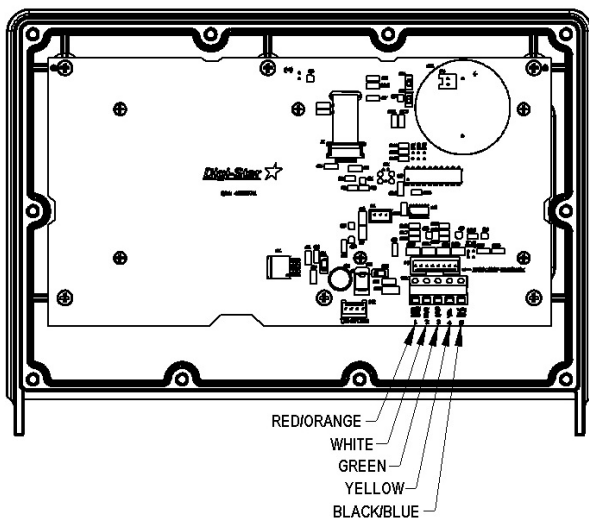
5. Place the wires in their correct locations as marked on the circuit board and tighten the screws on the terminal blocks securely.

6. Connect the RD 2500 cable to the "REMOTE" connector on your EZ indicator and verify that the unit works properly. If RD 2500 does not work properly, check the terminal block connections.

7. Install the rear cover using the ten (10) screws.

T/R Option

The RD2500 can be equipped with a T/R Radio Control feature. This option allows the operator to "Advance Ingredient" or "Tare" the indicator using a hand held remote control.

RS232 Communication

The RD2500 can be equipped to communicate via RS232 instead of the default remote communications method.

RS232 Jumper Configurations

JP4 open	JP5 installed

9600 Baud	JP3 open

1200 Baud	JP3 installed

RS232 Terminal Block Connections:

1 Red/Orange	12V DC
2 White	No Connection
3 Green	No Connection
4 Yellow	Data
5 Black/Blue	Gnd

NOTE: Wire colors for RS232 may not match PCB labeling

Default Remote Communication

Default Jumper Configurations

JP4 installed	JP5 open

Default Terminal Block Connections:

1 Red/Orange	12V DC
2 White	Remote Zero
3 Green	Segment
4 Yellow	Clock
5 Black/Blue	Gnd

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