



## RF DATA COLLECTOR

MODEL 22240

FCC ID #OBH22240

### PLEASE SAVE THESE IMPORTANT SAFETY AND OPERATING INSTRUCTIONS

For correct operation of the equipment, it is important to read and be familiar with this entire manual before installing and operating the charger.  
**DO NOT DISCARD THIS MANUAL AFTER READING.**



**LOOK FOR THIS SYMBOL TO POINT OUT SAFETY PRECAUTIONS. IT MEANS: *BECOME ALERT—YOUR SAFETY IS INVOLVED.* IF YOU DO NOT FOLLOW THESE SAFETY INSTRUCTIONS, INJURY OR PROPERTY DAMAGE CAN OCCUR.**

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

#### INSTALLATION INSTRUCTIONS

Tools needed to install RF Data Collector Model 22240: 11/32" nut driver, Phillips screwdriver, Anderson Connector-Terminal Cable extractor

**⚠ CAUTION: USE CAUTION WHEN WORKING WITH INDUSTRIAL BATTERIES; THEY CAN BE VERY DANGEROUS. INDUSTRIAL BATTERIES CONTAIN ACID (ELECTROLYTE SOLUTION) WHICH CAN CAUSE CHEMICAL BURNS AND SERIOUS HARM TO SKIN AND EYES. ALWAYS WEAR APPROVED PROTECTIVE EYE GOGGLES AND RUBBER GLOVES. AVOID PROLONGED BREATHING OF BATTERY VAPORS; WORK IN A WELL-VENTILATED AREA. BATTERY VAPORS CAN BE FLAMMABLE. DO NOT REST TOOLS ON TOP OF BATTERY OR ALLOW ANY METAL OBJECTS TO COME IN CONTACT WITH BATTERY POSTS OR INTER-CELL CONNECTORS.**

#### ASSEMBLY PROCEDURE

1. Examine the cables between the battery and DC plug. With caution, use the Anderson Terminal-Cable extractor to remove only the positive (RED) battery cable contact from the battery DC plug housing.
2. From the RF Data Collector case assembly, remove the bottom half of the case and the plastic cord clamping device.
3. Carefully slide the positive (RED) cable contact through the BLUE ring toroid, located in the top half of case, with the ring "end" of the Data Collector facing the battery. Reposition the RED cable contact inside the battery DC plug housing. Locate the RF Data Collector case top (with LED facing up) close to the DC plug housing and outside of all metal enclosures.
4. Lay the negative (BLACK) battery cable in the area provided next to the positive (RED) cable.
5. Position the plastic battery cable clamp over both of the wires so that the clamp slides easily over the studs located in the RF Data Collector. Verify that the arrows on top of the clamp point toward the BLUE ring/battery end of the cables.
6. Using hand pressure only, carefully exert downward force on the plastic battery cable clamp until enough of the studs protrude through the clamp to allow starting the hex nuts.

7. Tighten the hex nuts evenly. Never exceed 30 pound-inches of torque on the nuts. Failure to tighten the nuts evenly or overtightening can cause loss of electrical connection, part breakage, or cable damage.
8. Assemble the bottom cover to the unit.
9. Insert the four cover screws in the holes provided. Do not overtighten.

**OPERATIONAL INSTRUCTIONS –  
RF Data Collector Model 22240**

10. The LED located on top of the RF Data Collector should be blinking from RED to GREEN rapidly, indicating a proper installation. If the LED does

not blink, verify the polarity of connections to determine the cause.

11. During normal operation of the battery, the LED on the RF Data Collector will blink RED, indicating a run or discharge condition. The LED will blink GREEN while the battery is being charged.

There are no user serviceable parts in the Universal Transceiver or Base Station PC. Any attempt to access or repair any internal components will void the manufacturer's warranty.

For product warranty or customer assistance, please contact Lester Electrical, Inc. at (402) 477-8988.

Manufactured by Lester Electrical, Inc.  
Lincoln, Nebraska