

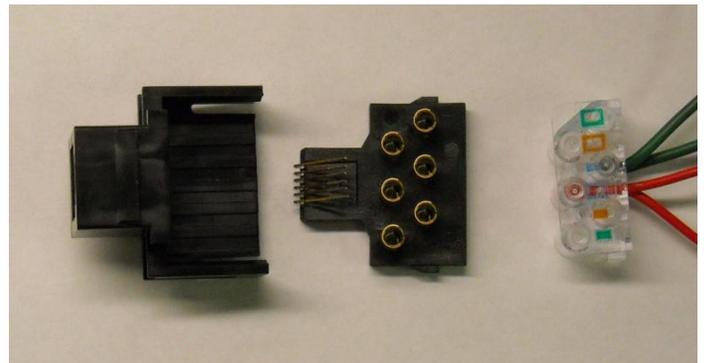
Replacing the RJ11 Jack in your IST Scoreboard

If the RJ11 (phone style) jacks in your scoreboard lines become corroded or pins break off, you will need to replace them. Call IST to order part number RJ11PMNT, specifying the quantity you need, then follow the instructions below:

1. Remove the lens from the affected line by pushing it up and pulling out from the bottom. **Please handle the lens with care—if it is dropped, it could shatter and cause serious injury.** Set the lens aside.
2. You will need to remove the LED panel at the right end of the scoreboard line to access the RJ11 jack from inside the case. Remove the white plastic pop rivet (if installed) from the center top of the panel by pulling the pin out with pliers or pushing it through to the back. The rest of the rivet should then pull out easily.
3. Remove the panel from the line by pushing it up and pulling out from the bottom. You will see an orange connector (or 1 orange and 1 gray connector if it is in a scrolling line). Carefully remove the connector from the board. (Gray connectors on scrolling lines have latches on either side. Push the latches open and slide the center of the connector off the board.)



4. Working from the outside of the case, use a screwdriver to push up the latch at the bottom of the RJ11 jack so it drops into the inside. Clip the red and green wires close to the old jack.
5. The new jack comes apart, as shown. Slide the ends of the red and green wires into the clear plastic holder as show, or use the old jack as a guide for wire placement. The 2 red wires go in the same slot—same for the 2 green. (Single line boards may have only 1 wire of each color.) Slide the plastic holder over the silver barrels on the middle section and crimp the 2 parts together firmly with pliers. Next, slide that section into the case, being careful to line up the gold pins with the slots in the case.



6. The assembled jack should now slide into the hole in the end plate and snap into place.
7. Reinstall the LED panel in the scoreboard by plugging in the connector(s) that you removed earlier. The connector(s) are keyed and will only connect properly in one direction. Fit the panel in the upper groove in the scoreboard case and let it slide into the lower groove. If the other panels in the line have slid to the side, you may want to slide all the panels to the left so they fit tightly together. This is especially important in scrolling lines to get a smooth scrolling display. It is not necessary to replace the pop rivet—it is only there to hold the panels in place during shipping.
8. Replace the lens by fitting it in the upper groove in the scoreboard case and letting it slide into the lower groove. Check diagnostics to be sure the board is now operating properly.

If you have any problems, call IST at 800/835-2611 for assistance.