

Hardware

Steps to Replace a Line Controller

For ease of re-addressing new line controllers, DPS recommends that each customer have a 10' cable (straight through) to go from the P/C to the new line controller and 4 spare displays with wires to connect to the controller. This way nothing else has to be disconnected and then reconfigured.

1. TURN OFF THE POWER SUPPLY BOXES.
2. Connect controller to be addressed (new or used) to the PC with a straight through cable, or you can disconnect the power and cable going to the first controller and connect to the new controller.
3. Connect 4 displays to the controller and do not place the terminator pin in the last controller.
4. Turn on the power supply box(es).
5. Displays will show "OPEN". The next 2 steps detail how to make use of stand-alone diagnostics now that you have accessed them with procedures taken so far.
6. Press the button on the first display after the master display. The first four displays will show systems parameters. The master display shows system baud rate. The next shows controller version number. The next shows maximum number of displays allowed for the controller. The next shows either a 1 or a 2.
7. Press the zone master button (first display) and all displays will show their addresses. The controller address will appear in the first two positions on the display, and the display address will appear in the last two positions with a colon separating them.
8. Go to the Pick System PC and enter Code P35.
9. Choose option '4. Hardware Diagnostics'.
10. Choose option '5. Reassign Line Controller Address'.
11. You will be prompted for 'Enter Line Controller: '. Enter line controller address currently displayed on the bin displays. The first 2 positions in the display are the controller address.
12. Next you will be prompted for the 'New Line Controller Address'. Enter the new line controller address. After you enter the new address, it should automatically display on the displays.
13. TURN OFF THE POWER SUPPLY BOXES.
14. Place new line controller into its proper place on the line and you are done.