Using the HCP with Tucor's 3DLD-050

1) Connecting the Decoder & Verify Programming

a) Turn the HCP on be pressing **ON/OFF.**

b) Connect the Line wires (blue) to terminals 1 & 2 (left side). Connect the Output wires (white) to terminals 3 & 4 (right side).

c) Press **OK.**

d) The HCP-100 will attempt to communicate with the decoder. Display will show ***Applying Dec power, Please Wait*** (Figure 1).

e) You will see RKDL050-3 and the decoder address. A decoder without any programming will show "Address : New".

Figure 1

2) Programming the 3DLD-050

a) To program or reprogram a 3DLD-050, press **OK** once to view the Function menu. Press **OK** again to select "Address".

b) Use the Up & Down arrows until you navigate to the correct address value. 3DLD-050s can only be programmed as:

    i) Hybrid 3D-6 – ST1-ST6 & MV

    ii) Hybrid 3D-24 – ST1-ST24 & MV

c) Press **OK** again to reprogram as to the correct value. ***Programmed Ok*** will show when programming is complete.

d) As an extra verification step, restart the HCP by pressing the **ON/OFF** button. Select **OK**. You should now see the correct address.

3) Testing the 3DLD-050

a) To program or reprogram a 3DLD-050, press **OK** once to view the Function menu.

b) Use the Up & Down arrows to navigate to "Test". Press **OK**.

c) Press OK to select "Test Outputs". You should now see prompts for proceeding with the test, "Connect Output 1". Press **OK** to Test Output 1.

    i) The test will result in "OK" or "FAIL". If the test results in "FAIL" take care to verify that the decoder Line wires are properly installed in the programmer terminals.

d) When complete use the Up & Down arrows to navigate to "Finish". Press **OK.**