Program Track Programming
Setting the Locomotive Address for ESU LokSound/LokPilot decoders with a Digitrax DT type throttle:

Program track programming (DIR MODE):

1) Turn on your Digitrax system and be sure that your "Track Status" light is lit and that you have track power. If not, press the PWR key and then the Y+ key to turn track power on.

2) Test the locomotive on the mainline. If this is a brand new locomotive out of the box press: LOCO-3-ENTER to select it. Try the lights, sound if applicable, and motion. If sound equipped, the horn and bell will operate with the prime mover sounds off. If all are working, you can proceed to program the locomotive address. Stop the locomotive in a convenient location and move it to your program track.

3) Your program track needs to be directly connected to the program track outputs (PROG A and PROG B) of your Digitrax command station. ESU decoders do not require a program track booster. If you have a program track booster such as the PTB-100 or PowerPax connected in-line between your DCC system and your program track, you'll need to bypass it for programming ESU decoders.

4) Press the PROG key until you see CVNo Pd dAT in the bottom row of the display.

5) The screen should show AD2 = ???. If not, turn the left throttle knob counter clockwise until it does. If you are setting a 2-digit address (range is 1-127), you can type it in, press ENTER and then EXIT, then skip to step 9.

6) If you are setting a 4-digit address, press down on the right throttle knob to change the screen to show AD4==???. You can either turn the right throttle knob to select the address that you want OR you can type it in directly. The range is 128 to 9983. If you make a mistake, type an extra number. The screen shows 9983 and will now let you start over. When your screen shows the address that you want, press ENTER.

7) You now have about 4 seconds to press the Y+ key to activate the 4-digit address. If you do not press the Y+ key in time the screen reverts back to AD4==(your desired address). You can press ENTER again and then have another chance to press Y+ to activate the address. The address must be activated in order to work.

8) If you have successfully pressed Y+ and activated your desired address, you can press the EXIT key and move the locomotive back to the mainline. You cannot operate the locomotive on the program track.

9) With the locomotive on the mainline, select your new address by pressing LOCO (your desired address) and ENTER. The lights, sound if applicable, and motion should all be working properly.

Digitrax systems will not program or operate locomotive addresses of 9984 to 9999.