



DECODER PROGRAMMING WITH DT400







Address programming

You need to be connected to Loconet to perform this operation. Ops mode cannot be used to program address.

Four digit address.



1. Press  to enter program mode.
2. Press  repeatedly to select which programming mode to use.

Display	Mode	Location	Use
Pg	Page	Program track	Most decoders will use this one
Ph	Physical Resgister	Program track	For really old decoders, limited functionality
Pd	Direct	Program track	For advanced decoders, slightly faster
Po	Operation	Main line	Not valid for address programming



3. Turn the left knob  to select CV1, displayed as Ad2.
3. Press right knob  to select Ad4.
4. On the keypad, enter address you want.
5. Press  to program the four digit address to the decoder. If you see do not see the word "Good" flash on the display, keep pressing  until you do. If you keep getting something other than "Good" then you probably have a problem with your decoder installation.
6. When asked "Ad4on?" press , you only have a few seconds to do this so be ready.
7. Press  to exit programming mode.



CV Programming

You need to be connected to Loconet to perform this operation, except for Operations mode, which can be done via radio.

1. Press  to enter program mode.
2. Press  repeatedly to select which programming mode to use.




Display	Mode	Location	Read	Use
Pg	Page	Program track	Yes	Most decoders will use this one
Ph	Pysical Resgister	Program track	Yes	For really old decoder, limited functionality
Pd	Direct	Program track	Yes	For advanced decoders, slightly faster
Po	Operation	Main line	No	For programing on the main line





3. Use the left knob  to select which CV to view or change.
4. Press  to if you want to display value currently in selected CV (not available in Operation mode) (optional).

5. Turn right knob  to new value, note the value can be displayed in decimal or Hex. Press the right knob  to change display.

Display	Mode	Range
=VVV	Decimal	0-255
=xVV	Hexadecimal	00-FF

Where V is a varying numeric digit, 0-9 for decimal and 0-9+A-F for Hex.

6. Press  to program selected value into selected CV. If you see do not see the word “Good” flash on the display, keep pressing  until you do. If you keep getting something other than “Good” then you probably have a problem with your decoder installation.
7. Repeat steps 3 through 6 for additional CVs your wish to display or change.
8. Press  to exit program mode.

Note: If the left side has this  icon displayed the numeric keypad will enter numbers for CV number. If the right side has this  icon displayed the numeric keypad will enter numbers for CV value. Turning the left knob will cause the left  icon to be displayed, turning the right knob will cause the right  icon to be displayed.