





DT100 PROGRAMMING













Address programming

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





Two digit address.

1. Press and hold  and press and release  then release  to enter program mode.
2. Press  repeatedly to select which programing mode to use.




Display	Mode	Location	Use
PA GE	Page	Program track	Most decoders will use this one
PH YS	Physical Resgister	Program track	For really old decoder, limited functionality
d, r	Direct	Program track	For advanced deocoders, slightly faster
OP S	Operation Mode	Main line	Not valid for address programming













3. Use the left knob  to select CV1, displayed as Ad:--.
4. Press  to if you want display current address (optional).
5. Turn right knob  to new address.
6. Press  to program selected address. If you see FAIL or BUSY keep pressing  until you see 600d, if you keep getting something other than 600d then you probably have a problem with your decoder installation.
7. Use the left knob  to select CV29.
8. Use the right knob  to set value to 02 (no analog operation) or 06 (with analog operation).
9. Press  to program selected value into selected CV. If you see FAIL or BUSY keep pressing  until you see 600d, if you keep getting something other than 600d then you probably have a problem with your decoder installation.
10. Press and hold  and press and release  then release  to exit program mode.

Four digit address.

1. Press and hold  and press and release  then release  to enter program mode.
2. Press  repeatedly to select which programing mode to use.





Display	Mode	Location	Use
PA GE	Page	Program track	Most decoders will use this one
PH YS	Physical Resgister	Program track	For really old decoder, limited functionality
d, r	Direct	Program track	For advanced deocoders, slightly faster
OP S	Operation Mode	Main line	Not valid for address programming

3. Use the left knob  to select CV18.
4. Press  to display value of CV18.
5. Press  again to display four digit address currently programmed in decoder.









6. Turn left knob  and right knob  to new address.
7. Press  to program selected address. If you see **FAIL** or **BUSY** keep pressing  until you see **Good**, if you keep getting something other than **Good** then you probably have a problem with your decoder installation.
8. Press  to return to normal CV programming mode.
9. Use the left knob  to select CV29.
10. Use the right knob  to set value to 22 (no analog operation) or 26 (with analog operation).
11. Press  to program selected value into selected CV. If you see **FAIL** or **BUSY** keep pressing  until you see **Good**, if you keep getting something other than **Good** then you probably have a problem with your decoder installation.
12. Press and hold  and press and release  then release  to exit program mode.

CV Programming

You need to be connected to Loconet to perform this operation, except for Ops mode.

1. Press and hold  and press and release  then release  to enter program mode.
2. Press  repeatedly to select which programing mode to use.

Display	Mode	Location	Use
PAGE	Page	Program track	Most decoders will use this one
PHYS	Physical Resgister	Program track	For really old decoder, limited functionality
dir	Direct	Program track	For advanced deocoders, slightly faster
OPS	Operation Mode	Main line	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 OPS mode) (optional).
5. Turn right knob  to new value, note the value is displayed in Hex.
6. Press  to program selected value into selected CV. If you see **FAIL** or **BUSY** keep pressing  until you see **Good**, 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 and hold  and press and release  then release  to exit program mode.