


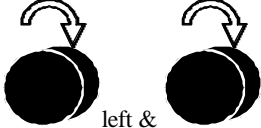
DCC THROTTLE CLINIC
UNIT 3 - DIGITRAX THROTTLE
4 DIGIT ADDRESS SELECTION

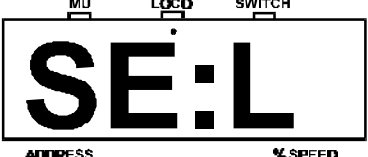
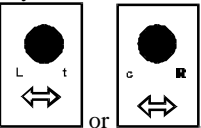
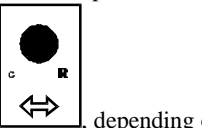
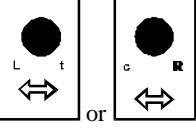

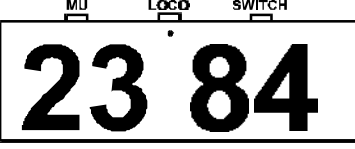
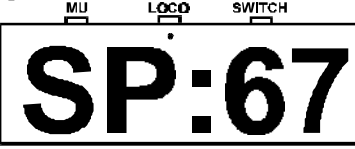


Prepared by Robert B. Rodriguez
 For use by the Prince William County
 Model Railroad Club, Inc. Oct. 2000

This unit teaches the user to select and de-select a 4 digit decoder address. Newer 4 digit decoders from Digitrax and other manufacturers utilize 4 digit addresses.

You should have familiarized yourself with DT100 Anatomy in Unit 1. If you have not, please read Unit 1 before proceeding with Unit 2 or 3.

4 Digit Address Selection

Activity	Graphic Representation	Result												
Turn the throttle knob of the throttle you wish to use (left or right) about 1/8 of a turn.		The LCD Data Display should read "SE:L" <div style="text-align: center;"> <table style="margin: auto; border: none;"> <tr> <td style="text-align: center; font-size: small;">MU</td> <td style="text-align: center; font-size: small;">LOCO</td> <td style="text-align: center; font-size: small;">SWITCH</td> </tr> <tr> <td colspan="3" style="text-align: center;">.</td> </tr> <tr> <td colspan="3" style="text-align: center; font-size: 2em; font-weight: bold;">SE:L</td> </tr> <tr> <td style="text-align: center; font-size: x-small;">ADDRESS</td> <td></td> <td style="text-align: center; font-size: x-small;">%SPEED</td> </tr> </table> </div>	MU	LOCO	SWITCH	.			SE:L			ADDRESS		%SPEED
MU	LOCO	SWITCH												
.														
SE:L														
ADDRESS		%SPEED												
Hold down SEL / SET key and turn one of the throttle knobs 1/8 of a turn to enter the 4 digit Select Address Mode.	<div style="display: flex; align-items: center; justify-content: center;"> <div style="border: 1px solid black; padding: 2px; margin-right: 5px;"> BEL ● SET </div> <div style="text-align: center;"> <p>Hold Down</p> <p>The EXP light will be steady RED. The colon on the LCD display will be off.</p> </div> </div>	The left hand side of the LCD display will show the first 2 digits of a 4 digit address. The right hand side of the display will show the last 2 digits of a 4 digit address. <div style="text-align: center;"> <table style="margin: auto; border: none;"> <tr> <td style="text-align: center; font-size: small;">MU</td> <td style="text-align: center; font-size: small;">LOCO</td> <td style="text-align: center; font-size: small;">SWITCH</td> </tr> <tr> <td colspan="3" style="text-align: center;">.</td> </tr> <tr> <td colspan="3" style="text-align: center; font-size: 2em; font-weight: bold;">23 84</td> </tr> <tr> <td style="text-align: center; font-size: x-small;">ADDRESS</td> <td></td> <td style="text-align: center; font-size: x-small;">%SPEED</td> </tr> </table> <p>Here, we are selecting loco # 2384.</p> </div>	MU	LOCO	SWITCH	.			23 84			ADDRESS		%SPEED
MU	LOCO	SWITCH												
.														
23 84														
ADDRESS		%SPEED												
Turn the left throttle knob up or down until to reach the first 2 digits of the loco number you want. Turn the right throttle knob up or down until to reach the last 2 digits of the loco number you want.	 <p style="text-align: center;">left & right</p>	The left side of the LCD will display the first 2 digits of the 4 digit loco number you want. The right side of the LCD will display the last 2 digits of the 4 digit loco number you want.												
Press SEL / SET key again to select the 4 digit address once you see it in the left side of the LCD display.	<div style="display: flex; align-items: center; justify-content: center;"> <div style="border: 1px solid black; padding: 2px; margin-right: 5px;"> BEL ● SET </div> <div style="text-align: center;"> <p>Press</p> <p>The EXP light will be steady RED.</p> </div> </div>	If you were successful, the display will show the loco number as a solid number on the left side and right side of the display. Also the left or right Direction Indicator will be flashing RED or GREEN depending on the throttle you are using and the direction the loco is set to go. <div style="text-align: center;"> <table style="margin: auto; border: none;"> <tr> <td style="text-align: center; font-size: small;">MU</td> <td style="text-align: center; font-size: small;">LOCO</td> <td style="text-align: center; font-size: small;">SWITCH</td> </tr> <tr> <td colspan="3" style="text-align: center;">.</td> </tr> <tr> <td colspan="3" style="text-align: center; font-size: 2em; font-weight: bold;">23 84</td> </tr> <tr> <td style="text-align: center; font-size: x-small;">ADDRESS</td> <td></td> <td style="text-align: center; font-size: x-small;">%SPEED</td> </tr> </table> <p>Here Loco #2384 is selected.</p> </div>	MU	LOCO	SWITCH	.			23 84			ADDRESS		%SPEED
MU	LOCO	SWITCH												
.														
23 84														
ADDRESS		%SPEED												

<p>If selecting a loco doesn't work....</p>		<p>If you tried to access a loco that is already active, your display will change back to SE:L and the throttle direction indicator will not light up</p>
<p>You will need to change your loco's number or wait until the active loco leaves the layout.</p>		
<p>If you are successful, press the</p>  <p>or</p>  <p>, depending on which throttle you are using, to set your loco's direction (GREEN = forward, RED = reverse)</p>	<p>Press</p> 	<p>The left or right throttle direction indicator will flash red or green each time you depress the direction key.</p>
<p>Turn the throttle knob slowly. Your loco will begin to move in the direction you set.</p>		<p>Your LCD display will show the loco number on the left side and right side of the LCD display. The display will change periodically to SP:XX, where XX is the speed of your loco. The display will return to your loco number afterward.</p>  <p>Here loco 2384 is selected. The display changes momentarily to show the loco's speed at 67% of maximum speed.</p> 
<p>To release a loco when you are finished operating.....Press the SEL / SET key, then the MODE / DISP key. Your loco is now released from the throttle.</p>	<p>Press</p>  <p>, then</p> 	<p>If you were successful, your LCD display will read SE:L and your direction indicator will be off.</p>