

DCC THROTTLE CLINIC
UNIT 4 - DIGITRAX THROTTLE
MULTI-UNIT CONSIST SELECTION


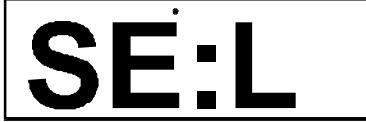
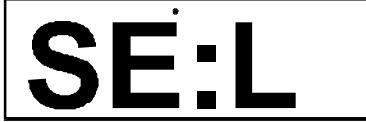
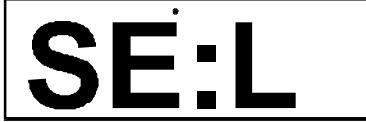






Prepared by Robert B. Rodriguez
 For use by the Prince William County
 Model Railroad Club, Inc. Oct. 2000


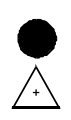


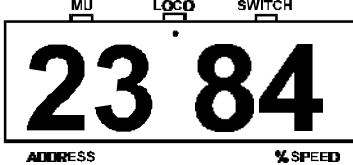


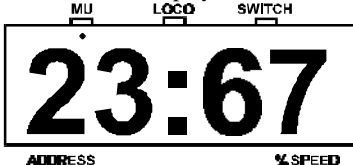

This unit teaches the user to select and de-select a multi-unit consist containing one or more DCC locomotives. Locomotives may either be 2 digit or 4 digit address decoders.

You should have familiarized yourself with DT100 Anatomy in Unit 1. If you have not, please read Unit 1 before proceeding with Unit 4.

You should have familiarized yourself with DT100 2 Digit and / or 4 Digit address selection in Unit 2 and 3. If you have not, please read Unit 2 and 3 before proceeding with Unit 4.

Multi-Unit Consist Selection

Activity	Graphic Representation	Result									
Turn the throttle knob of the Right throttle 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="font-size: small;">MU</td> <td style="font-size: small;">LOCO</td> <td style="font-size: small;">SWITCH</td> </tr> <tr> <td colspan="3" style="text-align: center;">  </td> </tr> <tr> <td style="font-size: x-small;">ADDRESS</td> <td colspan="2" style="font-size: x-small;">% SPEED</td> </tr> </table> </div>	MU	LOCO	SWITCH				ADDRESS	% SPEED	
MU	LOCO	SWITCH									
											
ADDRESS	% SPEED										
Select a 2 or 4 digit address and assign it to the right throttle. The loco you assign to the right throttle should be your lead locomotive in the consist.	See Units 2 or 3 for 2 digit and 4 digit address selection.	The right Direction Indicator light will flash RED or GREEN according to the direction set for your loco. The LCD will display your loco number. The EXP light will be off for 2 digit or steady RED for 4 digit address.									
Turn the throttle knob of the Left throttle 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="font-size: small;">MU</td> <td style="font-size: small;">LOCO</td> <td style="font-size: small;">SWITCH</td> </tr> <tr> <td colspan="3" style="text-align: center;">  </td> </tr> <tr> <td style="font-size: x-small;">ADDRESS</td> <td colspan="2" style="font-size: x-small;">% SPEED</td> </tr> </table> </div>	MU	LOCO	SWITCH				ADDRESS	% SPEED	
MU	LOCO	SWITCH									
											
ADDRESS	% SPEED										
Select a 2 or 4 digit address and assign it to the left throttle. The loco you assign to the left throttle should be the next locomotive in the consist.	See Units 2 or 3 for 2 digit and 4 digit address selection.	The left Direction Indicator light will flash RED or GREEN according to the direction set for your loco. The LCD will display your loco number. The EXP light will be off for 2 digit or steady RED for 4 digit address.									
Locomotives may be positioned head to head, tail to tail, head to tail. Make sure that locomotive are set to travel in the SAME PHYSICAL DIRECTION.											
Press the MODE / DISP key twice until the MU Mode Indicator is on in the LCD Display	 Press  twice.	The MU Mode Indicator should be on in the LCD display.									

		
<p>Press the "+" key to MU the locos.</p>	<p>Press </p>	<p>If you turn the right throttle 1/8 turn you will see the address assigned to the right throttle and the right Direction Indicator LED will flash the color appropriate to the direction of the right loco. If you turn the left throttle 1/8 turn you will see c:n in the display and the left Direction Indicator LED will be off. Also the Mode Indicator has returned to Loco Mode.</p> 
<p>Turn the throttle knob slowly. Your locos will begin to move in the same 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 MU Consist when you are finished operating..... Press the MODE / DISP key twice until the MU Mode Indicator is on in the LCD Display</p>	<p>Press  twice.</p>	<p>The MU Mode Indicator should be on in the LCD display.</p> 
<p>Press the "-" key to break up the MU locos.</p>	<p>Press </p>	<p>If you turn the right throttle 1/8 turn you will see the address assigned to the right throttle and the right Direction Indicator LED will flash the color appropriate to the direction of the right loco. If you turn the left</p>

		<p>throttle 1/8 turn you will see the address assigned to the left throttle and the left Direction Indicator LED will flash the color appropriate to the direction of the right loco. Also the Mode Indicator has returned to Loco Mode.</p>
<p>To Deselect each locomotive from the throttles refer to Units 2 & 3.</p>		