

# Digitrax Function Decoders Specification Sheet

## TL1 Single DCC Function Decoder with Integrated Transponding



<b>Physical Size</b>	0.461" x 0.31" x 0.161" 11.7mm x 7.8mm x 4.1mm	<b>Current Rating</b>	Single output at 125 mA (250 peak)
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<b>Prod Date</b>	06/15/2001	<b>Discontinued</b>	Current	Replaced By	Current
<b>MSRP</b>	US\$16.95				

2 or 4 Digit Addressing	Yes
Programmable	Yes, from DCC Compatible Equipment
Transponding	Yes, Integrated
Functions	1

<b>Interface</b>	<b>Decoder End</b>	<b>Wires</b>	<b>Locomotive End/Plug</b>
TL1	Wired	4.0" 101.6mm	Wires

**Table I: Function for # for TL1's function output**

White Lead Responds To Function #	Transponding Enabled		Transponding Disabled	
	CV61	CV64	CV61	CV64
F1	02	00	00	00
F2	02	01	00	01
F3	02	02	00	02
F4	02	03	00	03
F0	03	00	01	00

**Table II CV49 Values for Configurable Strobe Effect Selection**

Value	Configurable Strobe Effect
00	Normal on/off
01	Simulated FRED
02	Simulated Mars
03	Slow Strobe
04	Single Pulse
05	Double Pulse
06	Medium Pulse
07	Mostly on blinking off

**Table III: CV62 Values for Setting Effect Rate**

00 (Slowest) to 07 (Fastest)
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