TOMIX TNOS SYSTEM
Operating Parameter Sets and Customization of Sets 1 – 10
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Revised 2020-07-26

Table of individual parameter values within each Operating Parameter Set
This is a table I have added from reading out the values on the Control Unit display. It is not in the manual.

Set	1 Lights	2 Start	3 Yel.	4 Grn.	5 Accel.	6 Decel.	7 Red	8 Delay	9 Stop	Notes
0	0	10	15	25	30	40	160	10	10	Default Operating Parameter Set
1-10	0	10	15	25	30	40	160	10	10	Default settings before customization
11	10	3	8	15	10	12	50	30	30	(11-17 see Parameter Set table above)
12	11	3	10	18	12	14	55	30	30	
13	12	3	12	20	12	14	60	30	30	
14	11	5	18	33	22	25	101	30	30	For in-train camera car
15	10	5	14	27	18	22	92	30	30	
16	11	5	18	33	22	25	101	30	30	Same as 14
17	12	5	22	37	22	25	111	30	30	

Table of Individual Operating Parameters

No.	Name	Range	Default *1	Notes
1	CL voltage	0-100	0	Sets a minimum pulse width, for Constant Lighting to work when stopped.
2	Start speed	0-100	10	Sets initial startup voltage. The higher the value, the higher the voltage.
3	Yellow speed	0-100	15	Sets top speed when running under a Yellow signal. Higher value = faster.
4	Green speed	0-100	25	Sets top speed when running under a Green signal. Higher value = faster.
5	Accel. rate	0-255	30	Sets acceleration rate. The higher the value, the quicker the acceleration.
6	Decel. rate	0-255	40	Sets the deceleration rate. The higher the value, the quicker deceleration.
7	Red Decel.	0-255	160	Sets “Red” signal deceleration rate. Higher value = quicker deceleration.
8	Start Delay	0-255	10	Sets Start Delay after signal changes from Red. Higher value = longer delay.
9	Stop Time	0-255	10	Sets Stop Time value. The higher the value, the longer train stays stopped.

*“10” = about 1 second, “100” = about 10 seconds, “255” = about 25 seconds. *2

Notes:
*1 The initial setting values will be the initial values in Parameter Sets 1 to 10 [which match default Set 0].
*2 The set time will be +3 seconds when wrapping [to a next repetition of the operating sequence]

Table of My Customized Sets for Trolleys and Trams (You should keep a written copy of your customized sets.)

Set	1 Lights	2 Start	3 Yellow	4 Green	5 Accel.	6 Decel.	7 Red	8 Delay	9 Stop	Notes
1	5	6	12	14	8	15	20	0	20	Tomytec trams and small EMUs (Japan)
2	3	10	28	32	20	20	90	0	20	Modemo trams (Japan)
3	0	30	40	45	30	25	120	0	20	Original Arnold Duewag GT6 (Germany)
4	0	10	30	40	30	20	70	0	20	Hodl Linie 8 Siemens Combino (Germany)
5	3	4	20	36	25	20	150	0	20	Bachmann Peter Witt with DCC (USA)
6	2	6	21	23	15	10	20	0	20	Kato/Lemke 2-axle trams (Japan)
7										
8										
9										
10										