

## Table of the Configuration Variables

CV	Description	Default
CV1	Loco address	3
CV2	Starting Voltage	0
CV3	Baseline Acceleration	6
CV4	Baselne Braking Rate	6
CV5	Top Speed	0
CV6	Mid Speed	0
CV7	Manufacturers Version Code (read only)	1
CV8	Manufacturers ID Code (read only)	141 8 for Reset all CVs
CV13	Function Outputs in Analog Mode	32
CV14	Function Outputs in Analog Mode	3
CV17	Long Loco Address	192
CV18	Short Loco Address	3
CV19	Consist Adresse 1	0
CV29	NMRA Configuration register	6
CV35	F1 Output Location	8
CV36	F2 Output Location	4
CV37	F3 Output Location	16
CV38	F4 Output Location	32
CV39	F5 Output Location	0
CV40	F6 Output Location	4
CV41	F7 Output Location	16
CV42	F8 Output Location	32
CV43	F9 Output Location	8
CV44	F10 Output Location	32
CV45	F11 Output Location	64
CV46	F12 Output Location	0
CV49	Front Light: Command Allocation	142
CV50	Rear Light: Command Allocation	129
CV59	Lighting Flash Rate	4
CV60	Grade Crossing Hold Time	4
CV63	Analog Starting Voltage	35
CV64	Analog Maximum Motor Voltage	255
CV66	Forward Trim	128
CV67	Freely Programmable Speed Curve	9
CV95	Reverse Trim	128
CV112	Sound Configuration 1	0
CV114	Bell Ring Rate	4
CV115	Whistle Select (select 0, 1 or 2)	0
CV116	Exhaust Control	17
CV118	Maximum Engine Recovery Speed	204
CV128	Master Volume Control	225
CV129	Channel 0 (Horn)	225
CV130	Channel 1 (Bell)	40
CV131	Channel 2 (Exhaust)	96
CV132	Channel 3 (Air pump)	40
CV133	Channel 4 (Generator)	32
CV134	Channel 5 (Blower)	16
CV135	Channel 6	0
CV136	Channel 7 (Steam release)	96

CV	Description	Default
CV137	Channel 8	0
CV138	Channel 9	0
CV139	Channel 10 (Brake squeal)	128
CV140	Channel 11 (Brake release)	64
CV141	Channel 12	0
CV142	Channel 13	0
CV143	Channel 14	0
CV144	Channel 15	0
CV145	Channel 16	0
CV146	Channel 17	0
CV147	Channel 18	0
CV148	Channel 19 (Shoveling coal)	64
CV149	Channel 20	0
CV150	Channel 21	0
CV151	Channel 22	0
CV152	Channel 23	0
CV193	Bell On Voltage	5
CV194	Bell Off Voltage	12
CV195	Whistle Sensitiffity	4
CV196	Brake Squeal Sensitiffity	3
CV197	Analog Auto Sound Enable 1	6
CV198	DCC Auto Sound Enable 1	0
CV201	Shoveling Coal Probability (0= OFF max. repeat = 255)	64
CV218	Analog Mode Engine Sound Start	15