

Bachmann HO EMD SD70ACe Sound Value™ Equipped

Horn Selections:

Nathan K5LLA (Default)	0
Nathan K5HL	1
Nathan P5 (Modern)	2

Prime Mover: EMD 710G3C-T2



Configuration Variable Defaults

CV #	Description	Default Value	CV #	Description	Default Value
1	Primary Address Control	03	116	Exhaust Control	39
2	V Start	00	118	Max Recovery Speed	204
3	Baseline Acceleration Rate	06	128	Master Volume Control	192
4	Baseline Braking Rate	05	129	Horn Volume Control	225
5	V Max	00	130	Bell Volume Control	64
6	V Mid	00	131	Exhaust Volume Control	120
7	Manufacturer Version ID	Read Only	133	Dynamic Brake Volume	120
8	Manufacturer ID	141	193	Automatic Bell ON Set Point	05
10	BEMF Cutout	00	194	Automatic Bell OFF Set Point	10
11	Packet Timeout Value	00	195	Grade Crossing Sensitivity	04
12	Alternate Power Source	01	197	Analog Mode Sound Config.	06
13	Analog Mode Functions	00	198	DCC Mode Auto Sound Config.	00
14	Analog Function Enable 1	03	209	Kp Coefficient	80
15	CV Unlock Code	00	210	Ki Coefficient	08
16	CV Lock Code	00	212	Motor Control Intensity	255
17	Extended Address	192	213	Motor Control Sample Period	08
18	Extended Address	03	214	Motor Control Aperture Time	08
19	Consist Address	00	216	BEMF Reference Voltage	140
21	Consist Function Group 1	00			
22	Consist Function Group 2	00			
23	Consist Acceleration Rate	00			
24	Consist Braking Rate	00			
25	Speed Table Register	16			
29	Configuration Register 1	22*			
30	Alternate Mode Selection	00			
33	F0(f) Output Location	03			
34	F0(r) Output Location	03			
35	F1 Output Location	08			
36	F2 Output Location	04			
37	F3 Output Location	16			
38	F4 Output Location	08			
39	F5 Output Location	00			
40	F6 Output Location	00			
41	F7 Output Location	16			
42	F8 Output Location	32			
43	F9 Output Location	00			
44	F10 Output Location	00			
49-50	Hyperlight Effects	142			
59	Flash Rate	04			
60	Crossing Hold Time	04			
63	Analog Mode Motor Start Voltage	35			
64	Analog Mode Max Voltage	180			
66	Forward Trim	128			
67-94	Speed Table	Varies			
95	Reverse Trim	128			
105	User Identifier #1	---			
106	User Identifier #2	---			
114	Bell Ring Rate	04			
115	Horn Selection	00			

* CVs 5 and 6 are inactive (00) when bit 4 (Speed Table Enable) of CV 29 is enabled (decimal value of 16).