

Bachmann HO EMD GP7 Sound Value™ Equipped

Horn Selections:

Leslie A125/A200 Combo (Default)	0
Nathan M3	1
Nathan M5	2

Prime Mover: EMD 567



Configuration Variable Defaults

CV #	Description	Default Value	CV #	Description	Default Value
1	Primary Address	3	128	Master Volume Control	192
2	V Start	0	129	Horn Volume Control	225
3	Baseline Acceleration Rate	6	130	Bell Volume Control	64
4	Baseline Deceleration Rate	5	131	Exhaust Volume Control	196
5	V Max	0	193	Automatic Bell ON Set Point	5
6	V Mid	0	194	Automatic Bell OFF Set Point	10
7	Manufacturer Version ID	Read Only	195	Grade-Crossing Horn Sensitivity	4
8	Manufacturer ID	141	197	Analog Mode Auto. Sound Config.	6
10	BEMF Cutout	0	198	DCC Mode Auto. Sound Config.	0
11	Packet Time-Out Value	0	209	Kp Coefficient	80
12	Power Source Conversion	1	210	Ki Coefficient	8
13	Analog Mode Functions (F1-F8)	0	212	Motor Control Intensity	255
14	Analog Mode Functions (F0, F9-F12)	3	213	Motor Control Sample Period	8
15	CV Unlock Code	0	214	Motor Control Aperture Time	8
16	CV Lock Code	0	216	BEMF Reference Voltage	140
17	Extended Address	192			
18	Extended Address	3			
19	Consist Address	0			
21	Consist Functions (F1-F8)	0			
22	Consist Functions (F0, F9-F12)	0			
23	Consist Acceleration Rate	0			
24	Consist Deceleration Rate	0			
25	Speed Table Selection	16			
29	Configuration Register 1	22*			
30	Alternate Mode Selection	0			
33	F0(f) Output Location	3			
34	F0(r) Output Location	3			
35	F1 Output Location	8			
36	F2 Output Location	4			
37	F3 Output Location	16			
38	F4 Output Location	0			
39	F5 Output Location	0			
40	F6 Output Location	0			
41	F7 Output Location	16			
42	F8 Output Location	32			
43	F9 Output Location	0			
44	F10 Output Location	0			
49	Hyperlight Effects	142			
50	Hyperlight Effects	141			
59	Flash Rate	4			
60	Grade-Crossing Hold Time	4			
63	Analog Mode Motor Start Voltage	35			
64	Analog Mode Max. Motor 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	6			
115	Horn Selection	0			
116	Engine Exhaust Control	39			

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