

Bachmann HO EMD F7A Sound Value™ Equipped

Horn Selections:

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



Prime Mover: EMD 567 Non-Turbo

Configuration Variable Defaults

CV #	Description	Default Value	CV #	Description	Default Value
1	Primary Address Control	03	130	Bell Volume	64
2	V Start	00	131	Exhaust Volume	148
3	Baseline Acceleration Rate	06	193	Automatic Bell ON Set Point	05
4	Baseline Braking Rate	05	194	Automatic Bell OFF Set Point	10
5	V Max	00	195	Grade Crossing Sensitivity	04
6	V Mid	00	197	Analog Mode Sound Config.	06
7	Manufacturer Version ID	Read Only	198	DCC Mode Auto Sound Config.	00
8	Manufacturer ID	141	209	Kp Coefficient	80
10	BEMF Cutout	00	210	Ki Coefficient	08
11	Packet Timeout Value	00	212	Motor Control Intensity	255
12	Alternate Power Source	01	213	Motor Control Sample Period	08
13	Analog Mode Functions	00	214	Motor Control Aperture Time	08
14	Analog Function Enable 1	03	218	Analog Mode Engine Start	15
15	CV Unlock Code	00			
16	CV Lock Code	00			
17	Extended Address	192			
18	Extended Address	03			
19	Consist Address	00			
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	00			
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	Hyperlight Effects F0(f)	142			
50	Hyperlight Effects F0(r)	141			
59	Flash Rate	04			
60	Crossing Hold Time	00			
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	02			
116	Engine Exhaust Control	39			
128	Master Volume	192			
129	Horn Volume	225			

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