

# Bachmann N EMD DD40AX Sound Value™ Equipped

## Horn Selections:

Leslie S5T (Default)	0
Leslie S3L	1
Leslie RS5T	2

**Prime Mover:** Dual EMD 645 Turbo



## Configuration Variable Defaults

CV #	Description	Default Value	CV #	Description	Default Value
1	Primary address Control	03	116	Exhaust Control	39
2	V Start	00	128	Master Volume Control	192
3	Baseline Acceleration Rate	06	129	Horn Volume Control	225
4	Baseline Braking Rate	06	130	Bell Volume Control	64
5	V Max	00	131	Exhaust Volume Control	148
6	V Mid	00	133	Dynamic Brake Volume	120
7	Manufacturer Version ID	Read Only	193	Automatic Bell ON Set Point	05
8	Manufacturer ID	141	194	Automatic Bell OFF Set Point	10
10	BEMF Cutout	100	195	Grade Crossing Sensitivity	04
11	Packet Timeout Value	00	197	Analog Mode Sound Config.	06
12	Alternate Power Source	01	198	DCC Mode Auto Sound Config.	00
13	Analog Mode Functions	48	209	Kp Coefficient	100
14	Analog Function Enable 1	03	210	Ki Coefficient	10
15	CV Unlock Code	00	212	Motor Control Intensity	255
16	CV Lock Code	00	213	Motor Control Sample Period	07
17	Extended Address	192	214	Motor Control Aperture Time	07
18	Extended Address	03	216	BEMF Reference Voltage	140
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	00			
29	Configuration Register 1	06			
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	02			
40	F6 Output Location	04			
41	F7 Output Location	16			
42	F8 Output Location	32			
43	F9 Output Location	00			
44	F10 Output Location	00			
49	Hyperlight Effects	142			
50	Hyperlight Effects	141			
51	Hyperlight Effects	136			
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			