

Bachmann N EM-1 2-8-8-4

with **Econami**™ SoundValue™



Default Values

CV 120 Whistles	Value	CV 120 Whistles	Value
Lunkenheimer Flat Top 3-Chime	0	Southern Pacific Step Top 6-Chime	8
Hancock Step Top 3-Chime	1	Southern Railway Flat Top 3-Chime	9
Baldwin Single-Chime	2	Round Top Single-Chime "Peanut"	10
Boston & Maine Step Top 5-Chime	3	Reading Flat Tip 6-Chime	11
ATSF Step Top 6-Chime	4	Southern Pacific GS-4 No.4449 Whistle	12
Baltimore & Ohio 3-Chime	5	N&W Step Top 3-Chime No.611	13
Nathan Step Top 5-Chime D&RGW No.488	6	N&W Flat Top Single-Chime No.1218	14
D&RGW Step Top 5-Chime K-36 No.487	7	Leslie A200 Airhorn SP GS-AC Classes	15

CV 122 Bells	Value	CV 122 Bells	Value	CV 122 Bells	Value
Heavy Brass	0-4 (3 Default)	Medium Brass (1)	10-14	Light Steel	20-24
Light Brass	5-9	Medium Brass (2)	15-19	Air-rung Heavy Brass	25-26 (25 Default)

CV 123 Exhaust Chuffs	Value	CV 123 Exhaust Chuffs	Value
Light	0	Heavy	2
Medium	1	Geared	3

CV 124 Airpumps	Value	CV 124 Airpumps	Value
Single-Phase	0	Dual Cross-Compound	3
Cross-Compound	1	Vacuum Pump	4
Dual Single-Phase	2		

CV 125 Dynamos	Value	CV 125 Dynamos	Value	CV 125 Dynamos	Value	CV 125 Dynamos	Value
Dynamo (1)	0	Dynamo (2)	1	Dynamo (3)	2	Dynamo (4)	3

Default Function Assignments

F0	Front/Rear Light & Dynamo	F6	Drift Disable	F13	Coupler/Uncouple
F1	Bell	F7	Dimmer	F14	Switching Mode
F2	Whistle	F8	Mute	F16	Water Stop
F3	Short Whistle	F9	Grade-Crossing Signal	F23	"All Aboard!"/Coach Doors
F4	Cylinder Cocks	F10	Blowdown		
F5	Drift Enable	F11	Brake Squeal/Release		

Default Volume Settings

CV	Sound Effect	Volume	CV	Sound Effect	Volume	CV	Sound Effect	Volume
128	Master Volume	160	134	Blower	25	142	Johnson Bar	64
129	Whistle	128	135	Side Rod Clank	50	144	Steam Hiss	255
130	Bell	100	136	Cylinder Cocks	100	146	Water Stop	50
131	Exhaust Chuff	180	137	Coupler	128	148	Emergency Stop	70
132	Airpump	65	139	Brake Squeal	100	149	Glad Hand	150
133	Dynamo	28	140	Brake Release	70	150	"All Aboard!"/Coach Doors	192

Configuration Variable Default Values

CV	Description	Value	CV	Description	Value	CV	Description	Value
29	Configuration Data 1	6	59	Lighting Flash Rate	3	126	Coupler Select	129
49	Headlight Configuration	145	105	User Identifier 1	1	197	Analog Mode Auto-Sound Enable7	14
50	Backup Light Configuration	143	106	User Identifier 2	5	1.259-1.262	FX3-FX6 Function Mapping	255
57	Forward Direction Enable	1	197	Analog Auto Sound Enable	14			
58	Reverse Direction Enable	3	112	Sound Configuration 1	192			

If a CV or a sound selection is not listed within this documentation, the default value or selection choices match those of aftermarket SoundTraxx products. For more information about unlisted items, please refer to the Econami product documentation found on our website.