

# Bachmann 4-8-4 Class J N Scale

with **Econami**™ SoundValue™



## Default Values

CV 120 Whistles	Value	CV 120 Whistles	Value
ATSF Step Top 6-Chime	0	Lunkenheimer Flat Top 3-Chime	8
Baltimore & Ohio 3-Chime	1	L&N Passenger 3-Chime	9
N&W Step Top 3-Chime No. 611	2	L&N Freight 3-Chime	10
Crosby 5" Flat Top 3-Chime	3	Nathan Step Top 5-Chime	11
Crosby 6" Flat Top 3-Chime (Yard)	4	Reading Flat Top 6-Chime (1)	12
Hancock Short Bell 3-Chime (Road)	5	SR 8" Flat Top Single-Chime	13
Illinois Central 3-Chime "Steamboat"	6	SR Iron Top 3-Chime	14
Lima Step Top 5-Chime	7	SR Flat Top 3-Chime	15

CV 122 Bells	Value	CV 122 Bells	Value	CV 122 Bells	Value
Heavy Brass	0-4	Medium Brass (1)	10-14	Light Steel	20-24 (21 Default)
Light Brass	5-9	Medium Brass (2)	15-19	Air-rung Heavy Brass	25-26

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	192	135	Side Rod Clank	50	143	Safety Valve	0
129	Whistle	128	136	Cylinder Cocks	100	144	Steam Hiss	255
130	Bell	100	137	Coupler	128	146	Water Stop	50
131	Exhaust Chuff	180	139	Brake Squeal	100	147	Injectors	0
132	Airpump	65	140	Brake Release	70	148	Emergency Stop	70
133	Dynamo	28	141	Snifter Valve	0	149	Glad Hand	150
134	Blower	25	142	Johnson Bar	64	150	"All Aboard!"/Coach Doors	192

## Configuration Variable Default Values

CV	Description	Value	CV	Description	Value	CV	Description	Value
04	Baseline Braking Rate	3	105	User Identifier 1	1	227	125Hz Cut/Boost	42
29	Configuration Data 1	6	106	User Identifier 2	6	228	250Hz Cut/Boost	64
49	Headlight: Auto Dim Rev.	145	126	Coupler Select	129	229	500Hz Cut/Boost	96
50	Backup Light: Dyno-Light	143	197	Analog Auto Sound Enable	14	1.259	FX3 Function Mapping	255
57	Forward Direction Enable	1	211	Low Speed Compensation	0	1.260	FX4 Function Mapping	255
58	Reverse Direction Enable	3	225	Equalizer Control Register	7	1.261	FX5 Function Mapping	255
59	Lighting Flash Rate	3	226	62Hz Cut/Boost	0	1.262	FX6 Function Mapping	255

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. Rev. A 1019 PN: AE32084