

Bachmann HO PCC Trolley Sound Value™ Equipped



Locomotive Bells: Trolley

Configuration Variable Defaults

CV #	Description	Default Value	CV #	Description	Default Value
1	Primary Address	3	112	Sound Configuration 1	0
2	V Start	0	114	Trolley Bell Ring Rate	5
3	Baseline Acceleration Rate	6	116	Engine Exhaust Control	0
4	Baseline Braking Rate	5	118	Max. Engine Recovery Speed	204
5	V Max	0	128	Master Volume Control	192
6	V Mid	0	130	Trolley Bell Volume Control	192
7	Manufacturer Version ID	0	132	Air Compressor Volume Control	50
8	Manufacturer ID	141	133	Pantograph Volume Control	128
10	BEMF Cutout	0	134	Generator Volume Control	50
11	Packet Time-Out Value	0	135	Electrical Arcing Volume Control	128
12	Alternate Power Source	1	136	Doors Volume Control	192
13	Analog Mode Function (F1-F8)	24	137	Stop Request Bell Volume Control	128
14	Analog Mode Function (F0, F9-F12)	3	196	Brake Squeal Sensitivity	3
15	CV Unlock Code	0	197	Analog Mode Auto. Sound Config.	4
16	CV Lock Code	0	198	DCC Mode Auto. Sound Config.	0
19	Consist Address #1	0	209	PID Kp Coefficient	80
21	Consist Function Active (F1-F8)	0	210	PID Ki Coefficient	8
22	Consist FL Function Active (F0, F9-F12)	0	212	Motor Control Intensity	255
23	Consist Acceleration Rate	0	213	Motor Control Sample Period	8
24	Consist Braking Rate	0	214	Motor Control Sample Window Size	8
25	Speed Table Selection	0	216	Motor Control Reference Voltage	140
29	Configuration Register 1	6	217	Motor Control Register	2
30	Error Information	0	218	Analog Mode Engine Sound Start	15
33	FL(f) Output Location	19			
34	FL(r) Output Location	19			
35	F1 Output Location	8			
36	F2 Output Location	64			
37	F3 Output Location	32			
38	F4 Output Location	132			
39	F5 Output Location	64			
40	F6 Output Location	0			
41	F7 Output Location	64			
42	F8 Output Location	128			
43	F9 Output Location	0			
44	F10 Output Location	0			
45	F11 Output Location	0			
46	F12 Output Location	0			
49	Hyperlight Effects- Headlight	0			
50	Hyperlight Effects- Backlight	0			
51	FX5 Lighting Ctrl Register	0			
52	FX6 Lighting Ctrl Register	140			
57	FX Direction Ctrl	51			
59	Hyperlight Flash Rate	3			
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	5			
106	User Identifier #2	31			

Function Assignments

F0	Front/ Rear/Interior Lights
F1	Trolley Bell
F2	Stop Request Bell
F3	Doors
F4	Pantograph
F5	Generators
F8	Mute