

# Bachmann N-Scale GG1 Electric Sound Value™ Equipped



## Airhorn Selections:

Wabco E2 w/ extra reverb (default)	0
Leslie A200	1
Wabco E2	2

## 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	Bell Ring Rate	5
3	Baseline Acceleration Rate	6	115	Horn Selection	0
4	Baseline Braking Rate	6	116	Engine Exhaust Control	0
5	V Max	0	118	Max. Engine Recovery Speed	204
6	V Mid	0	128	Master Volume Control	192
7	Manufacturer Version ID	0	129	Horn Volume Control	225
8	Manufacturer ID	141	130	Bell Volume Control	128
10	BEMF Cutout	100	132	Air Compressor Volume Control	225
11	Packet Time-Out Value	0	133	Pantograph Volume Control	120
12	Alternate Power Source	1	134	Blower Volume Control	148
13	Analog Mode Function (F1-F8)	0	193	Automatic Bell ON Set Point	5
14	Analog Mode Function (F0, F9-F12)	15	194	Automatic Bell OFF Set Point	10
15	CV Unlock Code	0	195	Grade-Crossing Whistle Sensitivity	4
16	CV Lock Code	0	196	Brake Squeal Sensitivity	3
19	Consist Address #1	0	197	Analog Mode Auto. Sound Config.	6
21	Consist Function Active (F1-F8)	0	198	DCC Mode Auto. Sound Config.	0
22	Consist FL Function Active (F0, F9-F12)	0	209	PID Kp Coefficient	80
23	Consist Acceleration Rate	0	210	PID Ki Coefficient	8
24	Consist Braking Rate	0	212	Motor Control Intensity	255
25	Speed Table Selection	0	213	Motor Control Sample Period	8
29	Configuration Register 1	6	214	BEMF Sample Window Size	8
30	Error Information	4	216	BEMF Reference Voltage	140
33	FL(f) Output Location	3	217	Motor Control Register	2
34	FL(r) Output Location	3	218	Analog Mode Engine Sound Start	15
35	F1 Output Location	8			
36	F2 Output Location	4			
37	F3 Output Location	16			
38	F4 Output Location	8			
39	F5 Output Location	0			
40	F6 Output Location	0			
41	F7 Output Location	0			
42	F8 Output Location	0			
43	F9 Output Location	8			
44	F10 Output Location	32			
45	F11 Output Location	8			
46	F12 Output Location	16			
49	Hyperlight Effects- Headlight	142			
50	Hyperlight Effects- Backlight	141			
59	Hyperlight Flash Rate	4			
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	4			
106	User Identifier #2	32			

## Function Assignments

F0	Front/ Rear Lights
F1	Bell
F2	Horn
F3	Short Horn
F4	Pantograph
F5	Blower
F6	Compressor
F7	Dimmer
F8	Mute