

# Bachmann HO 2-8-2 Sound Value™ Equipped



## Whistle Selections:

Southern 3-Chime (default)	0
B&O 3-Chime	1
Crosby 3-Chime	2

**Exhaust Chuff:** Medium Steam

**Air Compressor:** Cross Compound

## Configuration Variable Defaults

CV #	Description	Default Value	CV #	Description	Default Value
1	Primary Address	3	114	Bell Ring Rate	6
2	V Start	0	115	Whistle Selection	0
3	Baseline Acceleration Rate	6	116	BEMF Auto Chuff Rate	92
4	Baseline Deceleration Rate	5	128	Master Volume Control	225
5	V Max	0	129	Whistle Volume Control	195
6	V Mid	0	130	Bell Volume Control	40
7	Manufacturer Version ID	Read Only	131	Exhaust Volume Control	96
8	Manufacturer ID	141	132	Air Compressor Volume	40
10	BEMF Cutout	0	193	Automatic Bell ON Set Point	5
11	Packet Time-Out Value	0	194	Automatic Bell OFF Set Point	12
12	Power Source Conversion	1	195	Grade-Crossing Whistle Sensitivity	4
13	Analog Mode Function (F1-F8)	0	197	Analog Mode Auto. Sound Config.	6
14	Analog Mode Function (F0, F9-F12)	3	198	DCC Mode Auto. Sound Config.	0
15	CV Unlock Code	0	209	Kp Coefficient	60
16	CV Lock Code	0	210	Ki Coefficient	30
17	Extended Address	192	212	Motor Control Intensity	255
18	Extended Address	3	213	Motor Control Sample Period	8
19	Consist Address	0	214	Motor Control Aperture Time	8
21	Consist Function (F1-F8)	0	216	BEMF Reference Voltage	70
22	Consist Function (F0, F9-F12)	0			
23	Consist Acceleration Rate	0			
24	Consist Deceleration Rate	0			
25	Speed Table Selection	0			
229	Configuration Register 1	6			
30	Alternate Mode Selection	0			
33	F0(f) Output Location	3			
34	F0(r) Output Location	3			
35	F1 Output Location	8			
36	F2 Output Location	4			
37	F3 Output Location	16			
38	F4 Output Location	32			
39	F5 Output Location	0			
40	F6 Output Location	4			
41	F7 Output Location	16			
42	F8 Output Location	32			
49	Hyperlight Effects	142			
50	Hyperlight Effects	141			
59	Flash Rate	4			
60	Grade-Crossing Hold Time	4			
63	Analog Mode Motor Start Voltage	25			
64	Analog Mode Max. Motor Voltage	180			
66	Forward Trim	128			
67-94	Speed Table	Varies			
95	Reverse Trim	128			
105	User Identifier #1	---			
106	User Identifier #2	---			