

Bachmann On30 4-6-0

Whistle Selections:

Nathan 5 Chime (Yard Mix)	0
B&O 3 Chime	1
C&S 74 (Yard Mix)	2

Exhaust Chuff:

Light Steam

Air Compressor:

Single Phase



Configuration Variable Defaults

CV #	Description	Default value	CV #	Description	Default value
1	Primary address Control	03	133	Dynamo Volume Control	24
2	V Start	00	134	Blower Volume	16
3	Baseline Acceleration Rate	00	135	Rod Clank Volume Control	32
4	Baseline Braking Rate	00	136	Steam Release Volume Control	128
7	Manufacturer Version ID	Read Only	137	Coupler Volume Control	128
8	Manufacturer ID	141	138	Reserved	00
10	BEMF Cutout	00	139	Brake Squeal Volume	128
11	Packet time Out Value	00	140	Brake Release Volume	64
12	Alternate Power Source	01	141	Snifter Valve Volume	64
13	Analog Mode Functions	00	142	Johnson Bar/ Power Reverse	64
14	Analog Function enable 1	03	143	Pop Valve/ Safety Valve	00
15	CV Unlock Code	00	144	Reserved	00
16	CV Lock Code	00	146	Water Stop Volume	96
17	Extended Address	192	153	7 Band Equalizer	00
18	Extended Address	03	154	62 Hz Cut/Boost	128
19	Consist Address	00	155	125 Hz Cut/Boost	128
21	Consist Function Group	00	156	200 Hz Cut/Boost	128
22	Consist Function Group 2	00	157	500 Hz Cut/Boost	128
23	Consist Acceleration Rate	00	158	1K Hz Cut/Boost	128
24	Consist Braking Rate	00	159	2K Hz Cut/Boost	128
25	Speed Table Register	00	160	4K Hz Cut/Boost	128
29	Configuration Register 1	06	161	Reverb	00
30	Error information		162	Reverb Output Level	128
	Alternate mode selection	04	163	Reverb Delay	225
33	FL (f) Output Location	17	164	Reverb Gain	64
34	FL (R) Output Location	18	169	Whistle Reverb	00
35	F1 Output Location	08	170	Bell Reverb	00
36	F2 Output Location	04	171	Steam Exhaust Reverb	00
37	F3 Output Location	16	172	Air Compressor Reverb	00
38	F4 Output Location	32	173	Reserved	
39	F5 Output Location	00	174	Reserved	
40	F6 Output Location	00	175	Reserved	
41	F7 Output Location	16	176	Reserved	
42	F8 Output Location	128	177	DDE Throttle Gain	10
43	F9 Output Location	01	178	DDE Motor Load Gain	16
44	F10 Output Location	04	179	DDE Attack Time Constant	10
45	F11 Output Location	128	180	DDE Release Time Constant	10
46	F12 Output Location	16	181	Exhaust Low Volume Limit	255
47	Analog Whistle Control	00	182	Exhaust High Volume Limit	255
49-52	Hyperlight Effects	01	183	Side Rod Clank Low Limit	255
59	Flash Rate	03	184	Side Rod Clank High Limit	255
60	Crossing Hold Time	04	185	DDE Filter Initial Frequency	42
61	F11 Braking Rate	00	186	DDE Filter Control Gain	120
62	Transponding Control	00	187	DDE Initial Frequency	255
63	Analog Mode Motor Start Volt.	20	188	DDE Tracking Coefficient	75
64	Analog Mode Max Volt.	180	193	Automatic Bell-on Set Point	20v
66	Forward Trim	128	194	Automatic Bell -off Set Point	25
67-94	Speed Table	Varies	195	Grade Crossing Sensitivity	04
95	Reverse Trim	128	196	Brake Squeal Sensitivity	03
105	User Identifier #1	---	197	Analog Mode Sound Config.	06
106	User Identifier #2	---	198	DCC Mode Auto Sound Config	08
112	Sound Configuration	00	209	Kp Coefficient	50
113	Quiet Mode Timeout Period	00	210	Ki Coefficient	10
114	Bell Ring Rate	12	212	Motor Control Intensity	255
115	Whistle Selection	00	213	Motor Control Sample Period	15
116	Exhaust Control/ Chuff Rate	160	214	Motor Control Aperture Time	15
119	Effect Processor Select	00	218	Analog Mode Chuff Rate	17
128	Master Volume Control	255			
129	Whistle Volume Control	255			
130	Bell Volume Control	75			
131	Exhaust Volume Control	64			
132	Air Pump Volume	48			
133	Dynamo Volume Control	24			