

HO Walthers Proto Budd Metroliner



Whistle selections:

Leslie SuperTyphon (Default)	0
Nathan M5	1
Leslie S5T	2
Leslie A200	3
Leslie S2M	4

Configuration Variable Defaults

CV #	Description	Default value	CV #	Description	Default value
1	Primary address Control	03	95	Reverse Trim	128
2	V Start	00	105	User Identifier #1	---
3	Baseline Acceleration Rate	05	106	User Identifier #2	---
4	Baseline Braking Rate	05	112	Sound Configuration	00
7	Manufacturer Version ID	Read Only	113	Quiet Mode Timeout Period	00
8	Manufacturer ID	141	115	Horn Selection	00
10	BEMF Cutout	00	116	Engine Control	32
11	Packet time Out Value	00	119	Effect Processor Select	00
12	Alternate Power Source	01	128	Master Volume Control	225
13	Analog Mode Functions	48	129	Horn Volume	225
14	Analog Function enable 1	19	132	Air Compressor Volume	64
15	CV Unlock Code	00	133	Pantograph Volume	150
16	CV Lock Code	00	134	Fan Volume	64
17	Extended Address	192	137	Coupler Volume	50
18	Extended Address	03	139	Brake Squeal Volume	64
19	Consist Address	00	140	Brake Release Volume	100
21	Consist Function Group	00	152	Door Open/Close Volume	50
22	Consist Function Group 2	00	153	7 Band Equalizer	07
23	Consist Acceleration Rate	00	154	62 Hz Cut/ Boost	00
24	Consist Braking Rate	00	155	125 Hz Cut/ Boost	00
25	Speed Table Register	00	156	200 Hz Cut/Boost	150
29	Configuration Register 1	06	157	500 HZ Cut/Boost	128
30	Error information	00	158	1K Hz Cut/Boost	75
	Alternate mode selection		159	2K Hz Cut/Boost	150
33	FO(f) Output Location	01	160	4KHz Cut/ Boost	128
34	FO(r) Output Location	02	161	Reverb	00
35	F1 Output Location	08	162	Reverb Output Level	128
36	F2 Output Location	04	163	Reverb Delay	255
37	F3 Output Location	16	164	Reverb Gain	64
38	F4 Output Location	64	169	Horn Reverb	00
39	F5 Output Location	04	172	Air Compressor Reverb	00
40	F6 Output Location	02	195	Grade Crossing Sensitivity	04
41	F7 Output Location	16	196	Brake Squeal Sensitivity	03
42	F8 Output Location	32	197	Analog Mode Sound Config.	02
43	F9 Output Location	128	198	DCC Mode Auto Sound Config.	00
44	F10 Output Location	128	209	Kp Coefficient	25
45	F11 Output Location	02	210	Ki Coefficient	20
46	F12 Output Location	32	212	Motor Control Intensity	255
47	Analog Whistle Control	00	213	Motor Control Sample Period	15
49	Hyperlight Effects F0(f)	143	214	Motor Control Aperture Time	15
50	Hyperlight Effects F0(r)	00	218	Analog Motor Start	20
51	Hyperlight Effects FX5A	00			
52	Hyperlight Effects FX6A	130			
53	Hyperlight Effects FX5B	00			
54	Hyperlight Effects FX6B	00			
57	FX Direction Control	223			
58	FX Master Enable	00			
59	Flash Rate	03			
60	Crossing Hold Time	04			
61	F11 Braking Rate	06			
62	Transponding Control	00			
63	Analog Mode Motor Start Volt.	40			
64	Analog Mode Max Volt.	180			
66	Forward Trim	128			
67-94	Speed Table	Varies			