

HO Walthers Proto USRA 0-8-0

Horn selections:	Crosby 3-Chime (Default)	00	USRA 6-Chime	04
	K-37 #497	01	NW #1218	05
	B&O 3-Chime	02	PRR Banshee	06
	C&S #74	03	WSLCO #14	07

Prime Mover: Single Phase



Configuration Variable Defaults

CV #	Description	Default value	CV #	Description	Default value
1	Primary address Control	03	133	Dynamo Volume	32
2	V Start	00	134	Blower Volume	16
3	Baseline Acceleration Rate	10	135	Rod Clank Volume	32
4	Baseline Braking Rate	10	136	Steam Release Volume	128
7	Manufacturer Version ID	Read Only	137	Coupler Volume	128
8	Manufacturer ID	141	139	Brake Squeal Volume	128
10	BEMF Cutout	00	140	Brake Release Volume	64
11	Packet time Out Value	00	141	Snifter Valve Volume	64
12	Alternate Power Source	01	142	Johnson Bar Volume	64
13	Analog Mode Functions	00	143	Pop Valve Volume	128
14	Analog Function enable 1	03	145	Blower Draft Volume	128
15	CV Unlock Code	00	146	Water Stop Volume	96
16	CV Lock Code	00	147	Injector Volume	64
17	Extended Address	192	148	Coal Shovel Volume	64
18	Extended Address	03	149	Wrench Volume	64
19	Consist Address	00	150	Oil Can Volume	64
21	Consist Function Group		151	Grease Gun Volume	64
22	Consist Function Group 2	00	153	7 Band Equalizer	00
23	Consist Acceleration Rate	00	154	62 Hz Cut/ Boost	128
24	Consist Braking Rate	00	155	125 Hz Cut/ Boost	128
25	Speed Table Register	00	156	200 Hz Cut/Boost	128
29	Configuration Register 1	06	157	500 HZ Cut/Boost	128
30	Error information	00	158	1K Hz Cut/Boost	128
	Alternate mode selection		159	2K Hz Cut/Boost	128
33	FL (f) Output Location	65	160	4KHz Cut/ Boost	128
34	FL (r) Output Location	66	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	32	169	Whistle Reverb	00
39	F5 Output Location	02	170	Bell Reverb	00
40	F6 Output Location	04	171	Steam Exhaust Reverb	00
41	F7 Output Location	16	172	Air Compressor Reverb	00
42	F8 Output Location	32	177	DDE Throttle Gain	10
43	F9 Output Location	08	178	DDE Motor Load Gain	32
44	F10 Output Location	32	179	DDE Attack Time Constant	10
45	F11 Output Location	64	180	DDE Release Time Constant	10
46	F12 Output Location	128	181	Exhaust Low Volume Limit	255
47	Analog Whistle Control	00	182	Exhaust High Volume Limit	255
49	Hyperlight Effects F0(f)	143	183	Side Rod Clank Low Limit	255
50	Hyperlight Effects F0(r)	143	184	Side Rod Clank High Limit	255
51	Hyperlight Effects FX5	00	185	DDE Filter Initial Frequency	42
52	Hyperlight Effects FX6	00	186	DDE Filter Control Gain	64
59	Flash Rate	03	187	DDE Initial Frequency	255
60	Crossing Hold Time	04	188	DDE Tracking Coefficient	102
61	F11 Braking Rate	00	193	Automatic Bell-on Set Point	15
62	Transponding Control	00	194	Automatic Bell -off Set Point	19
63	Analog Mode Motor Start Volt.	40	195	Grade Crossing Sensitivity	04
64	Analog Mode Max Volt.	180	196	Brake Squeal Sensitivity	03
66	Forward Trim	128	197	Analog Mode Sound Config.	06
67-94	Speed Table	Varies	198	DCC Mode Auto Sound Config.	00
95	Reverse Trim	128	201	Probability Fireman Fred	64
105	User Identifier #1	---	202	Probability Fred's Wrench	32
106	User Identifier #2	---	203	Probability Fred's Grease Gun	16
112	Sound Configuration	00	204	Probability Fred's Oil Can	32
113	Quiet Mode Timeout Period	00	205	Probability Fred's Injector	64
114	Bell Ring Rate	04	206	Probability Fred's Blower	64
115	Whistle Selection	00	207	Probability Locomotive Pop Off	64
116	Exhaust Control/ Chuff Rate	95	209	Kp Coefficient	25
119	Effect Processor Select	00	210	Ki Coefficient	20
128	Master Volume Control	192	212	Motor Control Intensity	00
129	Whistle Volume	225	213	Motor Control Sample Period	07
130	Bell Volume	128	214	Motor Control Aperture Time	07
131	Exhaust Volume	192	218	Analog Mode Chuff Rate	00
132	Air Compressor Volume	48			