

Walthers Plymouth ML8

Motor Decoder with CurrentKeeper



Default Values

P.N.	Description
910-20000	DCC -- Undecorated
910-20002	Industrial Switcher - DCC only -- Painted, Unlettered (medium blue)
910-20003	Industrial Switcher - DCC only -- Painted, Unlettered (yellow, black)
910-20005	Industrial Switcher - DCC only -- Union Pacific(R) (Armour Yellow, gray, red)
910-20004	Industrial Switcher - DCC only -- Atchison, Topeka & Santa Fe #6 (black, silver)
910-20006	Industrial Switcher - DCC only -- United State Army Transportation Corps (black, yellow)

Configuration Variable Default Values

CV	Description	Value	CV	Description	Value	CV	Description	Value
1	Primary Address	3	23	Consist Acceleration Rate	0	46	F12 Output Location	0
2	V Start	0	24	Consist Braking Rate	0	47	Analog Whistle Control	0
3	Baseline Acceleration Rate	6	25	Speed Table Register	0	49	Headlight Configuration	143
4	Baseline Braking Rate	5	29	Configuration Byte 1	2	50	Backlight Configuration	143
7	Manufacturer Version ID	66	30	Error Information	0	63	Analog Mode Motor Start Volt.	30
8	Manufacturer ID	141	33	FL (f) Output Location	1	64	Analog Mode Max Volt.	180
10	BEMF Cutout	0	34	FL (r) Output Location	2	66	Forward Trim	128
11	Packet Time-out Value	0	35	F1 Output Location	0	67-94	Speed Table	Varies
12	Alternate Power Source	1	36	F2 Output Location	0	95	Reverse Trim	128
13	Analog Mode Functions	0	37	F3 Output Location	0	105	User Identifier #1	1
14	Analog Function enable 1	0	38	F4 Output Location	0	106	User Identifier #2	2
15	CV Unlock Code	0	39	F5 Output Location	0	209	PID Kp Coefficient	100
16	CV Lock Code	0	40	F6 Output Location	0	210	PID Ki Coefficient	25
17	Extended Address MSB	192	41	F7 Output Location	16	212	BEMF Feedback Intensity	255
18	Extended Address LSB	3	42	F8 Output Location	0	213	BEMF Sample Period	12
19	Consist Address	0	43	F9 Output Location	0	214	BEMF Sample Window Size	6
21	Consist Function Group	0	44	F10 Output Location	0	216	BEMF Reference Voltage	140
22	Consist Function Group 2	0	45	F11 Output Location	0	217	Motor Control Register	2

Note:
 * This decoder is based off the SoundTraxx MC2 family of mobile decoders. For more information about programming and CV values, please refer to the **MC2 User's Guide** and **MC2 Technical Reference** located in the manuals section of our website.

Default Function Assignments

F0	Front/Rear Light				
F7	Dimmer				