

Walthers ATSF "El Capitan" Lunch Counter

Factory Equipped with **SoundCar™**



Default Values

Default Function Assignments

F8	Mute	F12	Uncouple/Glad Hands	F16	Generator/HVAC
F9	Brake Set/Release	F13	Interior Lights	F17	Announcement A
F10	Couple	F14	Coach Doors	F18	Announcement B
F11	(not used)	F15	"All Aboard!"		

Configuration Variable Default Values

CV	Description	Value	CV	Description	Value	CV	Description	Value
*29	Configuration Data 1	2	218	Analog Mode Sound Start	15	1.299	Generator Mapping	16
31	CV Index 1	16	241	Analog Mode Function 3	0	1.301	Announcement A Mapping	17
32	CV Index 2	1	242	Analog Mode Function 4	0	1.302	Announcement B Mapping	18
51	FX5 Interior Lights	0	245	Consist Function Enable F13-20	0	1.305	Couple Mapping	10
57	FX Directional Control	3	246	Consist Function Enable F21-28	0	1.306	Uncouple Mapping	12
106	User Identifier 2	3	1.259	FX5 Mapping	13	1.310	Coach Door Mapping	14
116	Moving Sound Scalar	100	1.274	Mute Mapping	8	1.311	"All Aboard!" Mapping	15
117	Rolling Stock Type Select	246	1.275	Brakes Mapping	9			

Note:

* **CV 29 | Analog Mode Operation:** Analog Mode (DC operation) is not enabled by default. To activate the sounds and lights on a DC layout, add 4 to the value in CV 29.

* **CV 33-46 | Function Mapping/Default Assignments:** This product uses SoundTraxx Flex-Map Function Mapping technology to support easy mapping of functions to any key on your throttle. This technology also supports 28 functions supported for expanded operation and additional features. NMRA function mapping CVs (33-46) are defaulted to a value of 0 from the factory and mapping is accomplished with indexed CVs 1.257-1.311. Please reference the table for supported effects and associated function key assignments. For more information about Flex-Map Function Mapping, refer to Tsunami2 Digital Sound Decoder product documentation.

Speed Table Default Values

CV	Value	CV	Value	CV	Value	CV	Value
67	9	74	73	81	137	88	200
68	18	75	82	82	146	89	209
69	27	76	91	83	155	90	219
70	36	77	100	84	164	91	228
71	45	78	109	85	173	92	237
72	55	79	118	86	182	93	246
73	64	80	127	87	191	94	255

Default Volume, Alternate Mixer, and Reverb Mixer Settings

CV	Sound Effect	Value	CV	Sound Effect	Value
128	Master Volume	225	138	Brake Set	32
131	Clickety-Clack	128	139	Brake Squeal	64
132	Generator	25	140	Retainer	32
133	Flange Squeal	16	141	Emergency Brake Valve	192
134	Flat Spot	64	142	Hand Brake Set	128
135	Wheel Noise	32	143	Hand Brake Release	128
136	Uncoupling	64	150	"All Aboard!"/Doors	225
137	Coupler	64	152	Announcements	255