



Bulletin: SBS Dual ALCO251 (16 cyl)

Address 3
Manufacturer ESU
Project number 74462
Project version R1



SBS4DCC Custom Dual Diesel File - Alco 251C - Electric Start

The Alco 251 diesel engine was developed by the American Locomotive Company to replace the 244 and 539. The 251 Prime mover was Alco's best selling prime mover. In 1954, the 251 went into production with the inline-6 at Auburn, New York. Ultimately a refined and successful design, the 251 outlived its designer. For a time it was built in Canada by Montreal Locomotive Works. Today it is still available from Fairbanks-Morse. Examples of the 16-Cyl 251 can be found in the following locomotives:

Electric Start Examples: RS-27, RSD-15, RSD-17, C424, M424W, C425, C628, C855, C855B, M630, C636, M636, LRC-2, LRC-3 and HR616.

This file contains 16 Airhorns accessible by changing CV48 values 0-15

Key	Function	Sound slots	Volume CVs	Volume values
F0	Directional Headlights			
F1	Bell	4	283	99
F2	Playable Airhorn	3	275	128
F3	Coupler Clank	5	291	128
F4	Dynamic Brake	6	299	70
F5	AUX3 output (pre-set to Mars Light)			
F6	AUX1 + AUX2 (Ditch Light)			
F7	Sound (On/Off) #1	2, 9	267, 323	128, 8
F8	Sound (On/Off) #2	1, 9	259, 323	128, 8
F9	Diesel Manual Notching (Up)			
F10	Diesel Manual Notching (Down)			
F11	Radiator (Fan) Sound	8	315	128
F12	Dimmer (Headlights)			
F13	Short Airhorn	16	379	128
F14	Detector	17	387	128
F15	Crossing Communication	10	331	128
F16	Rail Clank (works only if F8 is On)	11	339	128
F17	Brake Set / Brake Release	12	347	128
F18	Sanding Valve	13	355	128
F19	Short Air Let Off	14	363	128
F20	Compressor	7	307	77
F21	Pop Valve Sound	15	371	128
F22	Switching Mode			

F23	Not in use			
F24	Not in use			
F25	Not in use			
F26	Not in use			
F27	Not in use			
F28	Not in use			