

Bulletin: V36 (Doppeltes Lottchen)

Manufacturer ESU
Project number 54453
Project version R6



SBS4DCC Custom RDC File based on V36 (Doppeltes Lottchen) dieselhydraulic old-type switcher V36 "Doppeltes Lottchen, with two engines. Similar inline 6 cylinder with hydraulic transmission.

Prime mover(s)
 RDC-1/2/3/4: 2 x GM 110 diesels

Power output
 RDC-1/2/3/4: 550 hp (410 kW)

Transmission
 Hydraulic torque converter

The Budd Rail Diesel Car, RDC or Buddliner is a self-propelled diesel multiple unit railcar. Between 1949 and 1962, 398 RDCs were built by the Budd Company of Philadelphia, Pennsylvania, United States. The cars were primarily adopted for passenger service in rural areas with low traffic density or in short-haul commuter service, and were less expensive to operate in this context than a traditional diesel locomotive-drawn train with coaches. The cars could be used singly or several coupled together in train sets and controlled from the cab of the front unit. The RDC was one of the few DMU (diesel multiple unit) trains to achieve commercial success in North America. RDC trains were an early example of self-contained diesel multiple unit trains, an arrangement now in common use by railways all over the world.

Key	Function	Sound slots	Volume CVs	Volume values
F0	F0F/F0R Ditrectional Headlight			
F1	North American Gong Bell	4	283	128
F2	US airhorns pack #1 (16 airhorns selectable with CV48)	3	275	128
F3	Open / Close Door	2	267	128
F4	oil pump	5	291	128
F5	compressed air	6	299	128
F6	Fan	8	315	128
F7	Sanding valve	9	323	128
F8	Drive Sound (On/Off)	1	259	128
F9	Brake set/release	7	307	128
F10	Acceleration, Switching Mode			
F11	brake squeal	18	395	128
F12	US airhorns pack #1 - short airhorns (16 airhorns selectable with CV48)	12	347	128
F13	Diesel notch up			
F14	Diesel notch down			
F15	radio communication USA #1 (Crossing Communication)	19	403	128

F16	radio communication USA #2 (Detector)	20	411	128
F17	American diesel locomotives - Slow bell	21	419	128
F18	American diesel locomotives - Fast bell	22	427	128
F19	North American Slow Air Bell #1	23	435	128
F20	North American Slow Air Bell #2	24	443	128
F21	Not in use			
F22	Not in use			
F23	Not in use			
F24	Not in use			
F25	Not in use			
F26	Not in use			
F27	Not in use			
F28	Not in use			