



## Wickness Models Soundscape Class 08 Shunter

### Manufacturer: -

Wickness Models **Project number:** - WM008-1S

**Project version:** - SSV1-Farm

### Class 08 Shunter

Power type Diesel-electric

Builder British Railways: Derby Works, Crewe Works, Darlington Works, Doncaster Works and Horwich Works.

Build date 1952–1962

Total produced 996



The British Rail Class 08 is a class of diesel-electric shunting locomotive. The Pioneer Class 08 No. D3000 (currently preserved at the Heritage Shunters Trust based at Peak Rail) was built in 1952 although it did not enter service until 1953. Production continued until 1962; 996 locomotives were produced, making it the most numerous of all British locomotive classes.

As the standard BR general-purpose diesel shunter, almost any duty requiring shunting would involve a Class 08. The class became a familiar sight at many major stations and freight yards. Since their introduction, though, the nature of rail traffic in Britain has changed considerably. Freight trains are now mostly fixed rakes of wagons, and passenger trains are mostly multiple units, neither requiring the attention of a shunting locomotive. Consequently, a large proportion of the class has been withdrawn from mainline use and stored, scrapped, exported or sold to industrial or heritage railways.

As of 2011, around 100 locomotives remain working on industrial sidings and on the main British network. On heritage railways, they have become common, appearing on many of the preserved standard-gauge lines in Britain, with over 60 preserved

The Class 08 design was based on the LMS 12033 series (later TOPS Class 11) design. There were also 26 of the near-identical but higher-g geared Class 09, and 171 similar locomotives fitted with different engines and transmissions (some of which became Class 10), which together brought the total number of outwardly-similar machines to 1193.

The locomotives were built at the BR Works of Crewe, Darlington, Derby, Doncaster and Horwich between 1952 and 1962. The majority of the class were reclassified as TOPS sub-class 08/0, when some locomotives were reduced in height for use on the Burry Port and Gwendraeth Valley Railway in south west Wales and became Class 08/9

**Decoder Type:** - V4, V4 Micro, V4XL Speed Steps: 128

**CV63 Main Volume:** - 128(Max 192) Speaker: (4-8 Ohm)

**Volume CV's Column:** - Relevant CV's to adjust individual sound volumes

**Volume Values Column:** - Default volume setting for relevant sound CV's



Key	Function	Volume CVs	Volume values
F0	Directional Headlight		
F1	Startup/Shutdown	259,283	128, 128
F2	Whistle	307	128
F3	AUX1		
F4	Cab Lights		
F5	Doppler Effect		
F6	Curve Squeal	371	80
F7	Switch Flange	363	128
F8	Station Announcement 1	403	128
F9	Station Announcement 2	411	128
F10	Short Whistle	379	128
F11	Coupler Clank	315	75
F12	Conductors Signal	331	65
F13	Brake Release	355	95
F14	Rail Clank	387	10
F15	Diesel Notch Up		
F16	Diesel Notch Down		
F17	Farm Soundscape	395	128
F18	Long Whistle	275	128
F19	Sand	339	35
F20	Shunting Mode		
F21	Fade Out Sound		
F22	Compressor	299	65
F23	Whistle Standard	291	128
F24	Volume Control		
F25	Acceleration		
F26	Hedgerow Soundscape	419	128
F27	Dynamic Brake		
F28	Open Close Door	347	80

**Acceleration** - assigning this option disables momentum effects

**Shunting mode** – this option halves speed, useful in yard operations

**Doppler Effect** – simulates a Doppler sound effect based on speed when enabled

**Diesel notch up** - allows notching up of one notch per key press (~ 1 sec cycle), or engage for multiple notch points. Notches up regardless of speed.

**Diesel notch down** – notch down as above. Note: once engaged manual notching remains in effect until locomotive is stopped and notch point is at idle.