

Important: Please read this sheet before running your locomotive.

Many thanks for purchasing one of our **Graham Farish** BR Class 08 SOUND FITTED Diesel Locomotives. Please take the time to read through this sheet carefully before running your locomotive to ensure you get the most out of your model.

Decoder Info.

Decoder & Speaker Spec.

Decoder: Zimo MX659N18
CV1 Address: 03
Speed Steps: 28/128
Speaker: 8 Ohm/0.5 Watt 8 x 12mm

For Best Results...

Please make sure your DCC system is set to run on 128 speed steps to obtain the very best results from this decoder.

Keeping the track, wheels and pick-ups clean are essential to ensure good electrical contact and will also contribute to the decoder working to it's best ability.

Loco Decoder Address.

This model is set with a default decoder address of 3.

Running on DC.

Your model is equipped with a **ZIMO MX659N18** Decoder but will still operate on DC powered track producing movement & normal load running sounds and any other automatic and randomised sounds when power is applied.

Please note: If this model is to be controlled with an analogue (DC) output controller Bachmann Europe PLC recommend the use of a controller with a smoothed output. If you intend to use a feedback type controller, or one with PWM (pulse width modulation) please consult the controller manufacturer before using it with this model.

Do not use with Electronic Track Cleaners.

Please note: This model should be removed from the track if you are changing the address of another model with an E-Z Command Control Centre.

Function List - BR Class 08

No.	Function/Sound	F Button <i>Suggested Setting</i>	Sound Type
1	Engine Start-up / Shut-down (Sound On/Off)	Latch	Continuous Play
2	Brake (Non-Latching) - Action & Sound	Trigger	Brake Sounds
3	Single Horn (Speed Related)	Trigger	Fixed Length
4	Double Horn	Trigger	Fixed Length
5*	Cold Start / Light Load	Latch	-
6	Engine Idle / Coasting	Latch	Continuous Play
7	Speed Lock	Latch	-
8	Exhauster (Vacuum Train Brakes)	Latch	Continuous Play
9	Flange Squeal (Speed Related)v	Latch	Continuous Play
10	Guard's Whistle	Latch	Fixed Length
11	Buffer Clash	Latch	Fixed Length
12	Coupling	Trigger	Fixed Length
13	Compressor	Latch	Fixed Length
14	Sanders	Trigger	Fixed Length
15*	Handbrake	Latch	Fixed Length
16	Fuel Tranfer Pump	Latch	Fixed Length
17	Auto Wagon Buffering	Latch	Continuous Play
18	On - Cab Door Open	Latch	Fixed Length
	Off - Cab Door Closed	-	-
19	Fade All Sounds	Latch	-
20	'Draw up'	Latch	Fixed Length
21	'Squeeze up'	Latch	Fixed Length
22	'I'm going under'	Latch	Fixed Length
23	Windscreen Wipers	Latch	Continuous Play
24	Station Ambience	Latch	Fixed Length
25	Spirax Valves	Latch	Continuous Play
26	Shunting Mode	Latch	-
27	Volume Down	Trigger	-
28	Volume Up	Trigger	-

5* Cold Start, F5 on Before F1.

15* Locomotive won't move whilst handbrake is 'On'

Alternative Sounds.

16 - Fuel Transfer Pump, **CV558** = **51** Manual Pump / **52** Electric Pump

18 - Cab Door Open / Close, **CV564** = **54** Wooden Door (Default) / **55** Metal Door



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