

## Operation – Loksound5 Locoman Sounds 9F

To operate your locomotive, on a DCC layout your locomotive comes with the loco address set to the default short address #3. To run your locomotive, place on the track, select the correct address, set the speed and your loco will move. To turn on the sound, press F1. You will hear a slight hiss of steam. To turn the sound off, press F1 again and the locomotive will be silent, but still run.

The locomotive has some momentum set to ensure realistic operation and sounds. This momentum allows for the loco to have a slight delay as the brakes release before moving off. The sounds will respond to changes in the throttle, getting louder when you increase the throttle, and going quiet with the sounds of rod clank when decelerating.

There is detailed further information on this that can be found on the ESU website under downloads - <http://www.esu.eu/en/downloads/instruction-manuals/digital-decoders/>

There are random sounds that play when the locomotive is resting such as the injector and coal shovelling. These can be disabled if necessary, please consult the function list below.

**NB – DCC sound is not tolerant of dirty track or wheels so make sure to keep your track and wheels clean to get the best of this decoder. If the sound becomes intermittent, you may need to cycle through F8 to get the sound to come back on again, but this is usually a sign of poor pickups, dirty track or dirty wheels.**

### Default function mapping

The LokSound decoder has been configured with many functions. The full list is shown in the list on the following page, but some of the common ones are

F0: Lights (directional, if fitted)

F1: Sound on/off

F2: Playable BR Standard single note whistle (choice of 2 selectable through changing the value of CV158 to 0 or 1, default is CV158=1).

F3: Short whistle BR Standard single note whistle (3 different short whistle clips played randomly)

F4: Vacuum Brake

F5: Drain cocks (choice of 2 selectable through changing the value of CV162 to 0 or 1, default is CV162=1 which is timed to the chuffs)

F6: Fancy whistle. (choice of 4 selectable through changing the value of CV161 to 0-3, default is CV161=3)

F7: Stationary: doors (on), guards whistle (off) F7: Moving: flange squeal (speed dependent)

F8: Buffer clash

F9: Forced coasting (loco exhaust will shut off and coasting sounds will play).

Remember, you can reset the decoder at any stage by programming a value of 8 into CV 8. To do this, on a DCC system:

- first select the loco to be programmed (if it is straight out of the box, then the loco will have an address of 3, so select loco address 3)
- go to programming on the main (POM)
- Select Program CVs
- Select CV 8 for changing
- Enter a value of 8 into CV8

This will reset the decoder including any changes to loco addresses, volume settings and DC operation.

For further instructions on programming, see the detailed Loksound Select (steam/diesel) manual available at <http://www.esu.eu/en/downloads/instruction-manuals/digital-decoders/>

Overall volume control is through CV 63. Default setting is CV63=128, Max Volume is CV63=192

Volumes can also be set individually (see table below) after setting CV 31 = 16 and CV32 = 1

#### Locoman Sounds GWR Small Prairie - Function quick reference guide

Function	Description	Volume Control CV
F0	Lights	-
F1	Sound on, smart firebox flicker on	Chuffs 259 & 267
F2	BR Std single note whistle playable (1 of 2 whistles CV158)	283
F3	BR Std single note whistle short	275
F4	Active brake	291
F5	Draincocks (1 of 2 types CV162)	299
F6	Fancy Whistle (1 of 4 whistles CV 161)	307
F7	Stationary: guard whistle / Move: flanges	Guard W 315, Flange 355
F8	Buffer clash	323
F9	Forced coasting sound	Set through Chuffs
F10	Coal shovelling (smart firebox flicker on Aux 1)	331
F11	Injector (1 of 3 types CV159)	395
F12	Coach doors	347
F13	Coupler sound	499
F14	Whistle with echo (1 of 6 whistles selectable with CV160)	363
F15	Safety valve	371
F16	Water fill (stationary)	379
F17	Shunting mode with auto-coasting	-
F18	vacuum destroy	483
F19	Volume control	63
F20	Seuthe Smoke Unit	-
F21	Momentum off	-
F22	No brake squeal	-
F23	Sound fader	-
F24	Forced heavy load chuffs	-