

## SD082 - Class 43 VP185

F#	Spot Sound Description	Mode								
F0	Headlight/Rear Lights	T								
F1	Sound Enable/Engine Start	T								
F2	Multiple Horns	M	F2a_Hi_Lo	F2b_Lo_Hi	F2c_Hi_Hi	F2d_Hi_Lo_Hi	UNUSED	UNUSED	UNUSED	UNUSED
F3	Multiple Horns Fancy	M	F3a_Fancy_1	F3b_Fancy_2	F3c_Lo_Lo_Lo_Hi_Hi	F3d_Hi_Lo_Medium	F3e_Lo_Hi_Long_Distant	UNUSED	UNUSED	UNUSED
F4	Brake	M								
F5	Notch up	M								
F6	Notch Down	M								
F7	Return to Idle	M								
F8	Thrash	T								
F9	Diesel Cold Start override operation of F1, until disabled.	T								
F10	Compressor (Manual)	T								
F11	Windscreen Wipers	T								
F12	Roof Fan (Manual Operation)	T								
F13	Guard to Driver Buzzer	M								
F14	Flange Squeal	T								
F15	Cab Door Shut	M								
F16	Primer	T								
F17	Firebell Test	M								
F18	Guards Whistle	M								
F19	Automatic Warning System Test	M								
F20	Drivers Safety Beeper	M								
F21	<b>Aux1</b>	<b>T</b>								
F22	<b>Aux2</b>	<b>T</b>								
F23	<b>Aux 3</b>	<b>T</b>								
F24	<b>Aux 4</b>	<b>T</b>								
F25	<b>Shunt Mode</b>	<b>T</b>								
F26	<b>Creep Mode</b>	<b>M</b>								
F27	<b>Dynamic Brake</b>	<b>M</b>	<b>M = Momentary Action</b>							
F28	<b>AFC Enable</b>	<b>T</b>	<b>T = Toggle On/Off</b>							

### CV119 Function Masking Feature

All Class 43 HST profiles (SD003, SD004 and SD082) have an advanced Function masking feature, which when enabled, will only prototypically play certain spot sounds from either the front or rear power car, depending on direction.

For CV values, please see mini table below:

CV119 = 0 (Default)	CV119 = 1	CV119 = 2
Normal Profile	Motorised Profile	Non-motorised Profile

Please note by default, all sounds will commence playback from both power cars, simultaneously, irrespective of loco direction.

Adding a value of 1 to the motorised power car and a value of 2 to the non-motorised power car will enable this advanced feature i.e F2 and F3 horns amongst others, will only be audible from the power car when travelling forwards.

Please refer to the main HM7000 Series Decoder Reference Manual for further information