



# Locomansounds A1X Terrier Function List



## F key

Volume CV  
CV31=16, CV32=1

<b>F0</b>	Lights on if fitted (direction dependent)	
<b>F1</b>	Sound on: chuffs1 & chuffs2 (2-channel) // hiss and blower	259 & 267 // 491
<b>F2</b>	Whistle long *** **	283
<b>F3</b>	Whistle short **	275
<b>F4</b>	In normal mode: Brake1 (CV 179) and brake valve sounds. In shunting mode (F17): Brake2 (CV 180) and brake valve sound ***	291
<b>F5</b>	Open draincocks	299
<b>F6</b>	Whistle fancy **	307
<b>F7</b>	Coach doors + Guard // Flange squeal (stationary / moving)	315 // 355
<b>F8</b>	Buffer clashing (loose coupled cars)	323
<b>F9</b>	Forced coasting sound	
<b>F10</b>	Coal shovelling & firebox flicker Aux1 Output for flicker (Aux 1 = value 1, Aux 2 = 2, Aux 1&2 = 12)	331 335 (value for Aux)
<b>F11</b>	Injector CV 170: value 1 = injector #1, value 2 = #2, 0 = alternating	339
<b>F12</b>	Distant whistle w. Echo **	363
<b>F13</b>	Coupler sound	499
<b>F14</b>	Air pump CV 169 = pump type (1 or 2), or 0 for ejector instead	363
<b>F15</b>	Safety valve	371
<b>F16</b>	Water fill (only when stationary)	379
<b>F17</b>	Shunting / light engine mode, engages: lower speed (CV 101), faster acc/dec (CV 103), small additional brake3 force (CV 181), Automatic coasting (delay = CV 163, max speed = CV 164)	
<b>F18</b>	Vacuum destroy sound *	483
<b>F19</b>	Volume control (short press alters CV 63 by 32)	
<b>F20</b>	Aux 2	
<b>F21</b>	Momentum off	
<b>F22</b>	No brake squeal	
<b>F23</b>	Sound fader (min vol = CV 133, fade time = CV 135)	
<b>F24</b>	Forced heavy chuffs and slower acc/dec (CV 104)	
<b>F25</b>	Aux 5	
<b>F26</b>	Reserved	
<b>F27</b>	Light dimming if fitted	
<b>Other</b>	Valve when closing throttle at higher speed Min speed (100 – 250) for valve sound	467 471 (speed)
<b>Brake</b>	Brake squeal sound	<b>CV32=2</b> 259
<b>Brake</b>	Brake-on speed: CV 64 Brake-off speed: CV 65	
*	CV 168 = 0 → man. vac destroy; CV 168 = 1 → auto vac. Dest.	
**	3 different whistle types defined by CV 167 (value 1 or 2 or 3)	
***	Swap F2 & F4: set (in exactly this order): CV31 = 16, CV32 = 3, CV386 = 16, CV418 = 1, CV434 = 1 Swap back: CV31 = 16, CV32 = 3, CV386 = 1, CV418 = 16, CV434 = 16	

When F26 is selected and highlighted automatically F2 F3 F6 F14 will play the Furnchurch Locomotive Chimes