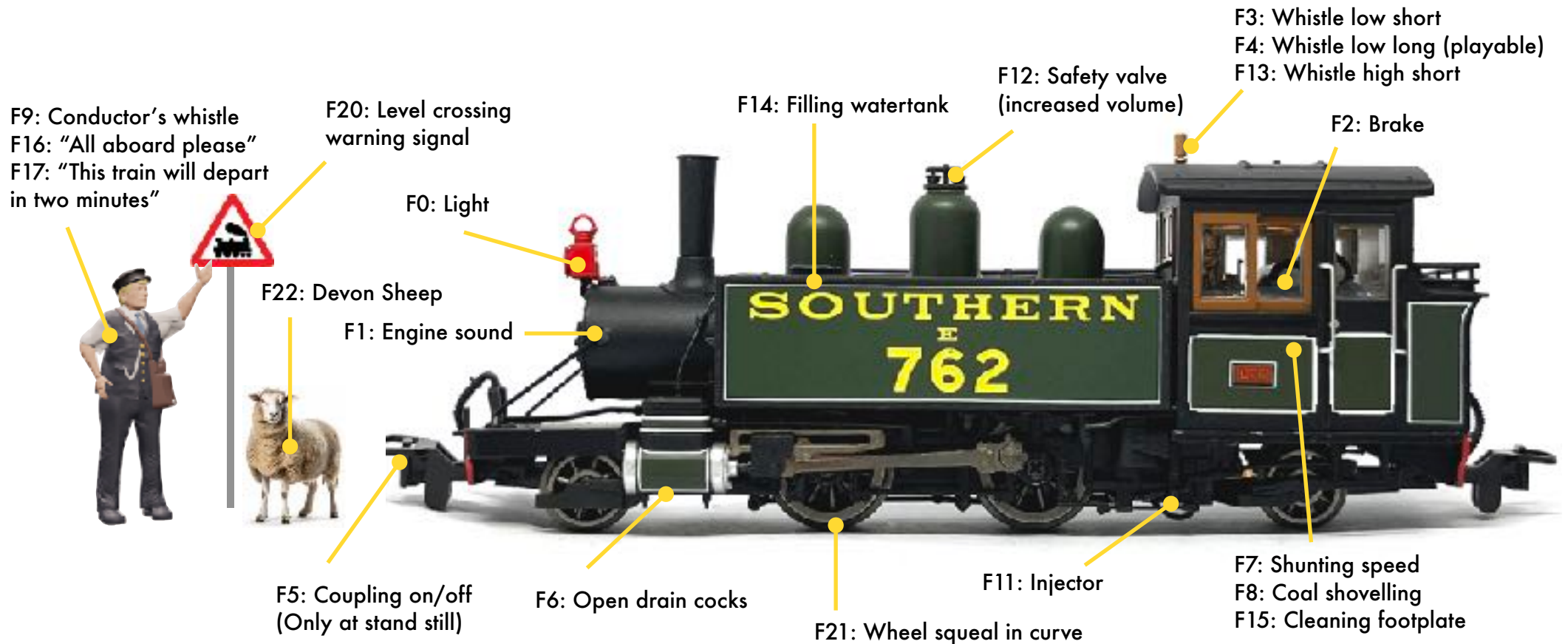


# Baldwin 762 'Lyn' (2-4-2)



F9: Conductor's whistle  
F16: "All aboard please"  
F17: "This train will depart in two minutes"

F20: Level crossing warning signal

F0: Light

F22: Devon Sheep

F1: Engine sound

F14: Filling watertank

F12: Safety valve (increased volume)

F3: Whistle low short  
F4: Whistle low long (playable)  
F13: Whistle high short

F2: Brake

F5: Coupling on/off (Only at stand still)

F6: Open drain cocks

F21: Wheel squeal in curve

F11: Injector

F7: Shunting speed  
F8: Coal shovelling  
F15: Cleaning footplate

F10: Doors closing  
F18: Running sound with goods wagons  
F19: Running sound with bogie coaches

F26: Mute  
F27: Volume down  
F28: Volume up

## FUNCTION LIST

F0: Light on  
 F1: SOUND ON/OFF  
 F2: Brake key (CV309) + Brake sound (short)  
 F3: Whistle Double Low  
 F4: Whistle Long Low (stops when released)  
 F5: Coupling on/off (only at stand still) - Change F key with CV 986  
     Sound volume CV 987 (couple) and CV 988 (uncouple)  
 F6: Open drain cocks (cylinder blow out)  
 F7: Shunting  
 F8: Coal shovelling (fire box on when on Output 1)  
 F9: Conductor's whistle (3 variations) - Change F key with CV 989  
 F10: Doors closing  
 F11: Injector  
 F12: Safety valve (increased volume)  
 F13: Whistle Short High  
 F14: Filling water tank  
 F15: Cleaning footplate  
 F16: "All aboard please"  
 F17: "This train will depart in two minutes"  
 F18: Rail running sound with goods wagons  
 F19: Rail running sound with bogie coaches  
 F20: Level crossing warning signal  
 F21: Wheel squeal in curve  
 F22: Devon sheep (F key = CV 980, Volume CV 981)  
 F23: -  
 F24: -  
 F25:  
 F26: Mute key  
 F27: Vol- (CV396)  
 F28: Vol+ (CV397)

## SOUND SLOTS

17	Injector	60	Conductors whistle short
18	Couple L&B	61	Braking squeal
19	Safety valve with fade in/out	62	Wheel squeal in curve
20	Safety valve loop 2	63	Rail clank with coaches
21	Porthmadog level crossing warning signal	65	Safety valve loop 1
22	Whistle double Low	67	Brake puff
23	Electric switch on/off	68	Brake
24	Light lit with match		
25	Door slam		
26	Sheep 1		
27	Sheep 2		
28	Sheep 3		
29	Whistle Short High		
30	Whistle Long Low		
31	"OK guys, fill her up!"		
32	Sheep 4		
33	Sheep 5		
34	Sheep 6		
41	Shovelling coal / FA1 on		
42	Brake press		
45	Coasting		
46	"All aboard please"		
47	"This train will depart in two minutes"		
48	Cleaning footplate		
49	Filling water		
51	Wagons rail clank		
52	Cleaning footplate with broom		
53	Injector A		
55	Couple chain		
56	Uncouple chain		
57	Brake blow		
58	Conductors whistle double		
59	Conductors whistle long		

# Introduction

## Installation

The sound file has to be installed on a Zimo sound decoder. You can not install it on any other brand. To upload the file, you need a Zimo programmer (MXULFA) or a black Z21. With the latter, you use the Z21 Maintenance software (Windows only or through Parallels on a Mac) and use the tab "Decoder update) to upload the file to the decoder. The time it takes depends on the size of the sound file. It can range from 15 minutes to even an hour.

## The functions explained

### F2 Brake key

If you are new to the brake key, this could be a life changing experience for you. It was introduced by, as far as I have been able to discover, Soundtraxx in the early 2000's. Normally CV4 is set to decide how long of a roll out you have when turning the speed controller to zero. But with a brake button, CV 4 is set to imitate the train rolling out, when the brakes are not on. Now if you turn the speed controller closer to the zero position, then the train will only come to a faster halt when you press the F2 button, which is a dedicated brake key.

Note that you can run the train again with the brake key on. This way the braking time is limited and in the train will behave as if you were used to when running trains without a brake key. This is especially handy when you hand the speed controller to someone who is not familiar with the brake key and you don't want them to run into another precious model train.

CV settings brake key:

CV 4 - 25 Rolling out delay (0-255)

CV 309 - 2 Assign F key (1-28)

CV 349 - 6 Brake time (0-255)

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# Notes

The **sound chuff** on this sound file for Zimo decoders has been tuned for the Heljan model. You can adjust the speed of the chuffs in CV 267 if you are using this for another model. The default is 120.

The **whistle** at F3 can be short or long, depending on how long you activate the F key.

A **Departure whistle** is available. To turn on: CV 581 > 29 (sound slot number). To turn off, CV 581 > 0

The **Brake key** is on by default. To turn off: change CV 4 (default 25) to a lower number, like 10. If you want the roll out to be more, increase the value of CV 4 to 110, for example.

The **Coupling** (F5) has been set up so that when you are running the train and activate the button, no sound is played. Only when you come to a full stop to couple up, the coupling sound plays. Leave the button activated until you want to uncouple. The uncoupling sound is only played at a stand still.

The **Random Sounds** will appear once in a while. Follow the instructions in the Zimo manual to change their timing.

Z1: Injector

Z2: Coal shovelling and fire box glow

Z3: Clearing footplate

**Light on sound** can be changed. The default is a satisfying click, but as the lamp on Lyn is oil fired, there is also the option to change the sound to a match lit version.

CV 570:

Value 24: Match lit

Value 23: Electric switch

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