

Mainline Hunslet

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



F20: Level crossing warning signal (Ffestiniog, Porthmadog)

F0: Light

F1: Engine sound

F7: Coupling on/off (Only at stand still)

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

F26: Mute
F27: Volume down
F28: Volume up

F6: Open drain cocks

F12: Curve wheel squeal

F22: Air brake

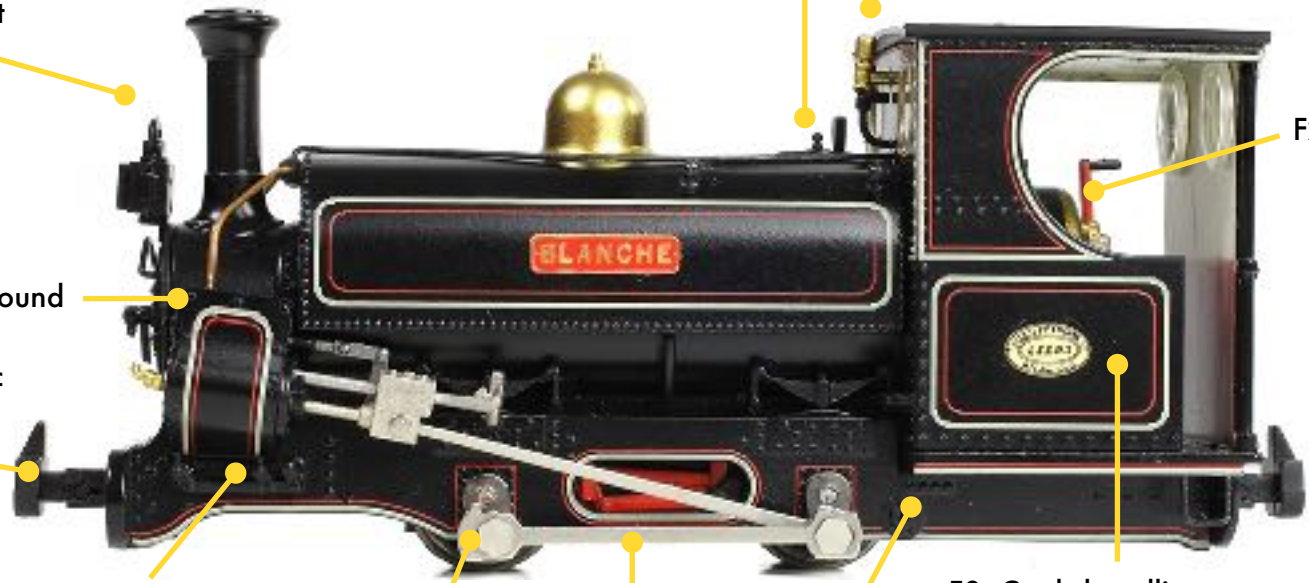
F11: Injector

F14: Filling watertank

F2: Brake

F3: Whistle short*
F4: Whistle long*
* F24 Off = Blanche, On = Linda
F5: Whistle short at stand, long at drive
F21: Whistle long (playable)

F8: Coal shovelling
F13: Wiping floor with broomstick
F15: Cleaning footplate



FUNCTION LIST

F0: Light on
 F1: SOUND ON/OFF
 F2: Brake key (CV309) + Brake sound (short)
 F3: Whistle Short (Change whistle with F24)
 F4: Whistle Long (Change whistle with F24)
 F5: Whistle short at stand, long at drive
 F6: Open drain cocks (cylinder blow out)
 F7: Coupling on/off (only at stand still) - Change F key with CV 986
 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: Curve wheel squeal
 F13: Wiping floor with broomstick
 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: Whistle long (playable)
 F22: Air brake
 F23: -
 F24: Whistle selector. Off = Blanche, On = Linda
 F25: -
 F26: Mute key
 F27: Vol- (CV396)
 F28: Vol+ (CV397)

SOUND SLOTS

21 "All aboard, please!"
 22 Open drain cocks
 23 "This train will depart in two minutes"
 24 Air brake
 25 Coasting
 26 Cleaning footplate
 27 Cleaning with broomstick
 28 Wheel squeal
 29 Engine hiss
 30 Injektor
 31 Couple
 32 Doors closing
 33 Un-couple
 34 Braking squeal
 35 Brake blow
 36 Guard's whistle double
 37 Guard's whistle long
 38 Guard's whistle short
 39 Rail clank bogies
 41 Coal shovelling
 42 Brake press
 43 Whistle Blanche high short
 44 Whistle Blanche low medium
 45 Whistle Blanche low short
 46 Whistle Blanche high long
 47 Whistle Linda high double
 48 Whistle Linda high short
 49 Filling water
 50 Linda safety valve
 51 Goods wagons rail clank
 52 Whistle Blanche long latching
 53 Level crossing warning signal Porthmadog

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 - 15	Brake time (0-255)

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 70.

The **whistles** at F3 and F4 can sound differently. Activate or de-activate F24 to change the sound. Off = Blanche, On = Linda

A **Departure whistle** is available. To turn on: Enter the sound slot number (see list page 2 of these instructions) in CV 581.

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

Tramfabriek Sound Experience

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