

Agdron's Class 385 Sound Mod/General Improvement Patch

Version: 0.1.2



Overview

This Class 385 Sound and General Improvement mod aims at improving the general experience of using and driving the Class 385 in Train Simulator Classic. This mod in its current iteration mainly adjusts noise levels and fixes some other issues with the current implementation in Train Sim Classic. This includes a remap of the key inputs for driving this train. More about this can be found in the changes section.

This is my first mod and has been what I worked on to learn a bit about the processes of modding within train sim. Therefore, I cannot guarantee that this will live up to the standards of other trains/mods as I am inexperienced and haven't got much of the technology or skills which would be required to make a full enhancement pack. My reason for making this mod is because the Class 385 is the train I ride most often in real life and is one of my favorites. I felt it could use a few enhancements, but the likelihood of any experienced developer giving it a high-quality enhancement pack is fairly low. This is one of the reasons why I decided to make this mod. The other reason was more because I needed something to keep me occupied between semesters at university. You could say it is more a passion project than anything else.

Interestingly enough, when going through the sound files for the train, I found that the majority of the motor sounds have in fact been directly recorded from a Class 385, albeit from what sounds like a carriage link. I tested this theory by going out and riding one myself, and they are very similar. The main issue here appears to be that the mixing and implementation of them is of a lower quality, with the sounds themselves being low quality themselves. Other sounds, however, are definitely not from the Class 385. Most notably here is what everybody driving the train in the simulator likely noticed. The flange, the break squeals and the running sounds. I've replaced two of these within the simulator but I'm still searching for possible replacement sound sets for the last.

Updates may come to the pack in the future if I find the time to make them.

Installation

Installation of this pack in its general form at the moment is relatively simple. This may change in a future version, so make sure you are reading the manual which corresponds to the version of the mod which you are attempting to install. For now the process is simple:

- Copy the folder named "Assets" into your Railworks directory.

This should install the mods onto the Class 385 specifically, and they should run as intended within Train Simulator

General Changes

This pack does not swap many of the sounds, with most of the patch being about adjustments to current sounds already packaged with the train. This may change in a future iteration, but for now most remain the same.

Sound Changes

V0.1

- The Buzzer Sound has been swapped out
- Cab Occlusion values have been drastically adjusted (The original implementation of the Class 385 had less sound occlusion than curtains do, this has been changed to the values of a more standard train cab)
- General volume of all sounds has been lowered (previously they were all earsplittingly loud)
- Drastic Lowering of Flange, Break Squeals and certain other sounds considered as considerably sub-par

V0.1.2

- Re-Adjusted the sound volume levels after converting DAV files and checking what each corresponded to
- Replaced all the on-board train announcements with announcements closer to the real thing

Other Changes

V0.1

Key binds have now been adjusted to fall more in line with the controls present on many of the AP Multiple Unit Packs. The new key binds are as follows:

Master Key In/Out	Shift-W
F8	Destination Blind Up
F7	Destination Blind Down
O	Saloon Lighting On/Off
B	High Horn
Space	Low Horn
C	Driver Guard To Bell
Y	Toggle DRA
F	Train Fault Acknowledge

Certain functions not usually in other trains have also had their key binds changed due to one of the above overwriting the key for the previous function. These include:

TPWS Overspeed	Shift-O (Previously O)
Move Cabin Walls	Shift-F8 (Previously F8)
TMS Home Button	Shift-E (Previously E)
TMS DAS Button	Shift-J (Previously J)

Other key binds may be changed in the future. As can be seen above, the key bind for the TMS Home Button has been changed to Shift-E. This has been done to make way for a Driver Vigilance Device implementation possibly in the future.

Ending Notes

This mod was developed as a passion project to try and improve a train which I like. I am by no means experienced and I'm still holding out hope for a proper Class 385 patch someday (a bit like the one made for Train Sim World 3). This pack may receive updates throughout the future as I figure out more ways in which I can fiddle about with the functionality of it and it's sounds.

Known Issues:

- Train horn now glitches more than it used to
- Accidental reveal of even older sounds, and very obvious looping
- The Cab occlusion is still not entirely correct