

Class 175


Enhancement Pack



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How to install

- 1) Locate where you have downloaded this pack and unzip it. Information on how to do this can be found [here](#).
- 2) Go to the location where you have extracted the files from the .zip file.
- 3) Now find the .exe file which should look something like this  and is called 'Class 175 Enhancement Pack'. Double-click this file.
- 4) Follow the steps and by the end of the process, the main part of this pack will have installed.
- 5) If you intend to use any of the included liveries or scenarios, make sure you have the freely available extra stock pack installed, as listed on the product page. Also, for the scenarios, please ensure you have all of the requirements, as also listed on the product page.

Liveries

First North Western - *FNW AP*

Ex-First North Western - *Ex-FNW AP*

Ex-First North Western (Arriva Trains Wales) - *Ex-FNW (ATW) AP*



Keyboard controls

Non-standard keyboard controls are listed below:

Ctrl+A -	Automatic Warning System (AWS) ON/OFF
Numpad Plus -	Brake hold button
E -	Deadman's pedal (DVD reset)
Y -	Driver Reminder Appliance (DRA) ON/OFF
Ctrl+D -	Driver vigilance device (DVD) ON/OFF
C -	Driver to guard signal
Z -	Engine start button
Ctrl+Z -	Engine stop button
I -	Instrument lights switch ON/OFF
Shift+W -	Master key IN/OUT
O -	Passenger saloon lights ON/OFF
Ctrl+1 -	TMS key 1 or F1
Ctrl+2 -	TMS key 2 or F2
Ctrl+3 -	TMS key 3 or F3
Ctrl+4 -	TMS key 4 or F4
Ctrl+5 -	TMS key 5
Ctrl+6 -	TMS key 6
Ctrl+7 -	TMS key 7
Ctrl+8 -	TMS key 8
Ctrl+9 -	TMS key 9
Ctrl+Backspace -	TMS backspace key
Ctrl+Numpad Enter -	Visual aids ON/OFF
V -	Wiper switch INCREASE
Shift+V -	Wiper switch DECREASE

Features

- Brand new First North Western livery
- Detailed external, cab & passenger view audio
- Accurate acceleration and braking physics
- [Train Management System \(TMS\)](#)
- [Automatic unit numbering](#)
- New, more realistic Driver Reminder Appliance (DRA) button
- High quality headlight textures
- Functioning vehicle overspeed light

Train Management System (TMS)

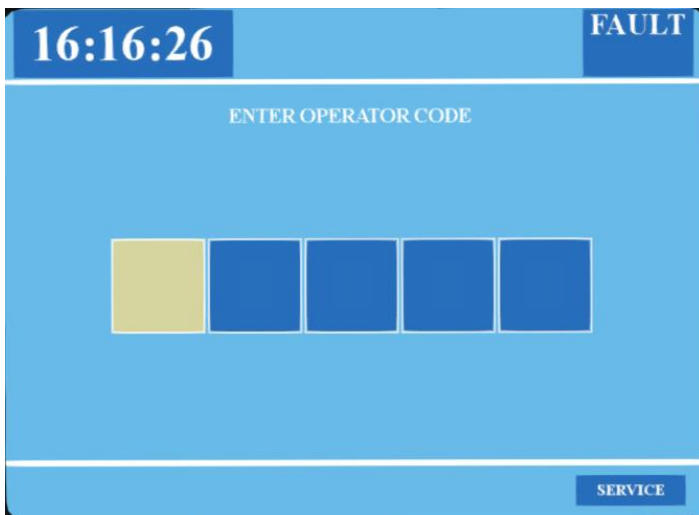
The TMS screen to the left of the driver provides information on many aspects of the unit. Please see below for the screens it displays and how to use them:

Cab Not In Service



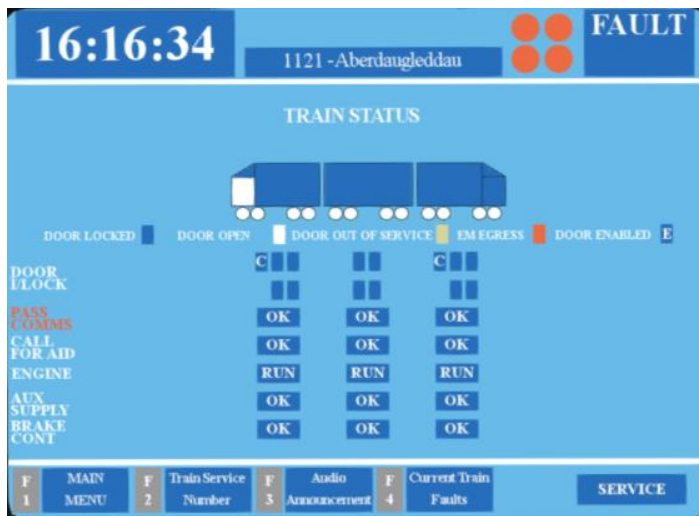
This is the first screen you'll see when entering the cab. To activate the TMS, you must turn the master key and move the reverser to neutral. The 'Operator Code' screen will then appear.

Operator Code



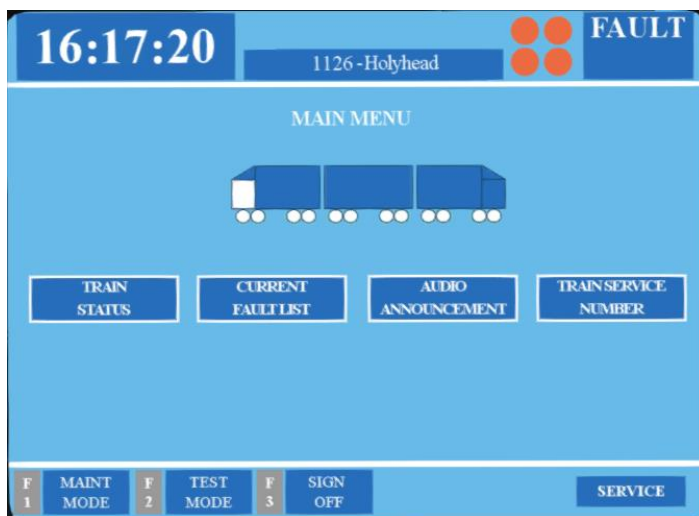
In reality, every driver has their own unique code that they must enter but seeing as this is a simulator, you may make up your own five digit code. To enter a number, press Ctrl+x, x being your chosen number. Please note that due to a quirk with the simulator, you are unable to enter '0'. Once all five digits have been entered, press Ctrl+1, and you will be taken to the 'Train Status' screen.

Train Status



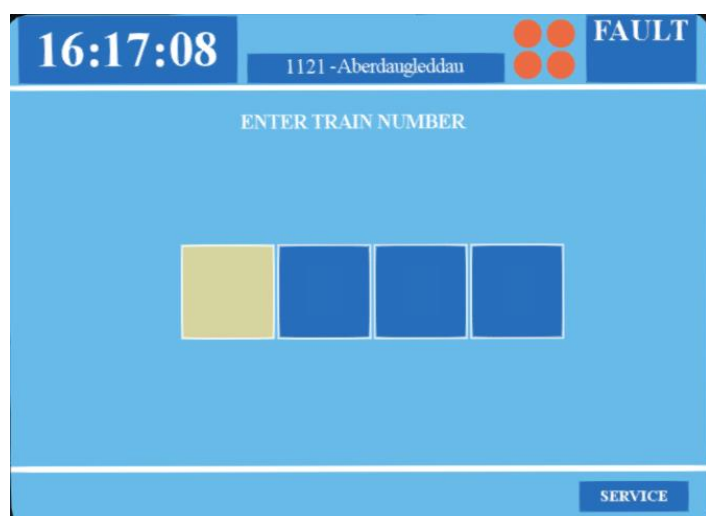
On this screen, you can view the formation of your train and real-time information on the state of the doors/engines. As well as this, you can access the 'Main Menu' screen by pressing 'Ctrl+1' and the 'Train Service Number' screen by pressing 'Ctrl+2'.

Main Menu



On this screen, you can view the formation of your train. Also, you can access the 'Train Status' screen by pressing 'Ctrl+4' and the 'Train Service Number' screen by pressing 'Ctrl+7'. Finally, you can sign off and enter a new operator code by pressing 'Ctrl+3'.

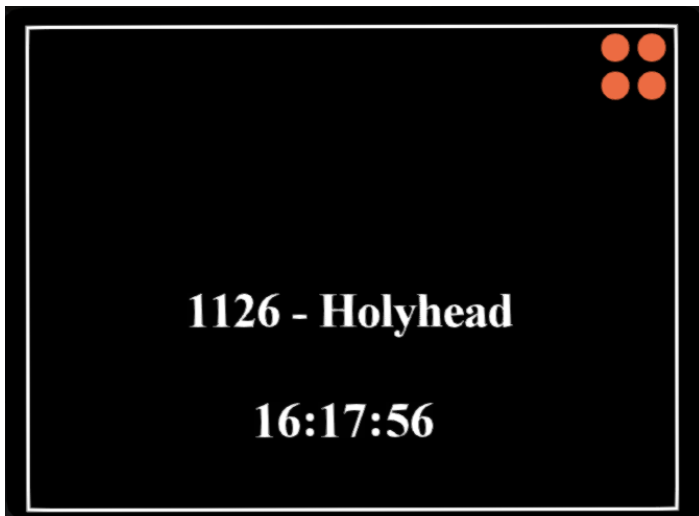
Train Service Number



On this screen, you can change the destination displayed on the front and rear of the train. To do this, you must enter the relevant four digit code for the destination. A list of these codes can be found in the cab, to the left of the TMS screen. They are also copied below for reference. Once you have entered the four digit code, press 'Ctrl+2', and the destination will be applied. You can then return to the Main Menu screen by pressing 'Ctrl+1'.

1111 Aberystwyth	1135 Casnewydd
1112 Arriva Trains Wales	1136 Newport
1113 Bristol Parkway	1137 Caer
1114 Bristol Temple Meads	1138 Chester
1115 Caerdydd Canolog	1139 Preston
1116 Cardiff Central	1141 Warrington Bank Quay
1117 Maesteg	1142 Crewe
1118 Abertawe	1143 Cryw
1119 Swansea	1144 Amwythig
1121 Aberdaugleddau	1145 Shrewsbury
1122 Milford Haven	1146 Caerfyddin
1123 Caerloyw	1147 Carmarthen
1124 Gloucester	1148 Birmingham New Street
1125 Caerdybi	1149 Wigan North Western
1126 Holyhead	1151 Wrexham Canolog
1127 Manchester Airport	1152 Wrexham General
1128 Cyffordd Llandudno	1153 Not In Service
1129 Llandudno Junction	1154 Special
1131 Blackpool North	1155 Class 175
1132 Llandudno	1156 Cheltenham Spa
1133 Manceinion Piccadilly	1157 Empty To Depot
1134 Manchester Piccadilly	9999 Blank

Screensaver



After 30 seconds of inactivity, this screen will appear. It displays the train service number, destination and time. If you wish to access the TMS again, press 'Ctrl+1'.

Automatic unit numbering

When placing a class 175 unit in the scenario editor or using one in Quick Drive, all coaches in the unit will automatically be given correct unit and coach numbers, instead of you having to select each vehicle and change the number manually so they match. If you wish to change the unit number, it is controlled via the DMSLA coach. Please note that the destination display on both driving coaches is also controlled via the DMSLA coach.

Setting up the driver's cab

Please follow the steps below to set up the cab of the class 175 so you are ready to move:

- 1) Turn the master key in by pressing **Shift+W**.
- 2) Move the reverser to the 'neutral' position by pressing **W**. The TMS alarm will sound, shortly followed by an AWS self-test.
- 3) Cancel the AWS self-test alarm by pressing **Q**.
- 4) Set up the Train Management System as necessary.
- 5) Turn on the headlights by pressing **H**.
- 6) Check the door interlock light is lit.
- 7) Turn the Driver Reminder Appliance (DRA) off by pressing **Y**.

Scenarios

APC175EP: 1V48 15:30 Manchester Piccadilly - Carmarthen

Route = South Wales Coastal - Bristol to Swansea
Track covered = Newport - Swansea
Traction = Arriva Trains Wales 175103
Year = 2016
Duration = 1 hour 25 minutes



APC175EP: 1W12 07:07 Milford Haven - Manchester Piccadilly

Route = South Wales Coastal - Bristol to Swansea
Track covered = Swansea - Cardiff Central
Traction = Arriva Trains Wales 175106
Year = 2016
Duration = 1 hour



APC175EP: 11:17 Maesteg - Cheltenham Spa

Route = South Wales Coastal - Bristol to Swansea
Track covered = Bridgend - Caldicot
Traction = Ex-First North Western (ATW) 175005
Year = 2007
Duration = 1 hour 5 minutes



Credits

Nicolas Schichan - Advanced scripting

Arriva Trains Wales - Assistance in recording sounds

Video 125 - Audio samples