

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 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)

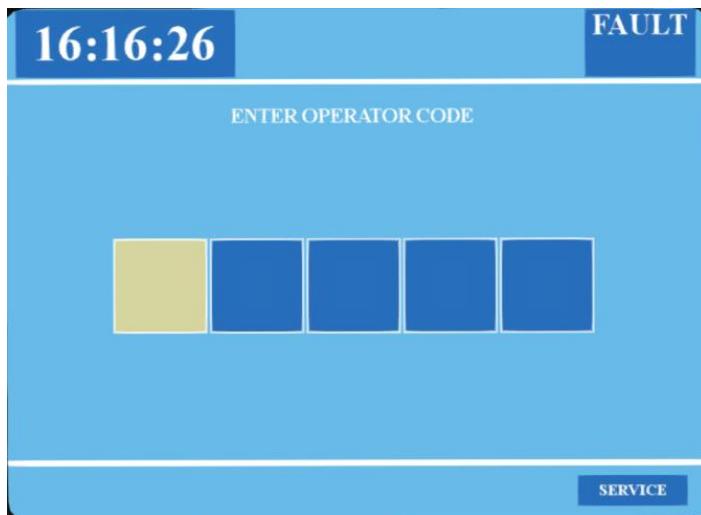
The TMS screen to the left of the driver provides information on many aspects of the unit. Please see below for the screens it displays and how to use them:

Cab Not In Service



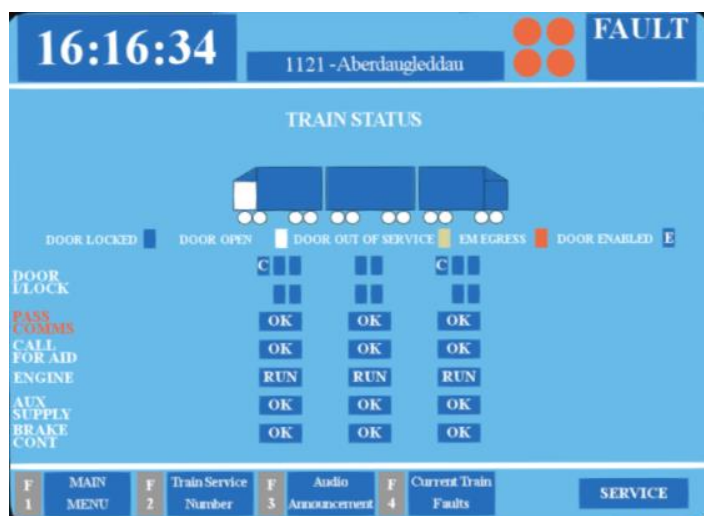
This is the first screen you'll see when entering the cab. To activate the TMS, you must turn the master key and move the reverser to neutral. The 'Operator Code' screen will then appear.

Operator Code



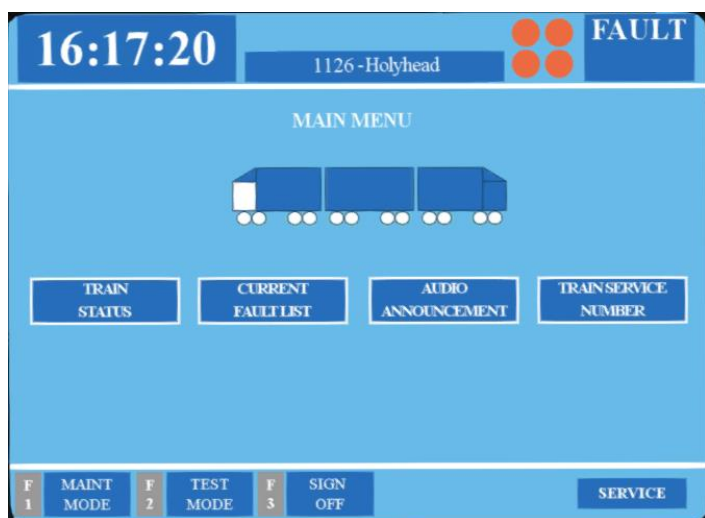
In reality, every driver has their own unique code that they must enter but seeing as this is a simulator, you may make up your own five digit code. To enter a number, press Ctrl+x, x being your chosen number. Please note that due to a quirk with the simulator, you are unable to enter '0'. Once all five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

Train Status



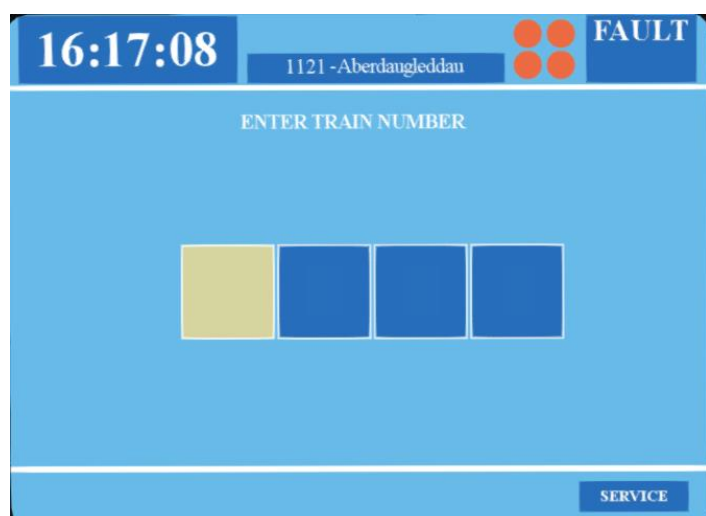
On this screen, you can view the formation of your train and real-time information on the state of the doors/engines. As well as this, you can access the 'Main Menu' screen by pressing 'Ctrl+1' and the 'Train Service Number' screen by pressing 'Ctrl+2'.

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'.

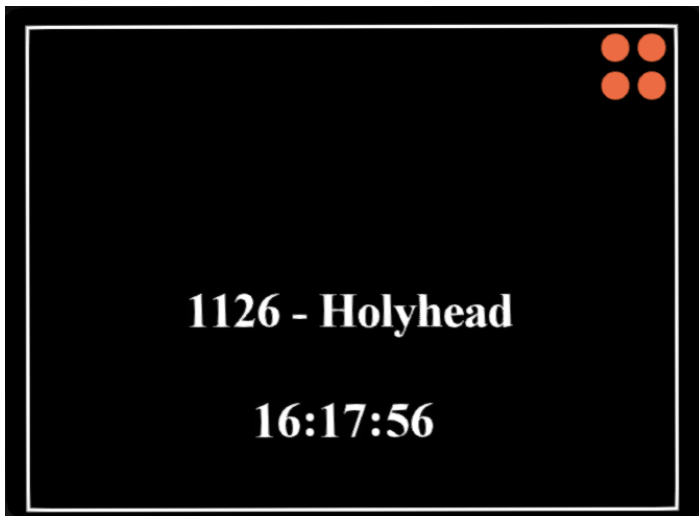
Train Service Number



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 **S**. 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