Departures Board Setup Guide

Follow the steps below to setup your Departures Board for the first time.

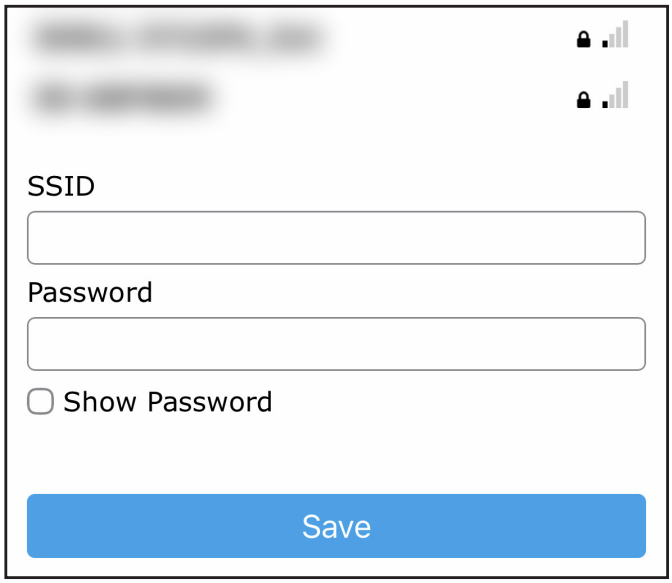
1: Attach the power cord to the USB socket and start up the board by plugging in a good quality USB power supply, capable of providing at least 500mA.

The following screen will appear on the board:

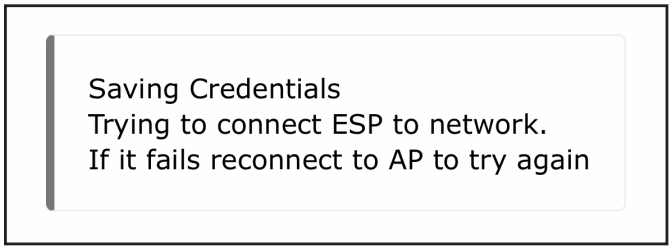
2: The board creates a temporary WiFI network called *"Departures Board"* for setup. Using a smartphone, tablet or laptop, connect to the *"Departures Board"* network. Once connected, the WiFiManager screen may appear automatically (on some phones & tablets), if not, open your web browser and go to **http://192.168.4.1** to access the WiFiManager. Tap **Configure WiFI**.

3: A list of the WiFi networks in range will be shown. Select the WiFi network that you want the board to use and then enter your WiFi password (tap *Show Password* to make this easier to enter).

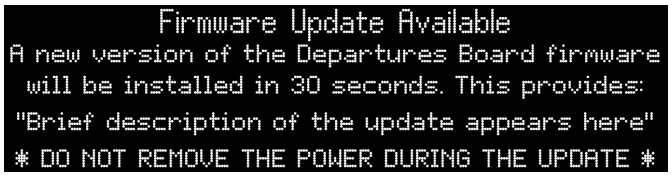
Tap **Save** and the board will automatically restart.



4: After restarting, the board will attempt to connect to your WiFi network. If it fails to connect (usually because the WiFi password is incorrect), the board will revert to step 1.



Once connected, the board will check for any firmware updates. If you see the following screen, wait for the update to complete and then continue with step 5.



5: The next step is to enter your data access api keys (see *Data Access Keys* below). All of the keys are optional, but only tube and bus modes will be available without a National Rail data access token.

Open the URL shown on the board's screen to enter your API keys when you are ready.

6: You are now ready to select a station or bus stop to display. Open the URL shown on the screen to access the configuration menu. Alternatively, you can also type http://departuresboard.local to access the board. See the next page for more details on the various configuration options.

If the board is ever unable to connect to your home WiFi network, the system will revert to step 1 and broadcast its own *"Departures Board"* network again to enable you to reconfigure the WiFi (all the other configuration settings will be retained).

DATA ACCESS KEYS

To enable the board to access realtime data from National Rail you will need to register for data access api keys (free of charge).

The board will operate in Tube and Bus modes only without a National Rail api token.

Follow the guide below to register and obtain your keys:

https://store.gadec.co.uk/api-keys-v3

Departures Board Quick Reference

The Departures Board has three modes of operation: *UK National Rail*, *London Underground* and *UK Bus Network*. To configure the board, use your web browser to open http://departuresboard.local or use the ip address of the board shown on the screen during start-up.

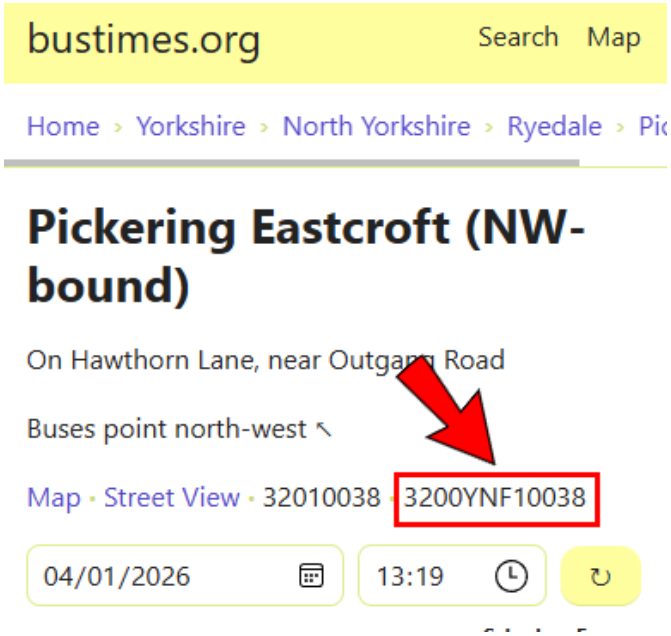
Rail Departures Board
Start typing the name of the station you want to display and a list of matches will be shown. Optionally, you can choose to only show services which call at a particular location and/or which leave from selected platforms.

Further options for configuring bus replacement services, weather and platform numbers can be found on the **Options** tab.

Always use the **Save Settings** button to commit any changes and update the board's display.

Tube Arrivals Board
Start typing the name of the underground station you want to display and a list of matches will be shown as you type. You may also filter services by line and direction.

Bus Departures Board
Every UK bus stop has a unique ATCO code number. To find the ATCO code of the stop you want to monitor, use the map or the search option. When using the map, tap on the bus stop and then tap again on the location name in the pop-up. Details of the stop will be displayed, including the ATCO code as shown in the example below.



Copy & paste the code into the **Bus Stop ATCO code** box and tap the **Verify** button - the location will be shown confirming your selection.

You must use the Verify button before you can save changes. Up to ten of the most recently verified ATCO codes are saved and can be selected from a drop-down list for quick access.

Scheduler and Carousel
You can add any combination of rail, tube or bus services to the scheduler and carousel lists (on the *Schedule* tab). The scheduler switches the display based on the time of day, whereas the carousel switches services after a set period of time. Up to five services can be added to each list. The scheduler and carousel cannot both be enabled at the same time.

Options / Advanced Tabs
The **Options** tab is used to configure general items (such as screen brightness, firmware updates and screensaver) plus options relating to the currently configured board mode (e.g. showing the weather at the selected station or bus stop, showing platform numbers etc.).

The **Advanced** tab is used to configure some specific hardware options such as screen orientation, customising the host name and time zone as well as news feeds.

Touch Sensor
Version 3 Departure Boards include a touch sensor (located on the left side of the case) which can be enabled from the **Advanced** tab. The hardware version of your Departures Board can be found on the label on the base of the board (note: version 1.x and 2.x boards do **not** have a touch sensor installed).

Once enabled, a **short** tap switches between the configured board modes (Rail/Tube/Bus) or wakes the board from screensaver mode. If the scheduler or carousel mode is enabled, a tap switches to the next entry in the list.

RSS News Feeds
In Rail & Tube modes, the board can display headlines from a selected news feed. A number of predefined feeds can be selected from the **Options** tab. The RSS feeds editor can be used to add your own custom feeds to the list.

The RSS feeds editor can be found, together with further options to manage the board, in the drop-down menu (top right).

Firmware Updates
The board will automatically check for, and install, any new versions of the Departures Board software at startup. This option can be disabled, but we recommend that you check for updates regularly to keep your board running optimally.

For boards that are running 24/7, selecting the *Daily Check for firmware updates* option will check for, and install, any new versions around midnight every day (if the board is powered on).