JPAPPS Design

Honours Board Software

User Guide for Raspberry Pi platforms

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Contents

Welcome 2
Installation 3
Step 1: Download the Setup file 3
Step 2: Run the Setup File 3
Step 3: Complete Installation 3
License Activation 4
Step 1: Copy your License Key 4
Step 2: Enter your License Key 4
License Information 5
CSV Data File 6
Initial Software Settings 7
Adjusting the Layout 8
Starting the Software 9
Auto Start Honours Board 10
Step 1: Set Auto Start in the Honours Board settings 10
Step 2: Auto Shutdown Raspberry Pi 10
Step 4: Power Management 10
Uninstalling the Software 11
Diagnostics and Support 12

Welcome

Thank you for your purchase of the Honours Board Software by JPAPPS Design. We hope it will fulfil your needs for a displaying a digital honours board at your venue.

This document will guide you through the installation, licensing, set up and maintenance of the Honours Board Software.

This software has been tested on Raspberry Pi Debian Trixie with updates as of August 2026.

In summary there are three main controls to this software after installation and activation:

Keyboard Shortcut	Action
Ctrl + Shift + S	Open the Settings window.
Ctrl + Shift + L	Open the diagnostics window.
Esc	Show a pop-up window to exit the application.

If you have any questions, issues or new feature requests please email:
hello@jpappsdesign.uk

Installation

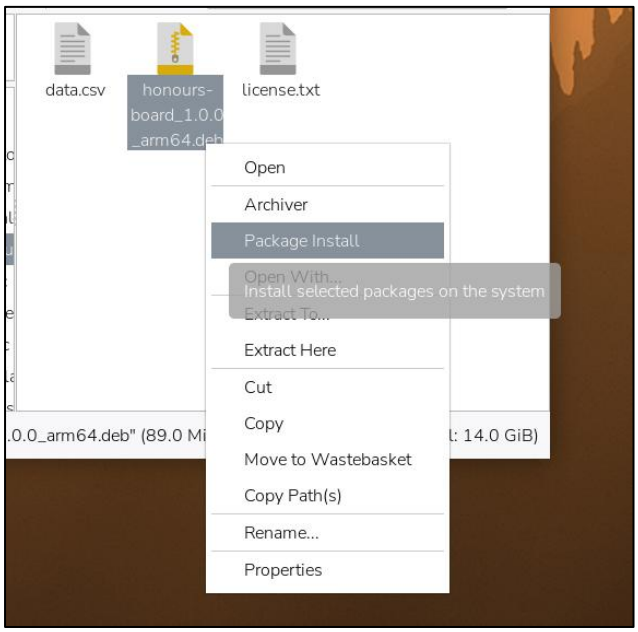
This section will guide you through the installation of the Honours Board software which should only take a couple of minutes.

Step 1: Download the Setup file

The setup installation file for Raspberry Pi can be downloaded from the link in your confirmation email.

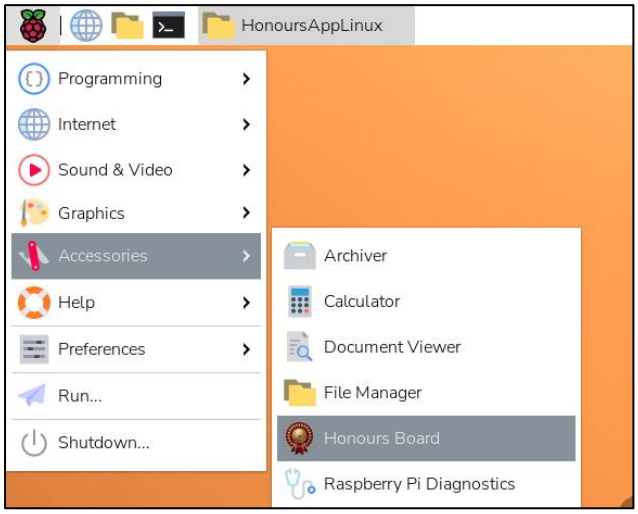
Step 2: Run the Setup File

Right click the “honours-board_1.0.0_arm64.deb” file and click “Package Install” from the menu:



Step 3: Complete Installation

Allow the installation to complete. In the Raspberry Pi main menu (top left of the desktop), hover over “Accessories”, the “Honours Board” icon will show in the list. Click the icon:



License Activation

This section describes the process for activating your purchased license which allows you to access the features of this product. During activation please make sure you have an internet connection as the software will need to verify your license key is valid.

After activation is complete, an internet connection is not required when the software is opened or running.

> **IMPORTANT**: If uninstalling the Honours Board Software, please ensure that there is an internet connection for successful release of your license.

Step 1: Copy your License Key

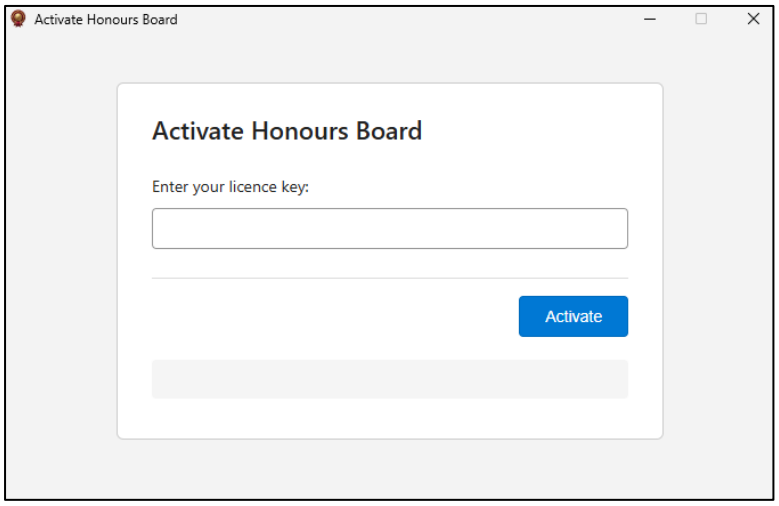
Take a copy of your license key in your confirmation email. Highlight the license key and on your keyboard press **Ctrl + C**.



Step 2: Enter your License Key

With the software opened for the first time enter your license key by clicking on the text box and on your keyboard press **Ctrl + V**.

The click “Activate”.



License Information

If activation was successful, the software will open the settings menu to configure your digital honours board.

License Activation may fail for the following reasons:

- No internet connection.
- The license key is not valid, check characters entered. It must be typed exactly as the key given in your confirmation email. No extra blank spaces.
- The license key has already been activated on another PC, including platforms with a different operating system.
- The activation file stored on your PC was moved or deleted. Or the software was uninstalled without successful release of your license. Contact hello@jpappsdesign.uk for support.

CSV Data File

The Honours Board Software reads the honours data from a single CSV file. An example CSV file for tennis winners is included in your downloaded folder of the software. The CSV file must contain the following three headings:

- Category
- Year
- Name

Commas are used by the CSV file to separate columns. Do not include commas in the text in the data rows. If editing the CSV file in a text editor, the layout below should be used as an example:

```
Category,Year,Name
Mens Singles,2025,J Sinner
Mens Singles,2024,C Alcaraz
Mens Singles,2023,C Alcaraz
Mens Singles,2022,N Djokovic
Mens Singles,2021,N Djokovic
Ladies Singles,2025,I Swiatek
Ladies Singles,2024,B Krejcikova
Ladies Singles,2023,M Vondrousova
Ladies Singles,2022,E Rybakina
Ladies Singles,2021,A Barty
Mens Doubles,2025,J Cash & L Glasspool
Mens Doubles,2024,H Heliovaara & H Patten
Mens Doubles,2023,W Koolhof & N Skupski
Mens Doubles,2022,M Ebden & M Purcell
Mens Doubles,2021,N Mektic & M Pavic
```

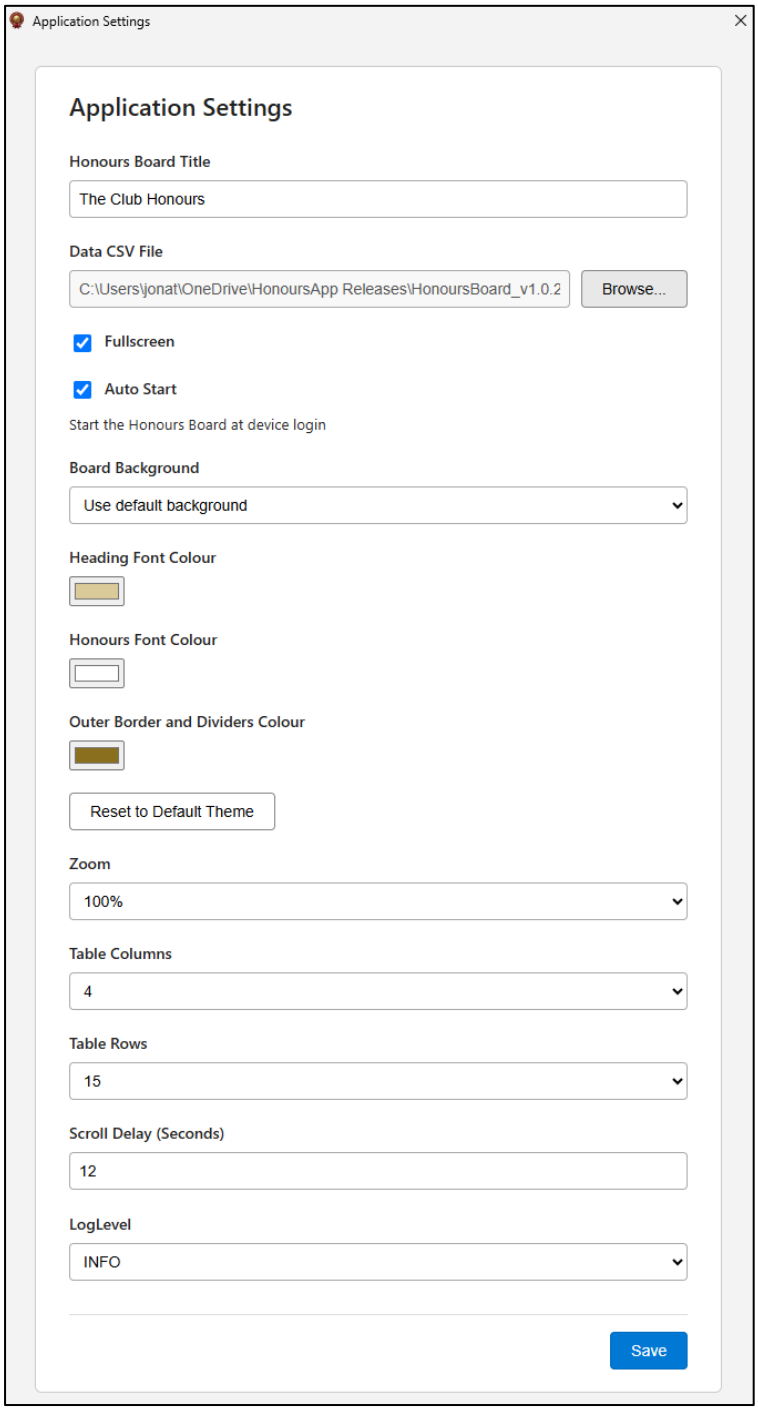
For easier maintenance, it is preferable to keep each category grouped and in year order (latest year at the top). Spreadsheet editors can also be used to create and modify the CSV file.

IMPORTANT: Ensure your data CSV file is saved to a location where it won't be accidentally deleted! Don't save your CSV file to the "Desktop" or "Downloads" folders.

Initial Software Settings

This section will show you how to configure the Honours Board for the first time. The settings can be adjusted once the Honours Board is running and you can see the layout.

After successful activation the Settings window will appear. Enter your “Honours Board Title” and click “Browse” to select your Honours Board data CSV file. See example below:



Click “Save” when you are happy with the initial settings. The layout can be adjusted once you have viewed the Honours Board.

Adjusting the Layout

Once the initial settings have been saved, the Honours Board will be displayed, and you will see your title and data rotating through.

It is expected on the first run of the Honours Board, it will either look too zoomed in/bunched up or too zoomed out.

To open the settings the window while the Honours Board is running on your keyboard press **Ctrl + Shift + S**.

Ideally the layout should find be a balance between not having large gaps and displaying a good quantity of data per rotation.

The following settings can be adjusted to find the right layout for your screen:

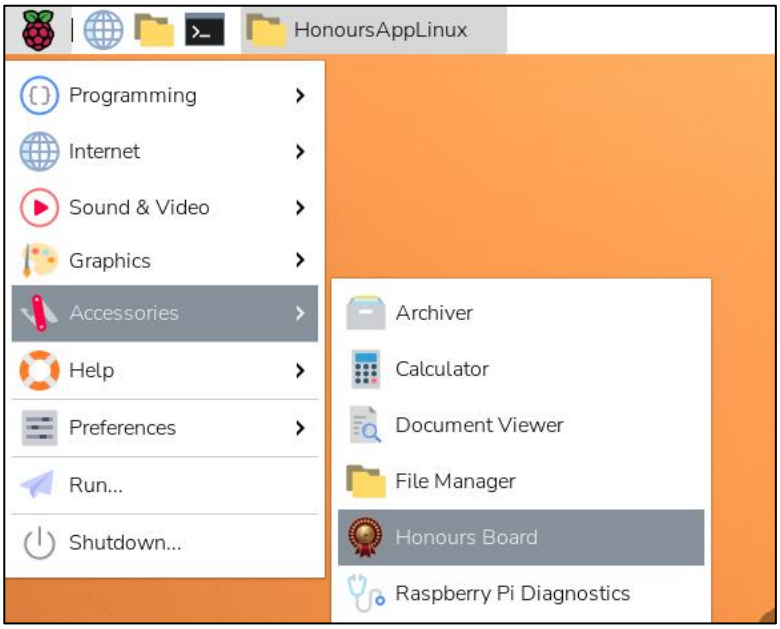
- **Table Columns**: The number of displayed columns. For Standard TV/Monitors four or five columns is recommended. For portrait displays use two columns. Widescreen displays should use six columns.
- **Table Rows**: The number of rows for each column. Ensure the number of rows doesn't exceed the display surface.
- **Zoom**: Determines how large the text is on the screen. A recommendation is to keep the Category titles as short and concise as possible so that they fit on a single line per column for your desired Zoom level.
- **Scroll Delay**: The delay between each transition on the Honours Board. More data on the display will require a longer delay for the best user experience.
- **Log Level**: This is for diagnostic purposes only and should be kept at "INFO" in normal operation.

After adjusting the settings, either click "Save" to save the settings without making any live changes (they will take affect when reopening the software). Alternatively click "Save & Restart" to save the settings and automatically relaunch the software.



Starting the Software

To open the software, the application can be found in the Raspberry Pi main menu (top left of the desktop), hover over “Accessories”, the “Honours Board” icon will show in the list:



On Raspberry Pi, the Honours Board software can be run from a terminal window by running the command:

```
honours-board
```

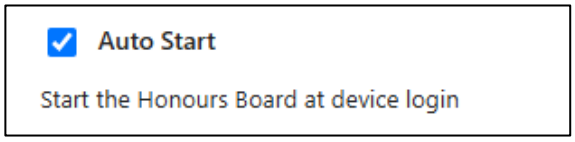
Alternatively the software could be started using a third-party schedular application if your venue chooses to use your display for other purposes such as club advertising.

Auto Start Honours Board

For autonomous operation of the Honours Board, the software can be configured to automatically start when the device enters the operating system after power is applied. The Raspberry Pi can be configured to automatically shut down. See instructions below.

Step 1: Set Auto Start in the Honours Board settings

In the Honours Board Software settings tick the “Auto Start” checkbox, then save the settings:



Step 2: Auto Shutdown Raspberry Pi

In addition to the previous step, full automation of your Honours Board system would require shutdown of your dedicated Raspberry Pi.

To create a task to shut down your Raspberry Pi at a specific time, see the following steps:

1. Open a terminal.
2. Run: `sudo crontab -e`
3. Add this line at the bottom: `0 23 * * * /usr/sbin/shutdown -h now`
4. The format of this line is: `MINUTE HOUR * * * /usr/sbin/shutdown -h now`
5. Save the file: Ctrl+O, Enter then Ctrl+X

Step 4: Power Management

To complete the autonomous starting of the Raspberry Pi and Honours Board, an external power timer is recommended.

This can be in form of a “smart power plug” or a mechanical mains power timer (e.g. for lamps, Christmas lights etc).

The timer should be configured to turn on power at the start of the day and configured to turn off power at least 15 minutes **AFTER** the Pi is set to automatically shut down.

Most modern TV’s support Auto Power On/Off in their settings menu. Please refer to the manufacturer’s instructions.

IMPORTANT: Ensure power timers are aware of seasonal changes to clock time. E.g. GMT and GMT+1. Otherwise the power may be turned off before the Pi is shut down!

Uninstalling the Software

IMPORTANT: If uninstalling the Honours Board Software, please ensure that there is an internet connection for successful release of your license.

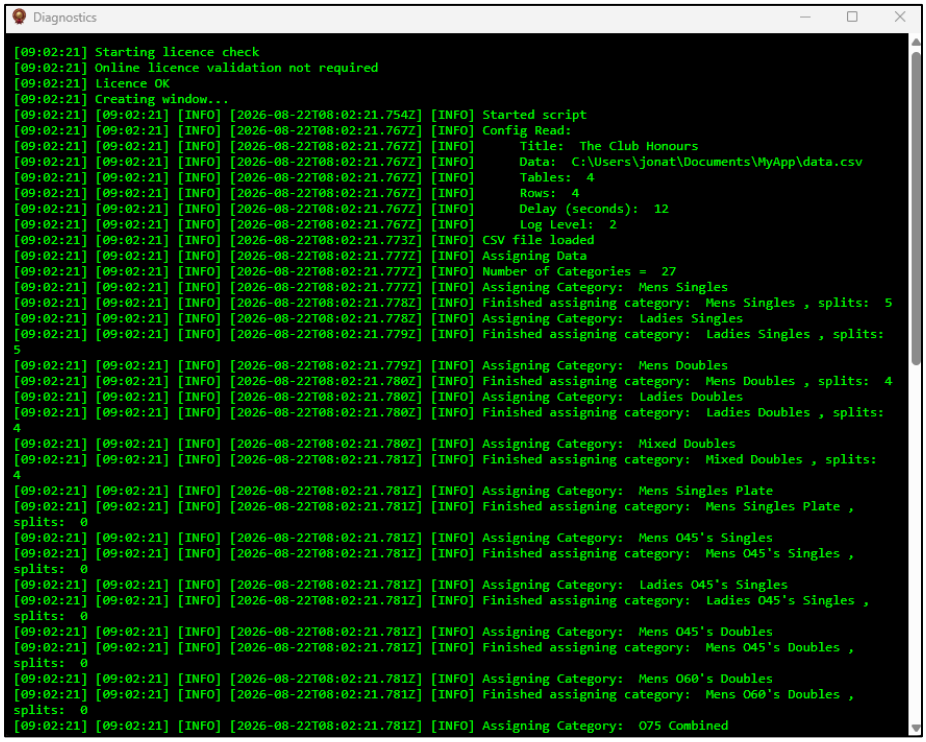
Close the Honours Board software and once connected to the internet, open a terminal window and run the command below:

```
sudo apt-get remove honours-board -y
```

Once the uninstall is complete your license will now be released to install and activate again on the same PC or a different platform.

Diagnostics and Support

Issues may arise with the display of honours data due to an invalid CSV file, or the file has not been formatted correctly. Diagnostic logs can be viewed by pressing **Ctrl + Shift + L** while the Honours Board is running. See example below:



Increasing the “Log Level” from the Settings window will show more detailed log information for creating the Honours Board.

> **IMPORTANT**: Only increase the “Log Level” when necessary for diagnosing an issue with the CSV data. Set the “Log Level” to INFO during normal operation.

If you still encounter an issue, please email hello@jpappsdesign.uk and preferably attached with information from the Diagnostics window.