

How to Use the Driver v5 with Ynvisible Displays

The **Driver v5** is a simple and intuitive tool for controlling Ynvisible displays. You can use it with preset animations or integrate it into advanced applications using our software library.

Follow the instructions below to get started:

1. Install the Required Software

1. Download and install the Arduino IDE https://www.arduino.cc/en/software/

2. Add the YNV_Driver_v5 Library

- 1. Open the Arduino IDE
- 2. Go to Tools > Manage Libraries...
- 3. In the search bar, type: YNV_Driver_v5
- 4. Click Install

3. Add the Driver v5 Board to the Arduino IDE

- 1. Open the Arduino IDE
- 2. Go to File > Preferences
- 3. In the Additional Board Manager URLs field, add the following URL on a new line:

https://github.com/Ynvisible-Electronics/YNV-Driver-v5board/raw/refs/heads/main/custom_board/package_driver_v5.json

- 4. Click OK
- 5. Go to Tools > Board > Boards Manager...
- 6. Search for YNV Driver v5
- 7. Select the latest version and click Install
- After installation, select the board via: Tools > Board > YNV Driver v5 > Ynvisible Driver v5

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4. Upload Your First Code

- 1. Connect the **Driver v5** to your computer using a USB cable
- Open the example sketch via:
 File > Examples > YNV_Driver_v5 > EvaluationKit
- 3. On the Driver v5 board, press and hold the START button
- 4. While holding the START button, click the Upload button in the Arduino IDE
- 5. Wait for the upload to finish

That's it! You're ready to use the Driver v5!

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