

How to Use the Driver 5.2 with Ynvisible Displays

The **Driver 5.2 (HW601FW2)** 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-v5-board/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**
8. After installation, select the board via:
Tools > Board > YNV Driver v5 > Ynvisible Driver v5

4. Upload Your First Code

1. Connect the **Driver v5** to your computer using a USB cable
2. 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 5.2!