



# INSTRUCTION MANUAL



## GRID DDU5

### VERSION 1.6

Last updated: 03-12-2025

# BEFORE YOU START:

Thank you for your purchase. In this manual we will provide you with the means to get started using your new dash!

## GRID DDU5

Features:

5" 854x480 Sim-Lab LCD

20 full RGB LEDs

Up to 60 FPS

24 bit Colors

USB-C Powered

Multiple software options

Drivers included

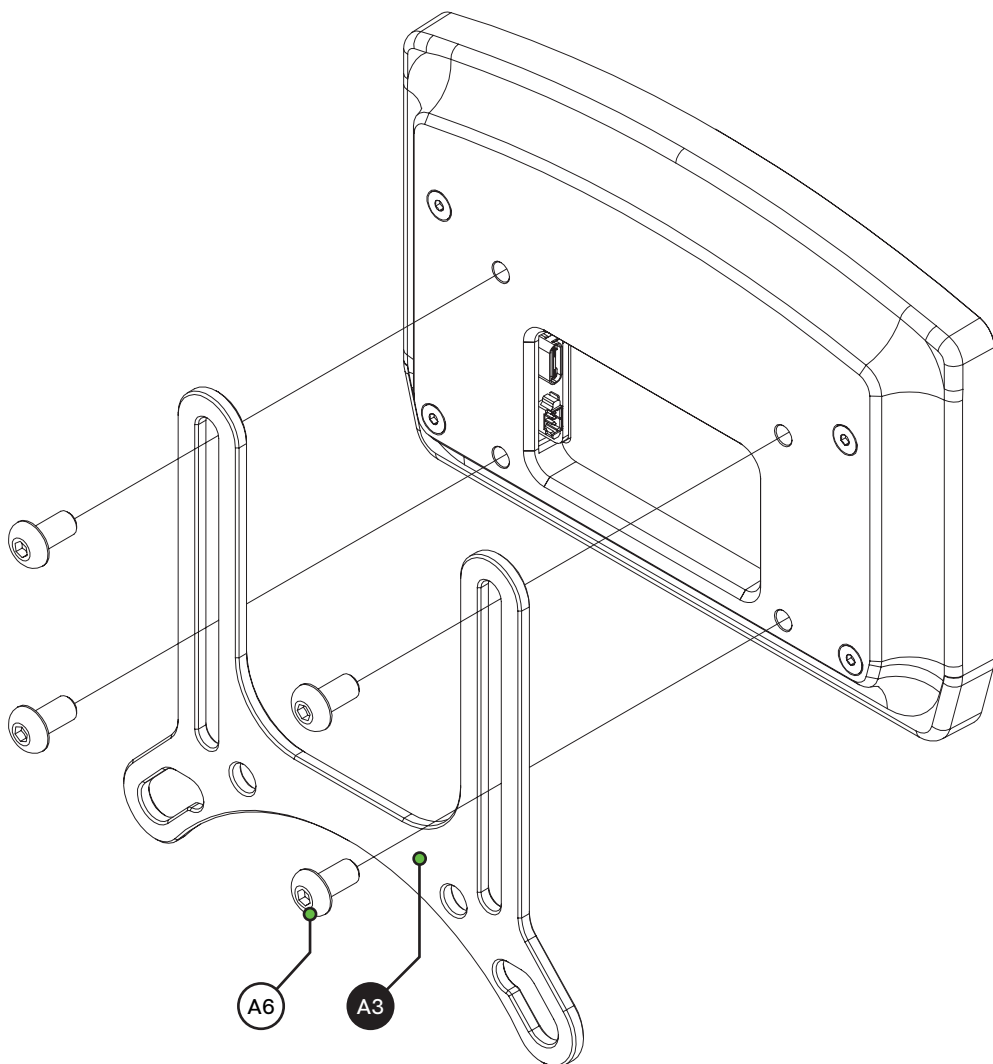


Mounting the dash is very easy thanks to the included mounting brackets. We offer a wide range of support for most popular hardware.

From 2025, we also added the capability to connect GRID BROWS V2 straight to the DDU.

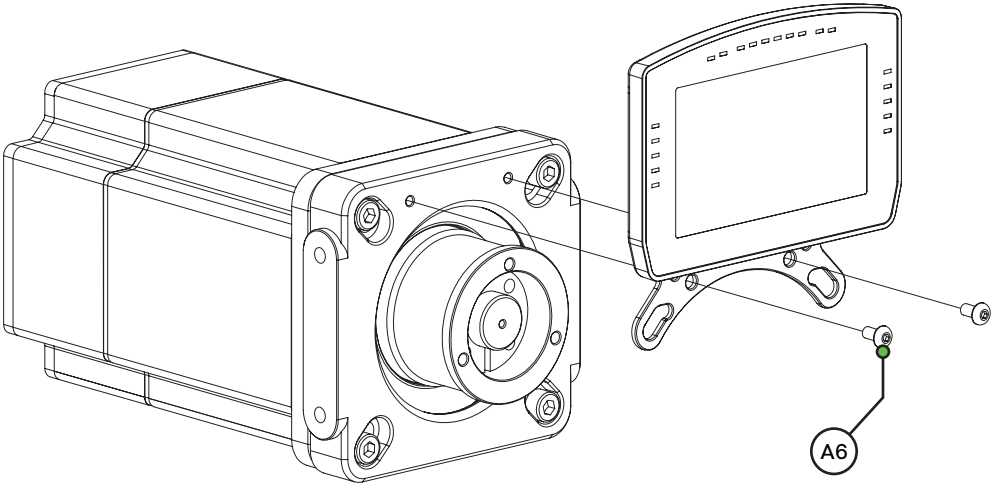
## Mounting the dash

To be able to mount the dash on the hardware of your choice, we provide several mounting brackets. Which ones you have received may depend on your purchase and may be different from the following ones we show. However, mounting is all more of the same. With the instructions for the two included brackets, you should be able to mount any specific ones for your hardware.

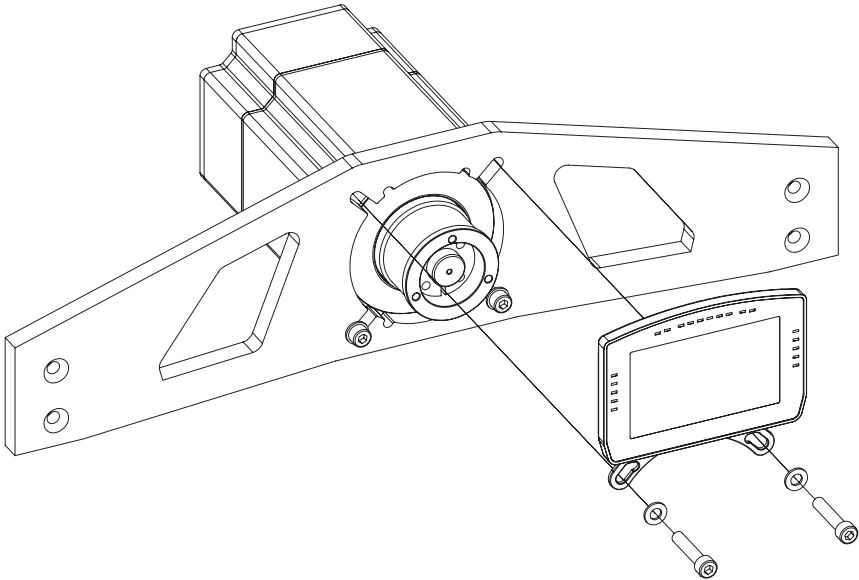


**Sim-Lab/Simucube/Simagic/VRS**

Using the accessory mounting holes on the Sim-Lab front mount, only two bolts are needed.

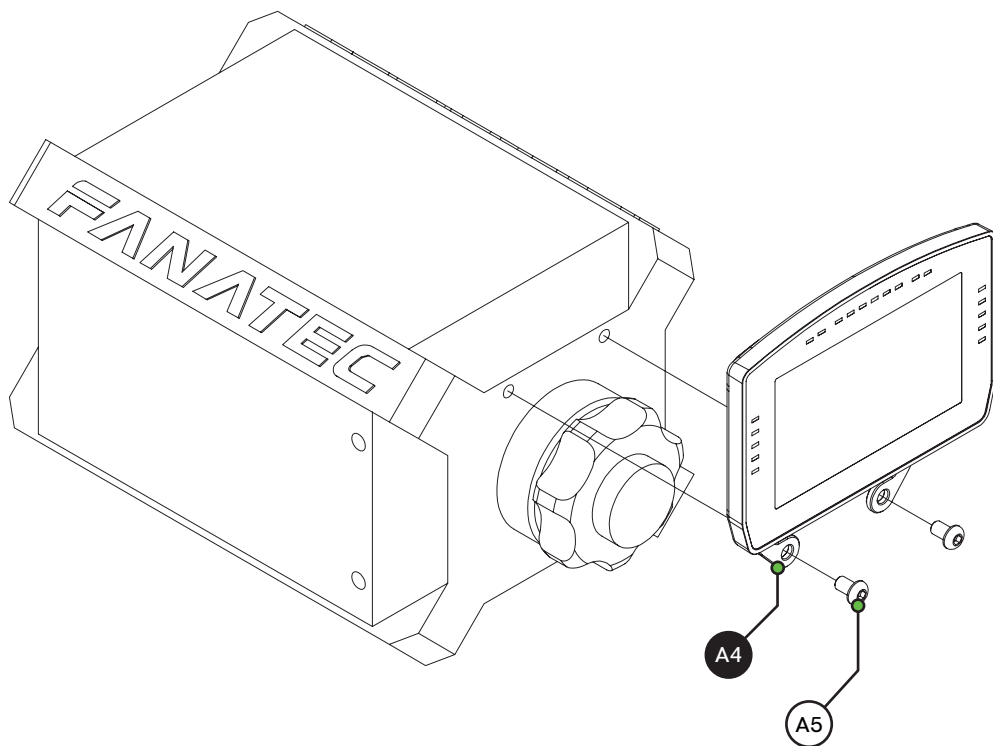


As for mounting directly onto your motor or older style front mount, this is very straightforward. Remove the existing upper bolts which hold the motor in place. Re-use these bolts and washers to fix the mounting bracket to the front mount.



## Fanatec DD1/DD2

Locate the accessory mounting holes on your Fanatec hardware and use the two bolts (A5) from our supplied hardware kit.



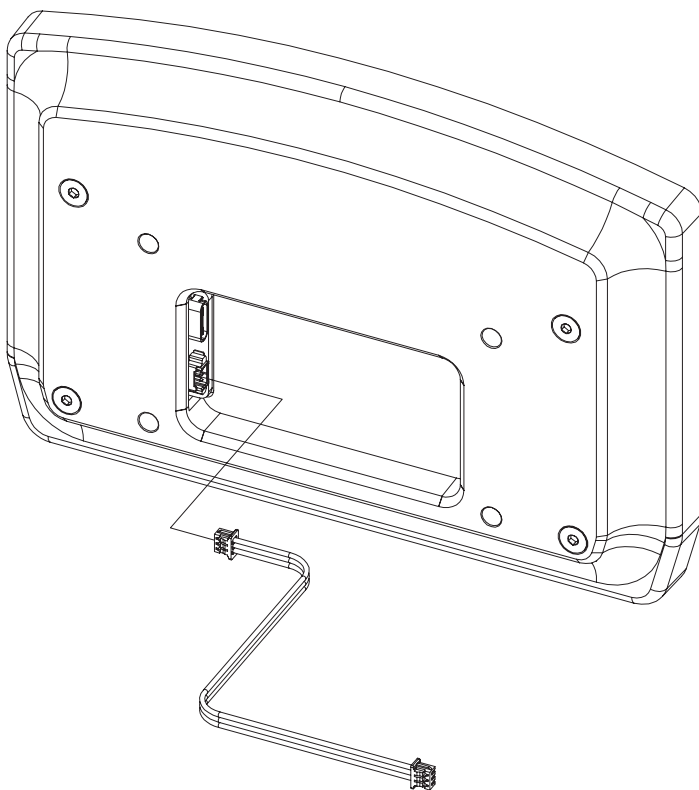
## Connecting GRID Brows V2

From 2025, the DDU5 also adds the ability to connect the GRID Brows V2. Using the built-in connector and using the supplied cable, connect straight to from your brows to the DDU5. The advantage? The DDU will take over as control box for the brows. This mean you save on one USB cable going to your PC.

You can connect up to four brows to the DDU5, just as you can using them on their own.

Here is where you plug in the cable. The other end of the cable will connect straight to the 'IN' connection on the first brow in the chain. Again, the Brows V2 control box, is not to be used, when they are connected through the DDU5.

For more information on the GRID Brows V2, please refer to its own product manual.



# Installing drivers

## Display drivers

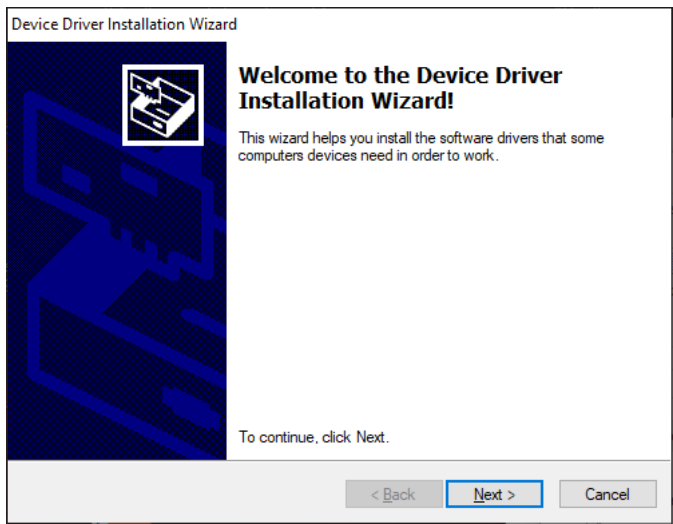
To enable the display of the DDU5, a specific driver is needed. This can be downloaded through the URL and/or QR code. When updating to the latest RaceDirector (see page 9), the LCD driver is part of the installation process.

[Sim-Lab LCD driver download:](#)



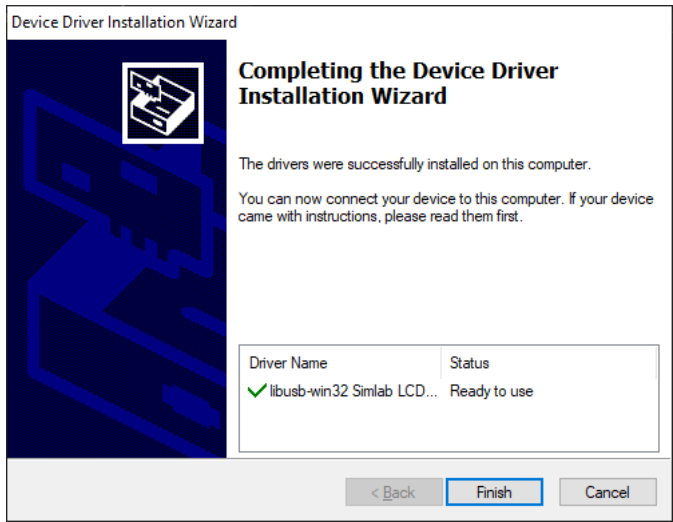
## Installation

To install the display driver, unzip the downloaded folder and run 'SimLab\_LCD\_driver\_installer':



Press 'Next >'.

The drivers will install now.



Press 'Finish'.

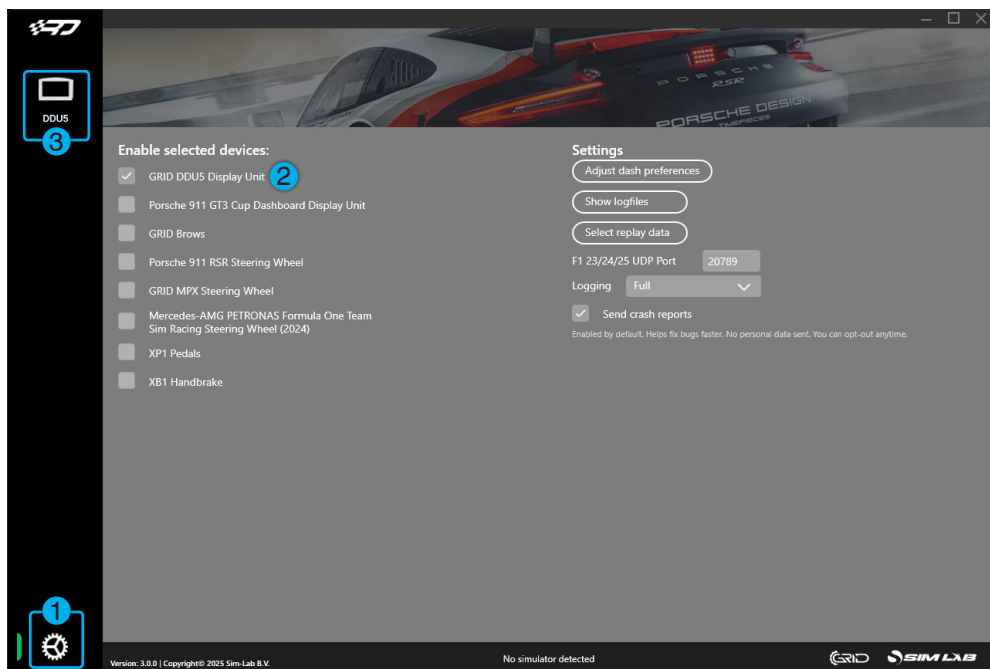
# RaceDirector

Download and install the latest version of RaceDirector from [www.sim-lab.eu/srd-setup](http://www.sim-lab.eu/srd-setup)

For explanation on how to install and use RaceDirector, please read the manual. This can be found here: [www.sim-lab.eu/srd-manual](http://www.sim-lab.eu/srd-manual)

We will now go over the very basics to get going using RaceDirector to get you on track asap. We really urge you to go through the manual for a more in depth explanation of the possibilities RaceDirector has to offer.

First we need to activate the product, this is done on the 'Settings' (1) page.



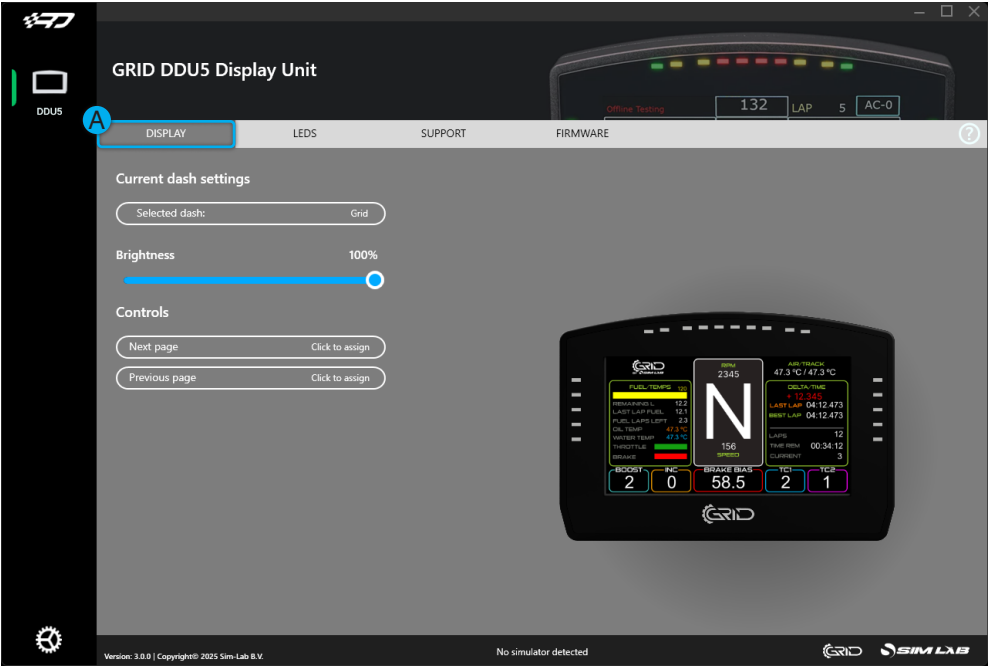
Tick the 'Activate' tickbox next to 'GRID DDU5 Display Unit' (2) and its icon (3) should appear on the left side of the screen. Selecting the icon (3) will take us to its device pages.

# Device pages

These pages allow you to control, configure and update your device. To keep this manual concise, we only go over the basics or unique functions.

## CONTROLLER (A)

This device is just as simple to configure as any other device or dash in RaceDirector.



For the other device pages and a more detailed explanation of this page, please see the RaceDirector manual as referred to on Page 9 of this manual.

## LEDS (B)

All of these options are identical to the LEDs device page for other devices, although there is one additional option which is unique for the DDU5 V2.



As mentioned, this only works for the DDU5 V2, if you have a V1 version of the DDU5, this option will stay hidden.

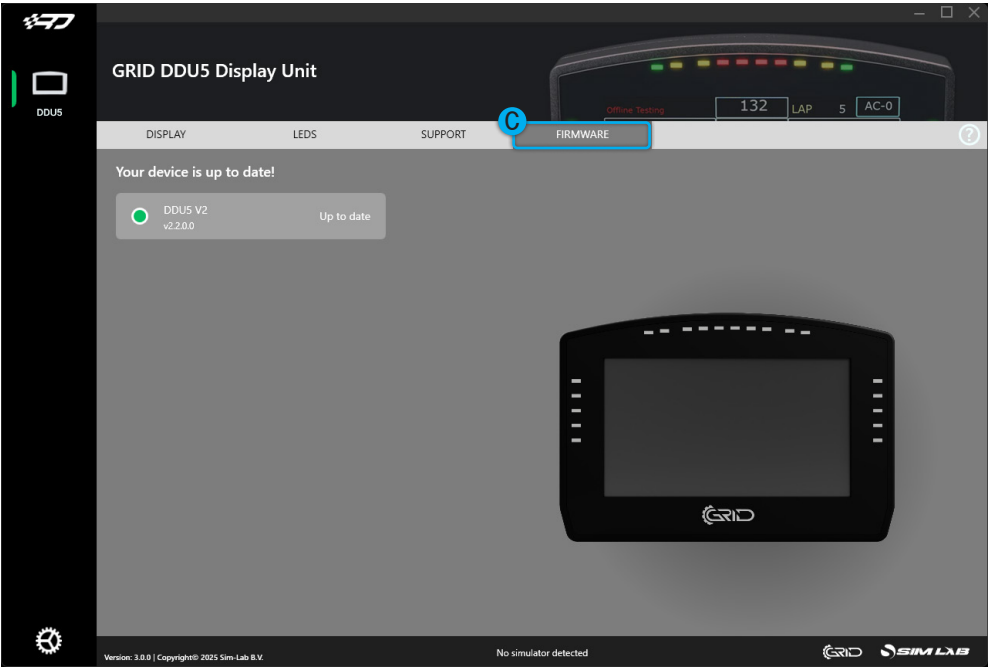
To use the Brows V2 while connected to the DDU5 V2, this drop down allows you to select how many you have connected. The Brows V2 can be daisy chained together, allowing up to 4 brows to be connected in total.

Please note, you do NOT have activate the Brows seperately in the settings menu when connecting them to the DDU5 V2.

For more information on connectivity, please refer to Page 9 of this manual.

## FIRMWARE (C)

On this page you can see the current firmware loaded on the device. If your firmware is out of date, we recommend to update it.



RaceDirector keeps tabs on current firmware versions. When it detects a difference, a notification ● will let you know more recent firmware has been detected.

When an updated firmware version has been detected, please follow the instructions and click the ‘Perform update’ (1) button.

RaceDirector will show the progress and will take care of the updating for you. If you see a windows explorer or USB device popping up, don't worry, it is part of the process.

An update for your device is available!

●

Controller  
v1.14.0.0

Update available  
v1.15.0.0

**How to update?**

Press the button below to automatically install any required updates to your device.

Please ensure your device remains connected during the update procedure.

Contact support if you have any problems updating your device via RaceDirector..

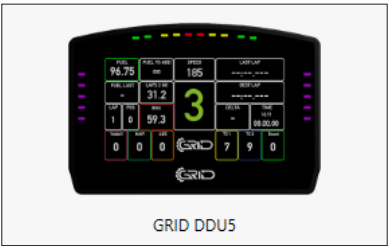
Perform update

1

Older devices might still require the former firmware update tool. In that case, RaceDirector will tell you what to do.

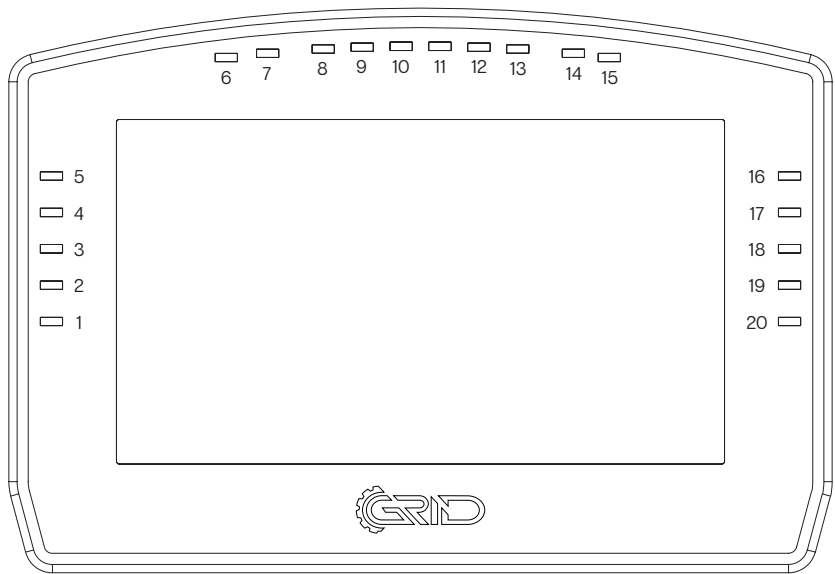
# Simhub Support

For advanced users, we do still support people who prefer using Simhub. When adding a device, choose the 'GRID DDU5'.



## Changing the LEDs' functions.

To change the LED effects you need to know their numbering to identify them on the device. The following schematic shows the LED numbering for reference.



There should be enough info in the provided default LED profiles to be able to adjust LED settings to your liking. To start building your own profile, we suggest to copy an existing one and change where needed. The advantage is you always have a backup of the default profile to fall back to.

Note: for issues/troubleshooting your Simhub profiles, please refer to Simhub documentation or Simhub support.

# Bill of materials

| IN THE BOX                                                                                                                                               |                         |     |                                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|-----|----------------------------------|
| #                                                                                                                                                        | Part                    | QTY | Note                             |
| A1                                                                                                                                                       | Dash DDU5               | 1   |                                  |
| A2                                                                                                                                                       | USB-C cable             | 1   |                                  |
| A3                                                                                                                                                       | Bracket Sim-Lab/SC1/VRS | 1   |                                  |
| A4                                                                                                                                                       | Bracket Fanatec         | 1   |                                  |
| A5                                                                                                                                                       | Bolt M6 X 12 DIN 912    | 2   | Used with Fanatec.               |
| A6                                                                                                                                                       | Bolt M5 X 10 DIN 7380   | 6   | To fit mounting bracket to dash. |
| A7                                                                                                                                                       | Washer M6 DIN 125-A     | 4   |                                  |
| A8                                                                                                                                                       | Washer M5 DIN 125-A     | 4   |                                  |
| Disclaimer: for some entries on this list, we supply more than required as spare materials. Don't worry if you have some leftovers, this is intentional. |                         |     |                                  |

## More information

If you still have some questions regarding assembly of this product or about the manual itself, please refer to our support department. They can be reached at:

support@sim-lab.eu

Alternatively, we have a Discord server where you can hang out or ask for help.

[www.sim-lab.eu/discord](http://www.sim-lab.eu/discord)

[Product page on the  
Sim-Lab website:](#)

