

HYDRO SETUP GUIDE

Step-by-step setup in Simracelab Control and SimHub.



CONTROL • SIMHUB • DIRECT BUTTON ASSIGNMENT

IMPORTANT

Control and SimHub must not access Hydro at the same time.

PREPARATION

PREPARE HARDWARE AND SOFTWARE

A clean connection and correctly routed tubing prevent the most common issues.

CHECKLIST

- 1 Secure Hydro and install the reservoir, tube and mouthpiece according to the product instructions.
- 2 Route the tube and mouthpiece safely. Avoid kinks and contact with moving parts.
- 3 Connect Hydro directly to the PC by USB. Avoid an unpowered USB hub where possible.
- 4 Use the current Control application for Control; for SimHub, run the supplied Hydro installation package first.

CONTROL NEEDS NO EXTRA PLUGIN

Hydro support is built into Control. The device is detected automatically after USB connection. The separate installation package is required only for SimHub.

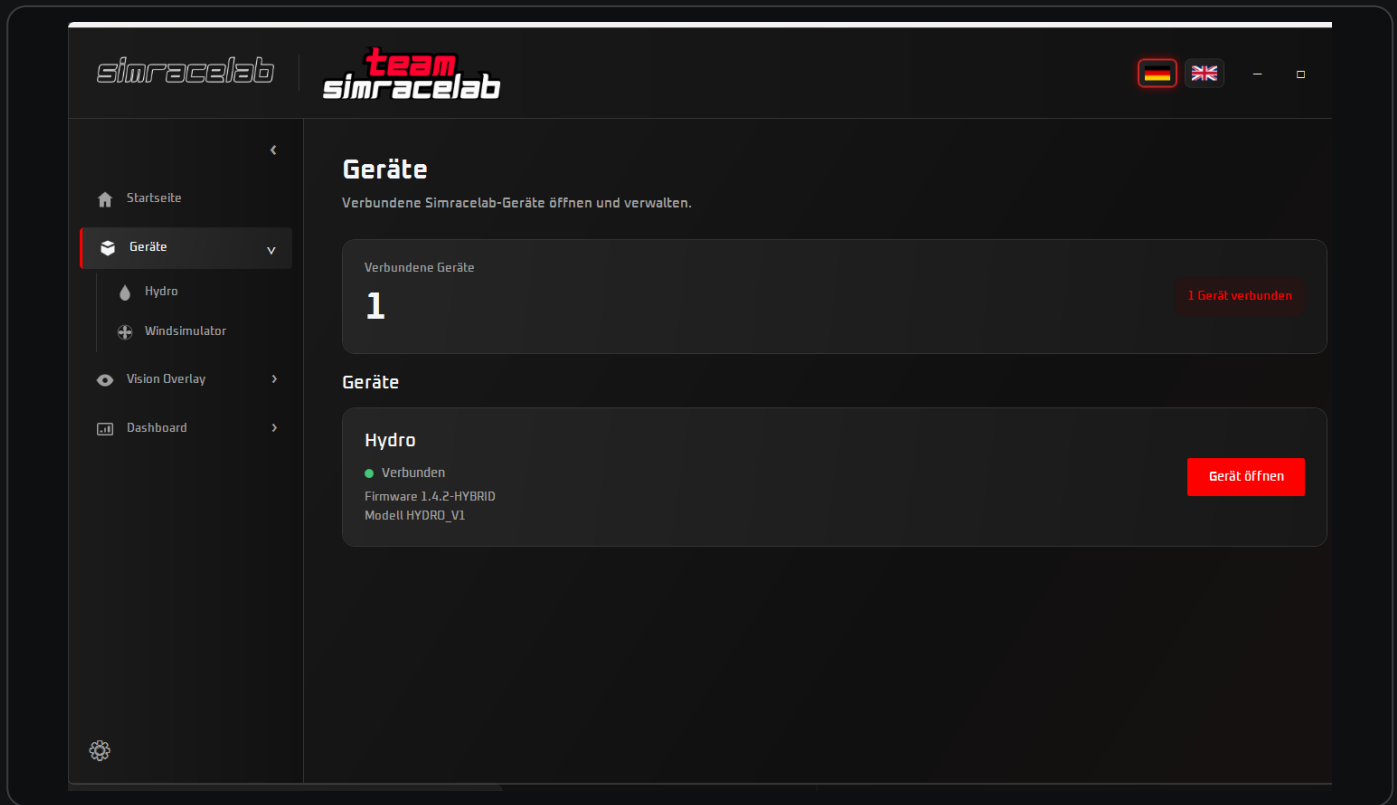
USE ONLY ONE APPLICATION

Control and SimHub must not access Hydro at the same time. Before switching, fully close the other application, including its system-tray process.

CONTROL 01

DETECT HYDRO IN CONTROL

Control automatically lists the connected device under Devices.



1

Start Control and open Devices in the left sidebar.

2

Hydro must show Connected. The device card also displays model, firmware and serial number.

3

Select Open device. Device status, COM port and device information must appear on the Hydro page.

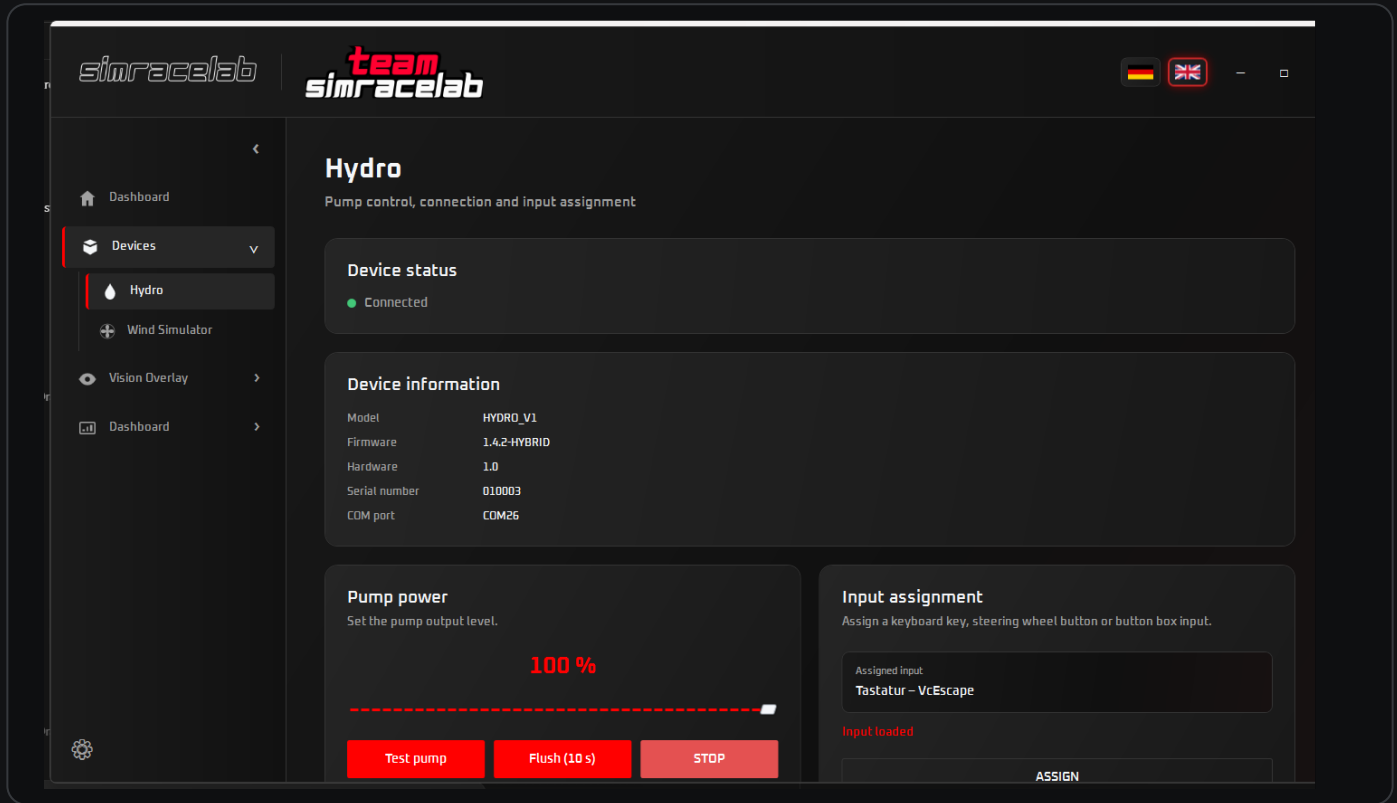
SUCCESSFULLY CONNECTED

Device status is green and shows Connected. If no device appears, close Control, reconnect USB and start Control again.

CONTROL 02

PUMP POWER AND SERVICE FUNCTIONS

The Hydro page controls output, test, flushing and emergency stop.



- 1 Set Pump power with the slider. Begin with a low output and increase it to a comfortable level.
- 2 Use Test pump for a short functional check.
- 3 Use Flush (10 s) for a pulsed cleaning cycle. STOP cancels any running operation immediately.
- 4 Hold the tube and mouthpiece securely during testing. Do not leave the pump running unattended.

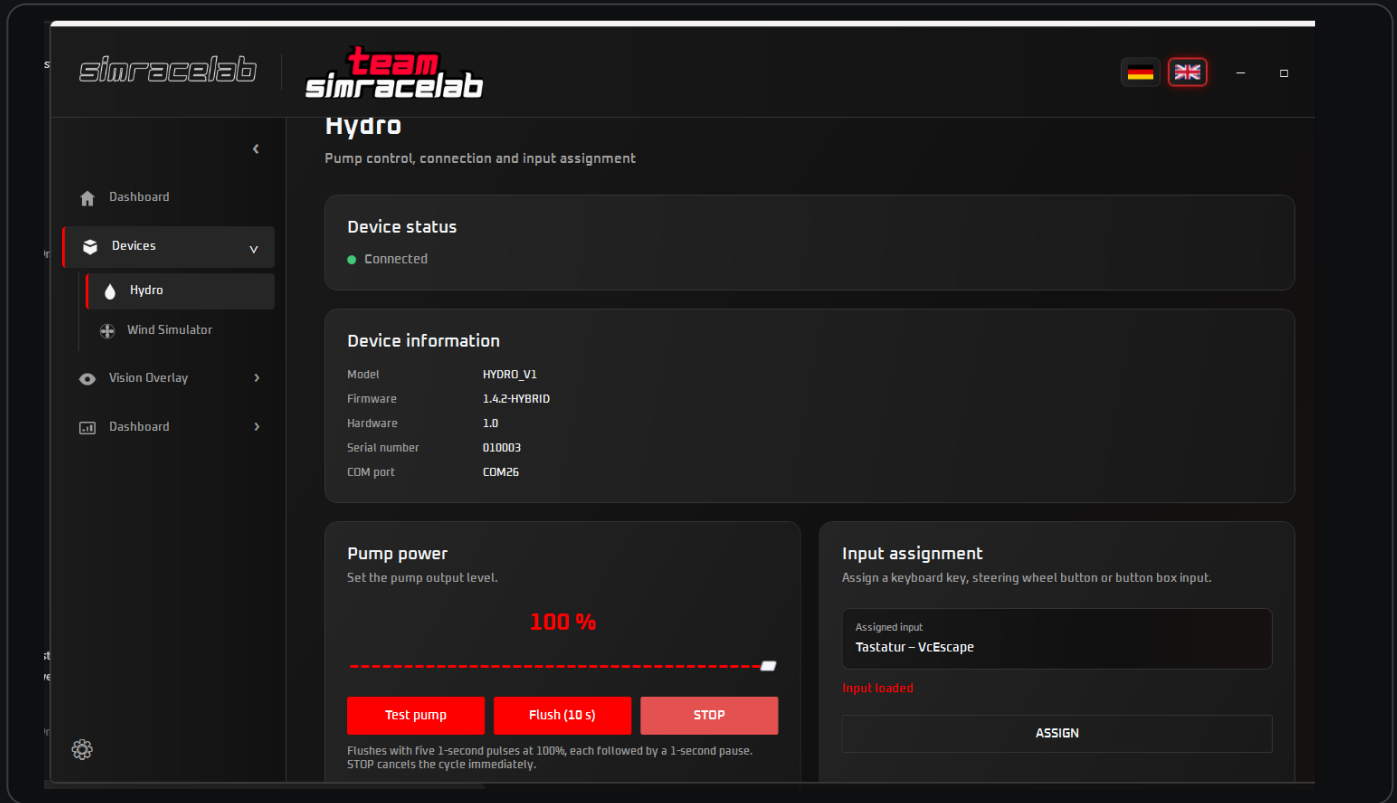
FLUSH CYCLE

Flushing consists of five pulses: 1 second at 100%, followed by a 1-second pause. STOP cancels the cycle immediately.

CONTROL 03

ASSIGN A KEY OR WHEEL BUTTON

Control can detect keyboard, steering-wheel and button-box inputs directly.



- 1 Select Assign in the Input assignment section.
- 2 Press the desired keyboard key, steering-wheel button or button-box control once.
- 3 The detected input is then displayed as the assigned input.
- 4 Test the binding while stationary. Hold the assigned input to run the pump; releasing it stops the pump.

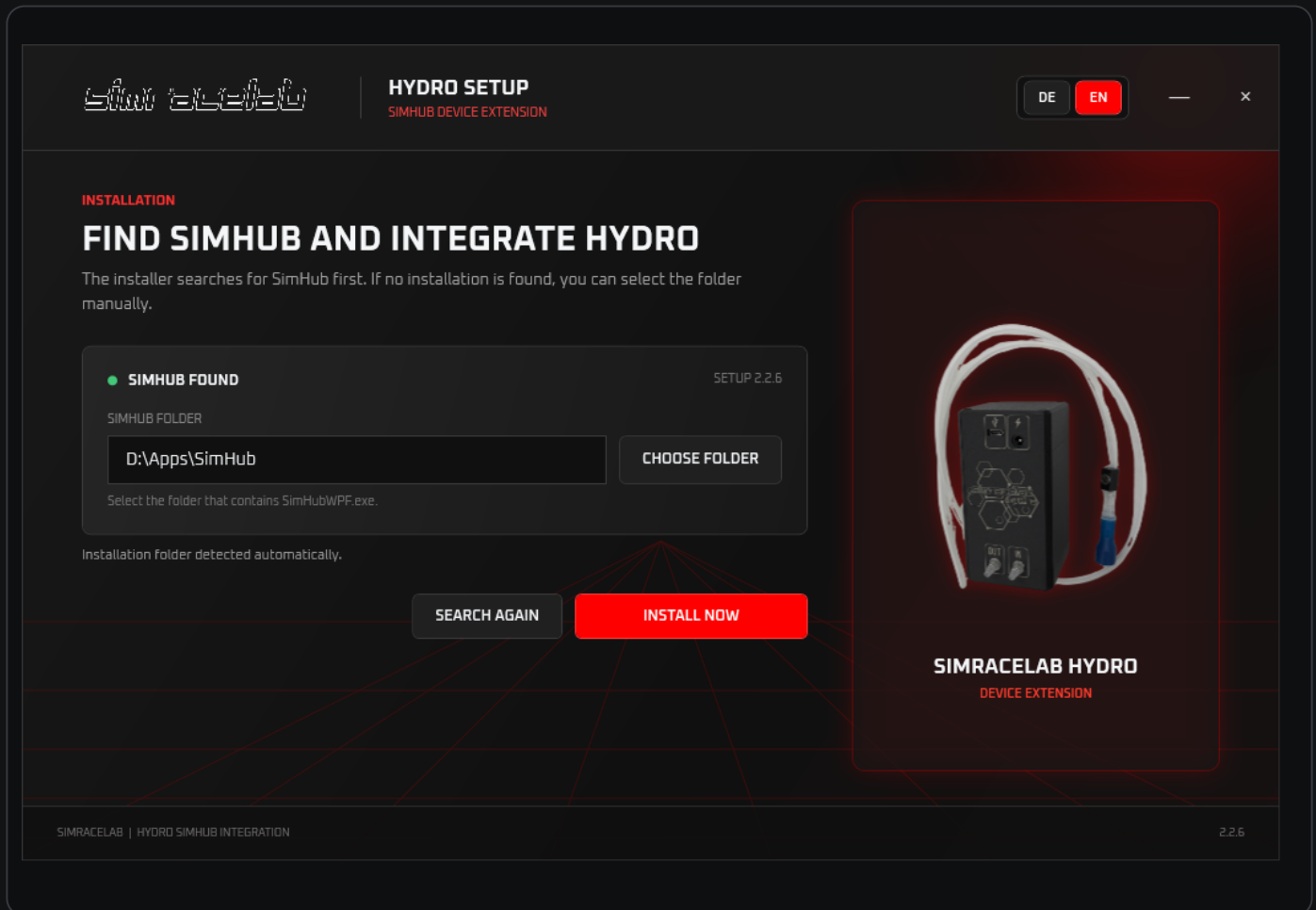
CHOOSING AN INPUT

Use an easy-to-reach button that is not already assigned to a critical in-game function. The STOP control remains available at all times.

SIMHUB 01

INSTALL THE SIMHUB EXTENSION

The graphical installer finds SimHub automatically and supports manual folder selection if needed.



1 Fully close SimHub, then start the Hydro installer.

2 Select the SimHub folder.

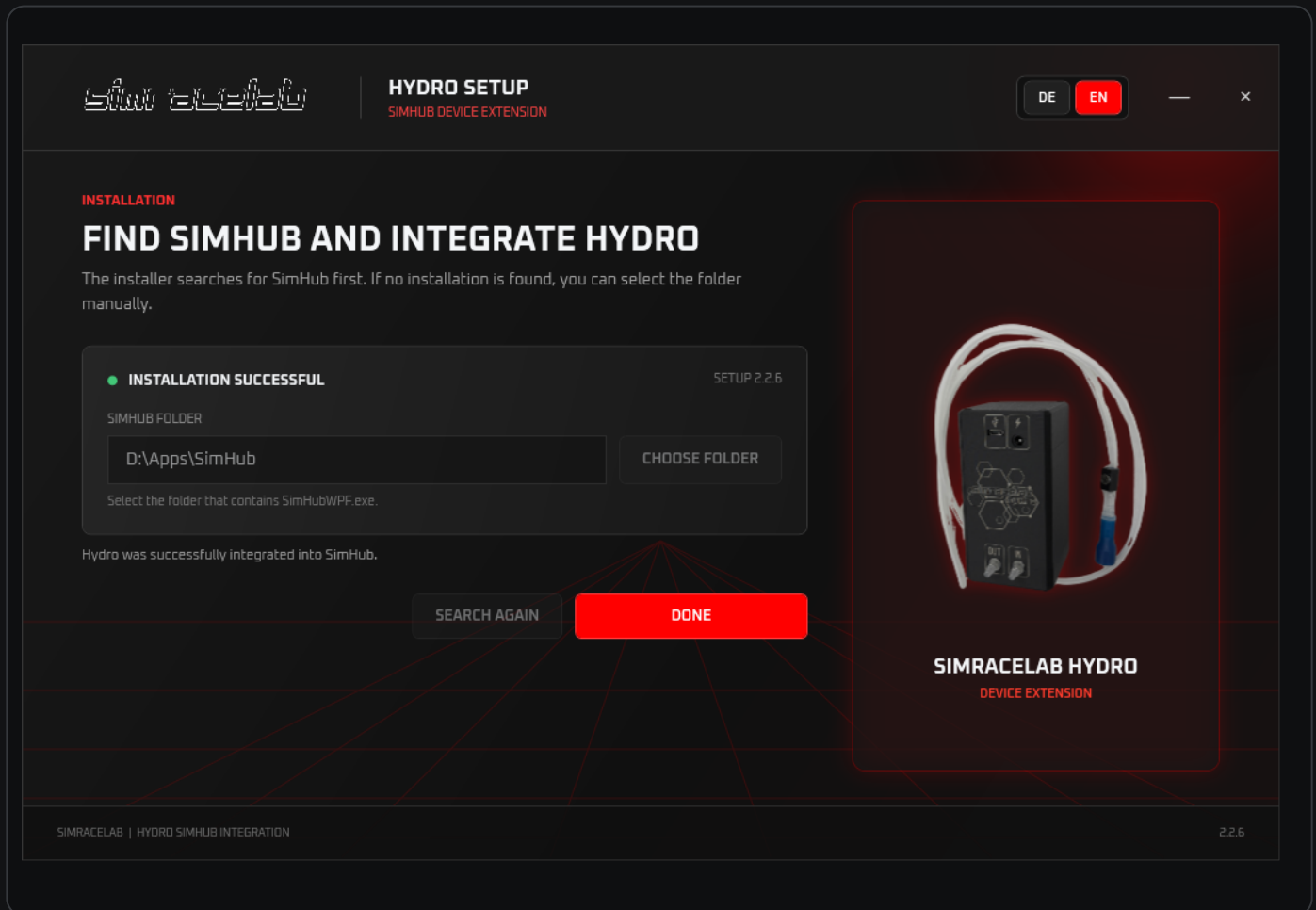
SIMHUB MUST BE CLOSED

The files can be installed reliably only while SimHub is not running. Fully restart SimHub after installation.

SIMHUB 02

COMPLETE THE INSTALLATION

After the success message, the Done button closes the installer.



1 Start installation and wait until Installation successful is displayed.

2 Select Done to close the installer, then restart SimHub.

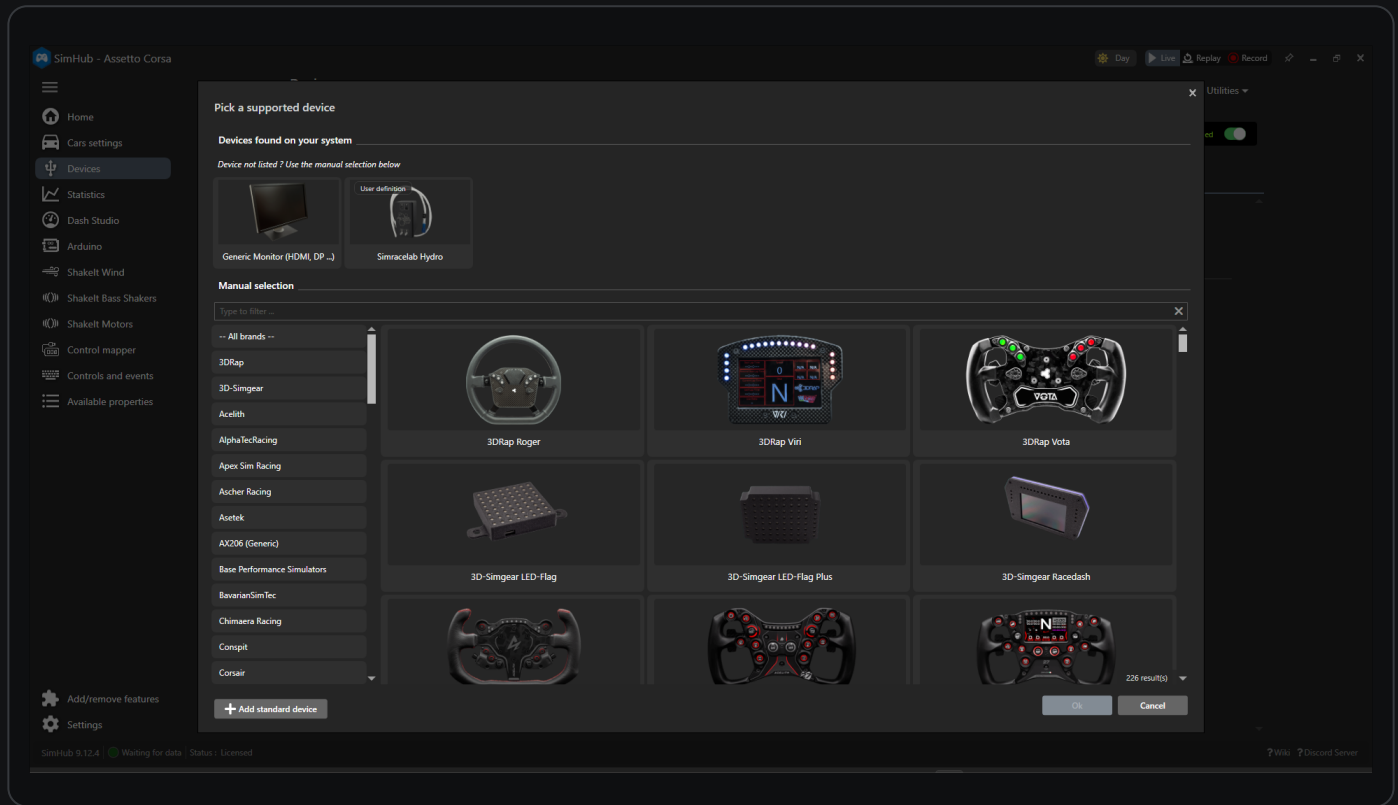
INSTALLATION SUCCESSFUL

Restart SimHub. Hydro can then be added under Devices.

SIMHUB 03

ADD HYDRO AS A DEVICE

Hydro is normally detected automatically and shown at the top of the device picker.

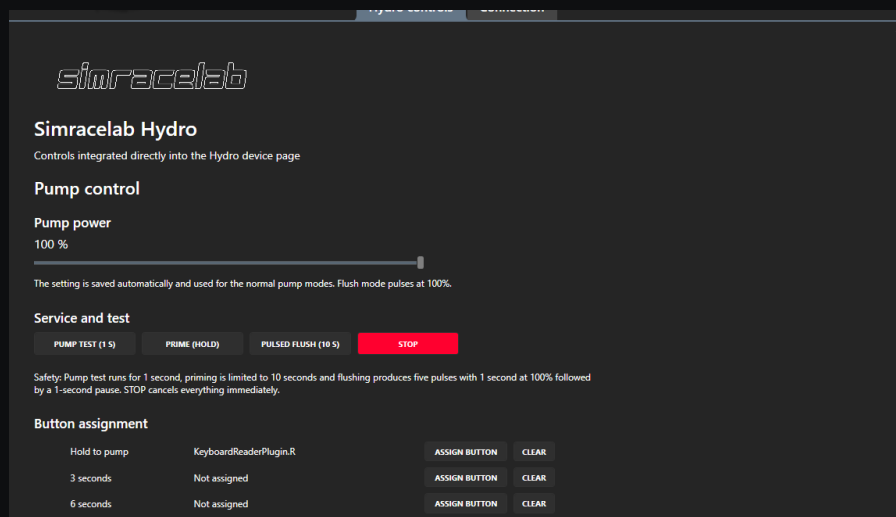
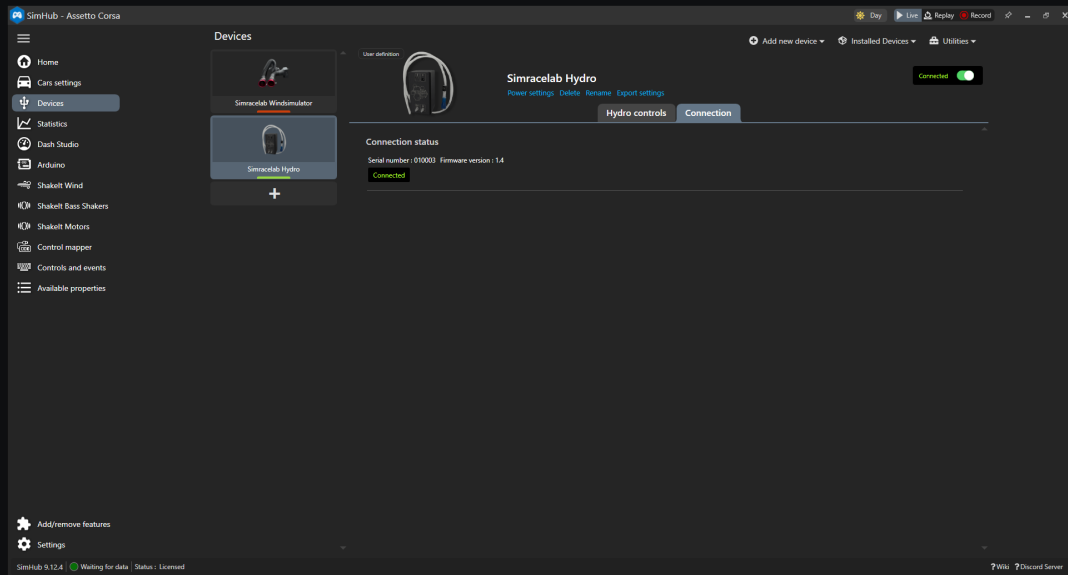


- 1 Open Devices in SimHub and select Add new device > Add new device.
- 2 Under Devices found on your system, select the Simracelab Hydro tile.
- 3 Confirm the selection. Hydro then appears in the installed-device list on the left.
- 4 If Hydro is not detected, check USB, close Control and restart SimHub.

SIMHUB 04

CONNECTION AND HYDRO CONTROLS

All settings are integrated directly into the Hydro device page.

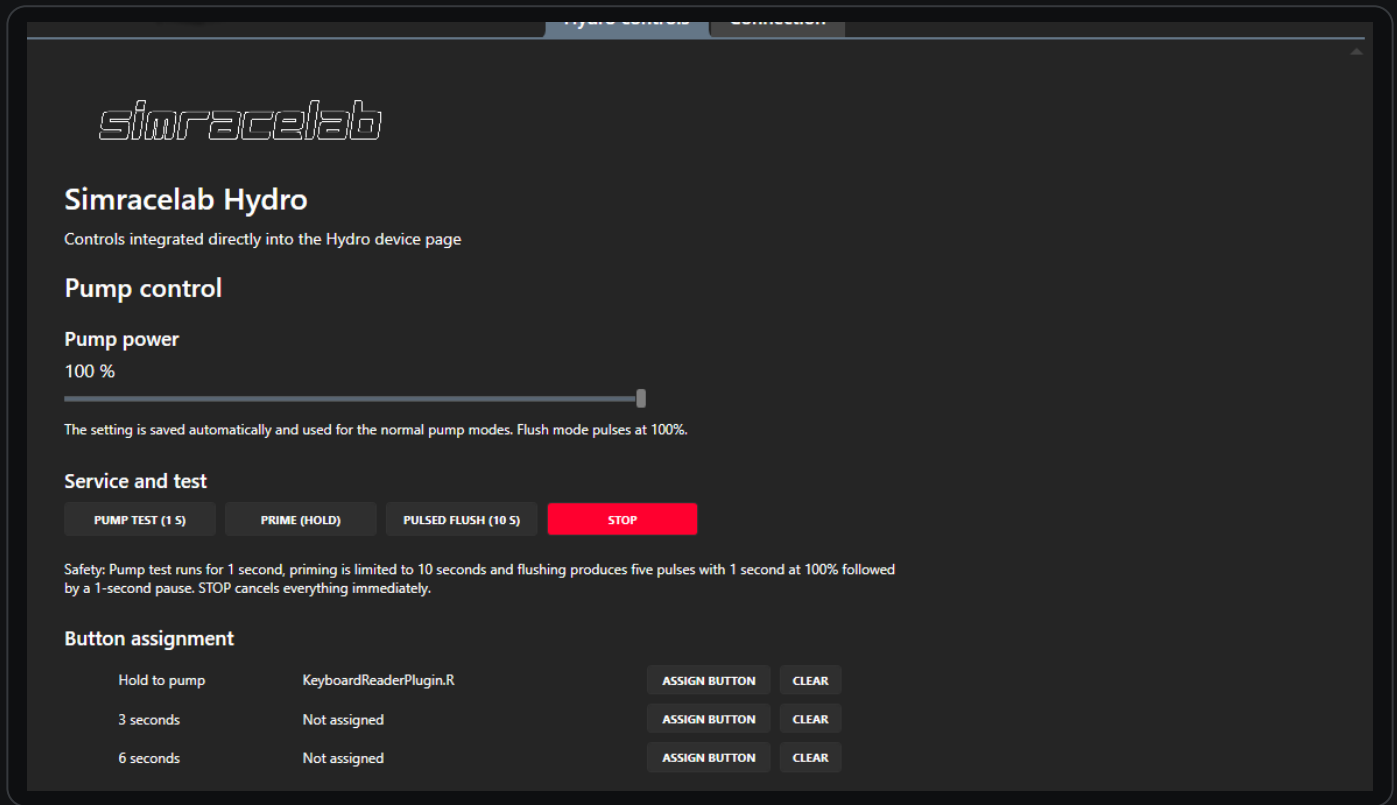


- 1 Confirm that Connected is green in the top-right corner. Verify serial number and firmware on the Connection tab.
- 2 Open Hydro controls and set the required pump power.
- 3 Service controls include Pump test (1 s), Prime (hold), Pulsed flush (10 s) and Stop.
- 4 Under Button assignment, assign separate inputs for Hold to pump, 3 seconds and 6 seconds, or remove them with Clear.

SIMHUB 05

CONFIGURE PUMP MODES AND BUTTONS

Assign all three pump modes directly on the device page.

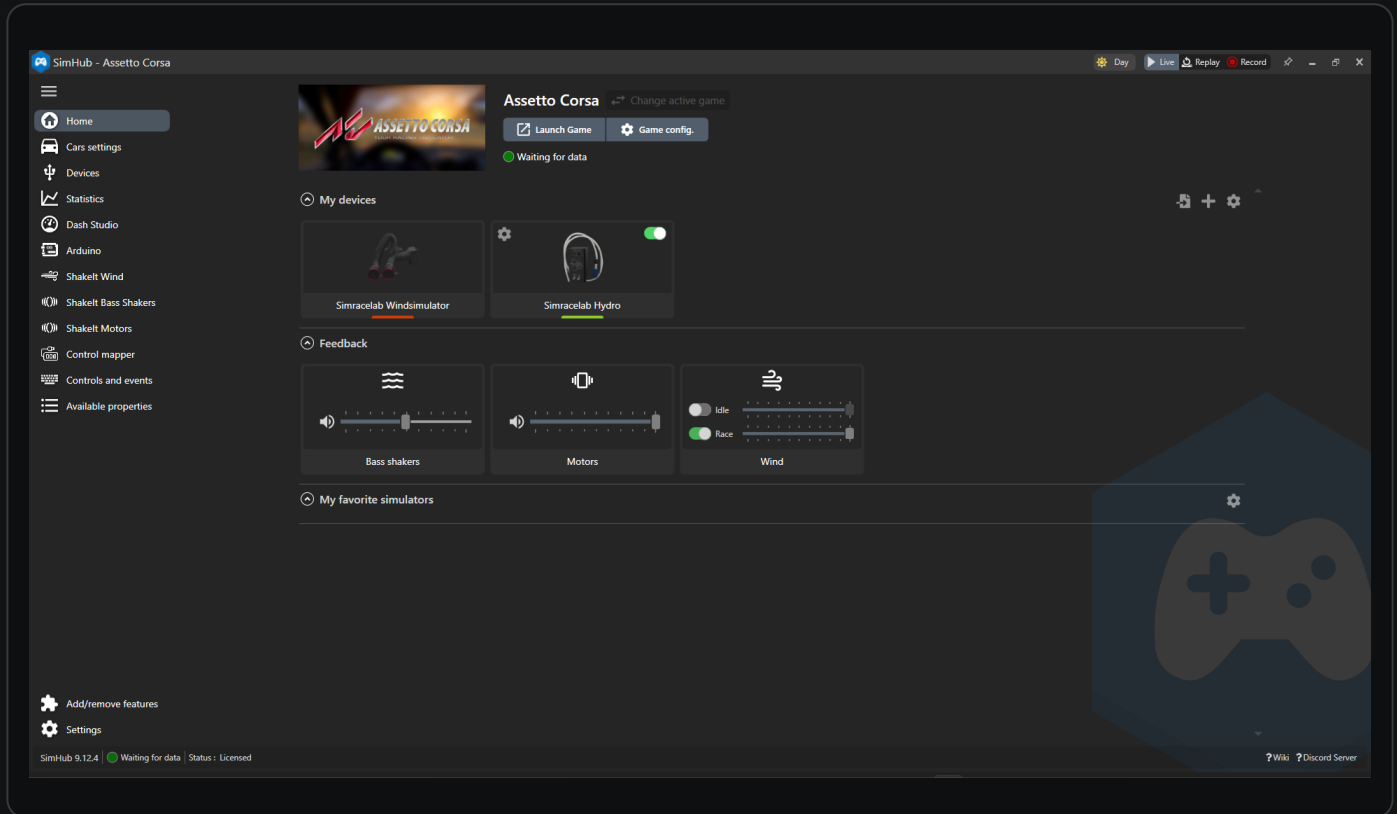


- 1 Open Hydro controls and set the required pump power.
- 2 Service controls include Pump test (1 s), Prime (hold), Pulsed flush (10 s) and Stop.
- 3 Under Button assignment, assign separate inputs for Hold to pump, 3 seconds and 6 seconds, or remove them with Clear.

SIMHUB 06

HOME QUICK SETTINGS AND DIRECT ASSIGNMENT

The gear icon on Home opens the same fully functional Hydro controls.



- 1 On Home, hover over the Hydro tile and select its gear icon. The complete Hydro control panel opens in a quick-settings window.
- 2 Under Button assignment, select Assign button next to Hold, 3 seconds or 6 seconds, then press the required input.
- 3 Use Clear to remove a binding. These settings are identical to the Hydro device page under Devices.

DIRECT ASSIGNMENT

Assign buttons on the Hydro device page or in the gear window. No additional section is required.

TROUBLESHOOTING

IF HYDRO DOES NOT RESPOND

These checks resolve or identify the most common causes quickly.

HYDRO IS NOT DETECTED

Close Control and SimHub, disconnect USB briefly, reconnect it and start only the application you want to use.

THE INSTALLER CANNOT FIND SIMHUB

Use Select folder and choose the SimHub installation directory. It must contain SimHubWPF.exe.

CONNECTED, BUT THE PUMP DOES NOT RUN

Set pump power above 0%, inspect tube routing and use Pump test first. Hold Prime if the tube needs filling.

THE HOME GEAR DOES NOT RESPOND

Verify that the current Hydro extension is installed. Fully close SimHub, run the installer again and restart SimHub.

THE ASSIGNED BUTTON DOES NOT WORK

Clear and reassign the input. Avoid duplicate mappings and choose the required mode: Hold, 3 seconds or 6 seconds.

THE PUMP MUST STOP IMMEDIATELY

Select STOP in Hydro controls or map Pump - Emergency stop to an easy-to-reach button.

FINAL CHECK

Connected is green · pump power set · tube routed safely · assigned input tested · only Control or SimHub is open.