

WIND SIMULATOR SETUP GUIDE

Illustrated step-by-step setup for Simracelab Control and SimHub.



CONTROL | SIMHUB

English · real screenshots · static and speed-based wind

IMPORTANT

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

PREPARATION

CHECK HARDWARE AND SOFTWARE

This quick check prevents the most common connection and COM-port problems.

CHECKLIST

- 1 Mount the wind simulator securely and make sure both fans have an unobstructed airflow path.
- 2 Connect the power supply and USB cable. Prefer a direct USB port on the PC.
- 3 Start only the application you want to use: Control or SimHub.
- 4 Start the racing game only after the connection and manual fan test have succeeded.

SAFETY

Keep hands away from running fans. Route cables clear of pedals, steering hardware and seat mechanisms.

PRACTICAL TIP

If connection fails, close both programs, briefly disconnect USB, reconnect it and open only one application.

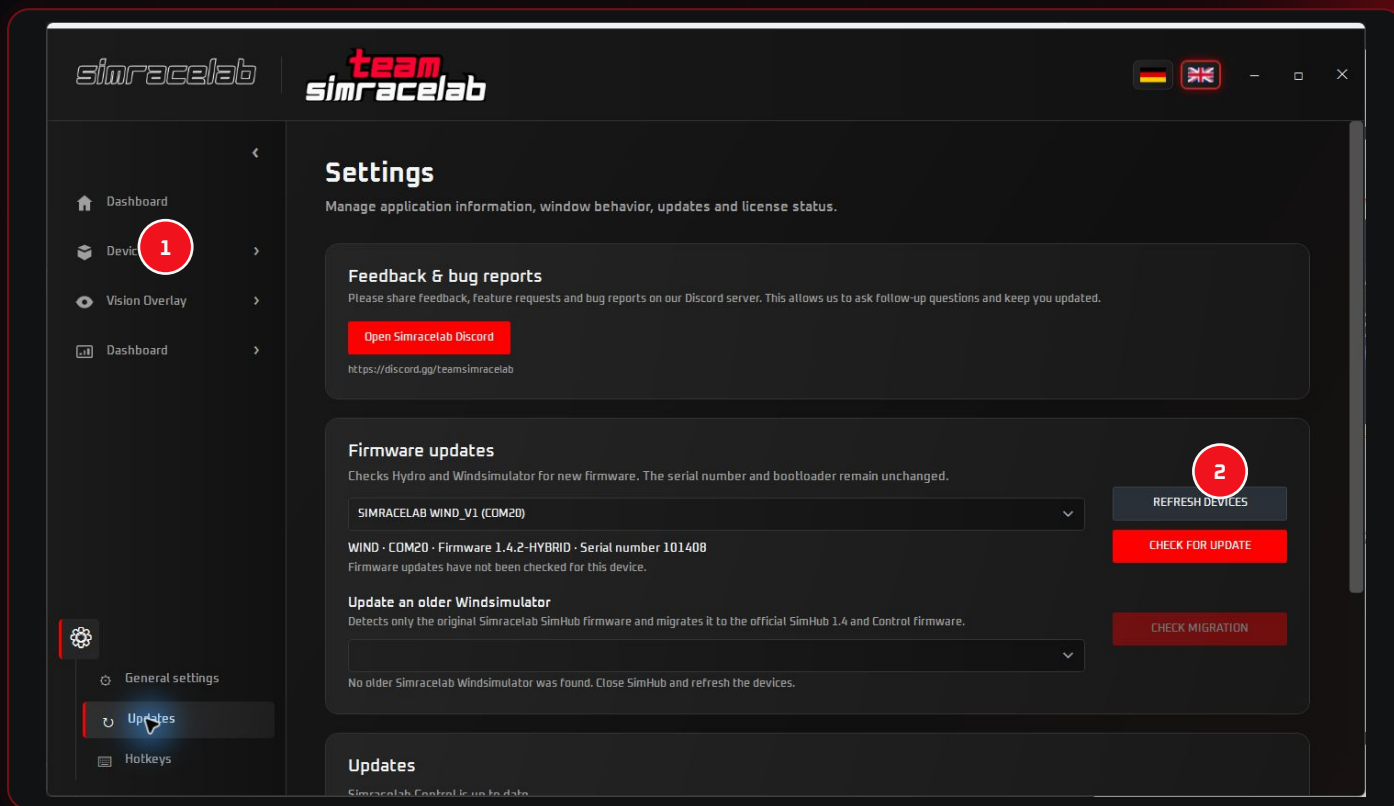
TWO OPERATING MODES

Static wind provides constant fan output. Speed-based wind follows vehicle telemetry.

CONTROL 01

DETECT THE DEVICE AND CHECK FIRMWARE

Control automatically detects the connected wind simulator.



- 1 Open Control and select Devices in the left sidebar.
- 2 The wind simulator must show Connected. Then choose Open device.
- 3 Under Settings > Updates, verify WIND_V1, the COM port, firmware and serial number.

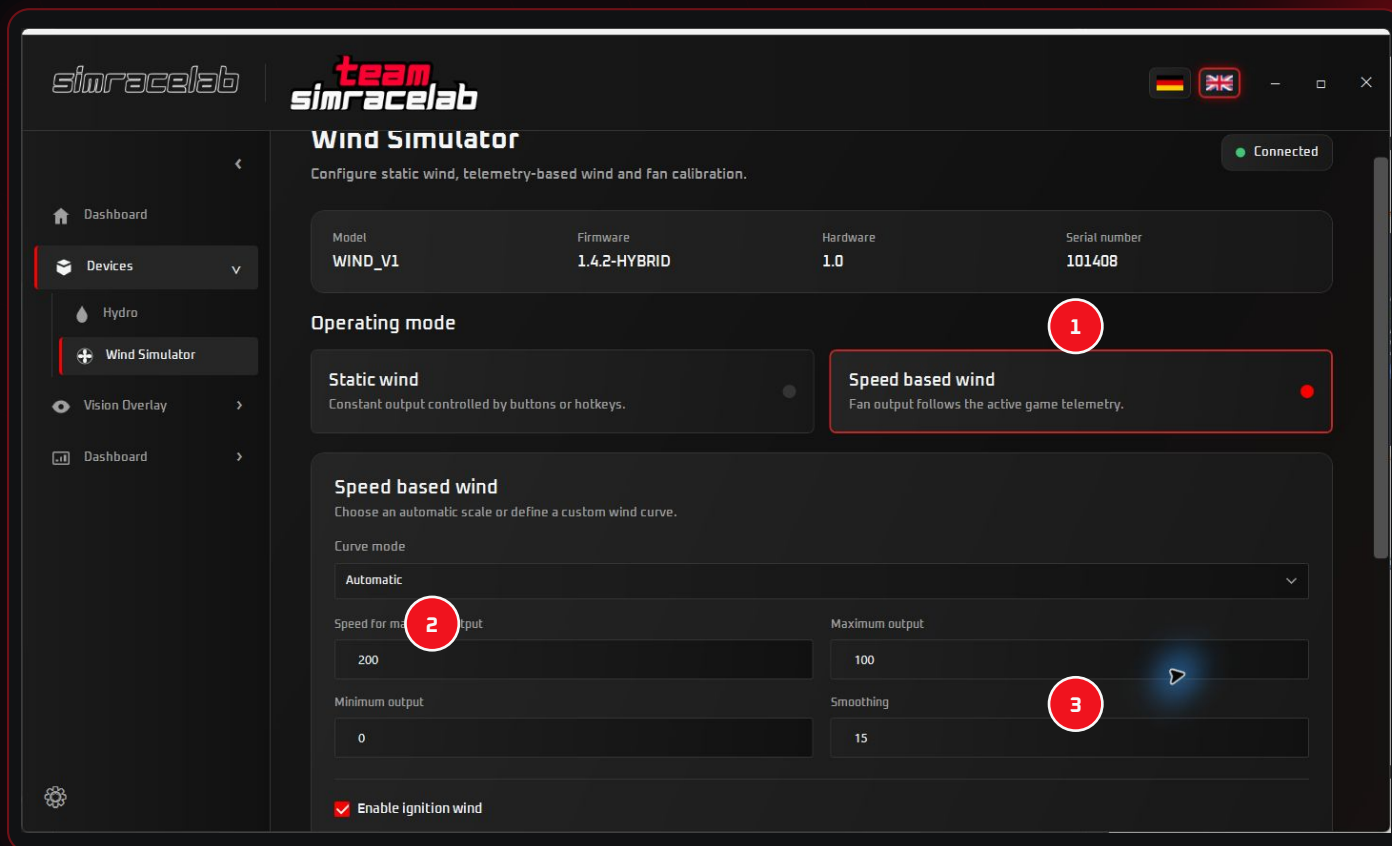
FIRMWARE UPDATE

Update only with stable USB and power connections. Do not close Control or disconnect the wind simulator during the update.

CONTROL 02

CONFIGURE SPEED-BASED WIND

Fan output follows telemetry from the active racing game.



- 1 Select Speed-based wind as the operating mode.
- 2 Set the curve mode to Automatic. Suggested start: 200 km/h maximum speed, 100% maximum output and 0% minimum output.
- 3 Smoothing reduces abrupt changes. The pictured value of 15 is a solid starting point.
- 4 Optionally enable Ignition wind for a low airflow level while the engine is running.

RECOMMENDED START

200 km/h · 100% maximum · 0% minimum · smoothing 15 · ignition wind 10%. Fine-tune for the car and personal preference.

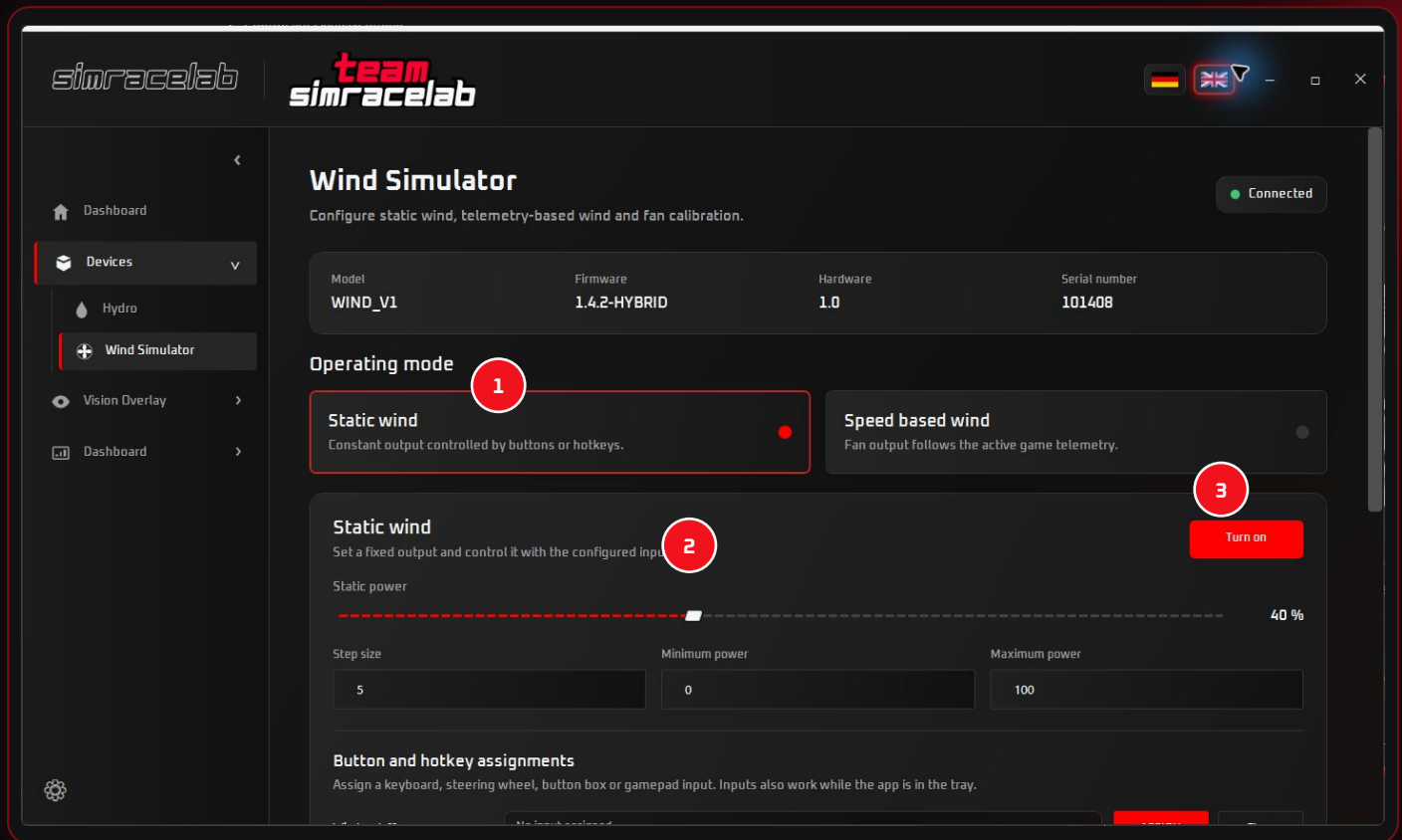
CURRENTLY IRACING ONLY

Speed-based wind in Control currently works only with iRacing. For other simulations, use SimHub or static wind.

CONTROL 03

CONFIGURE STATIC WIND

Constant fan output without game telemetry - ideal for a simple setup.



- 1 Select Static wind as the operating mode.
- 2 Set the desired fan output and begin with a low value.
- 3 Activate static wind with Turn on.
- 4 It does not need telemetry and can be used independently of the racing game.

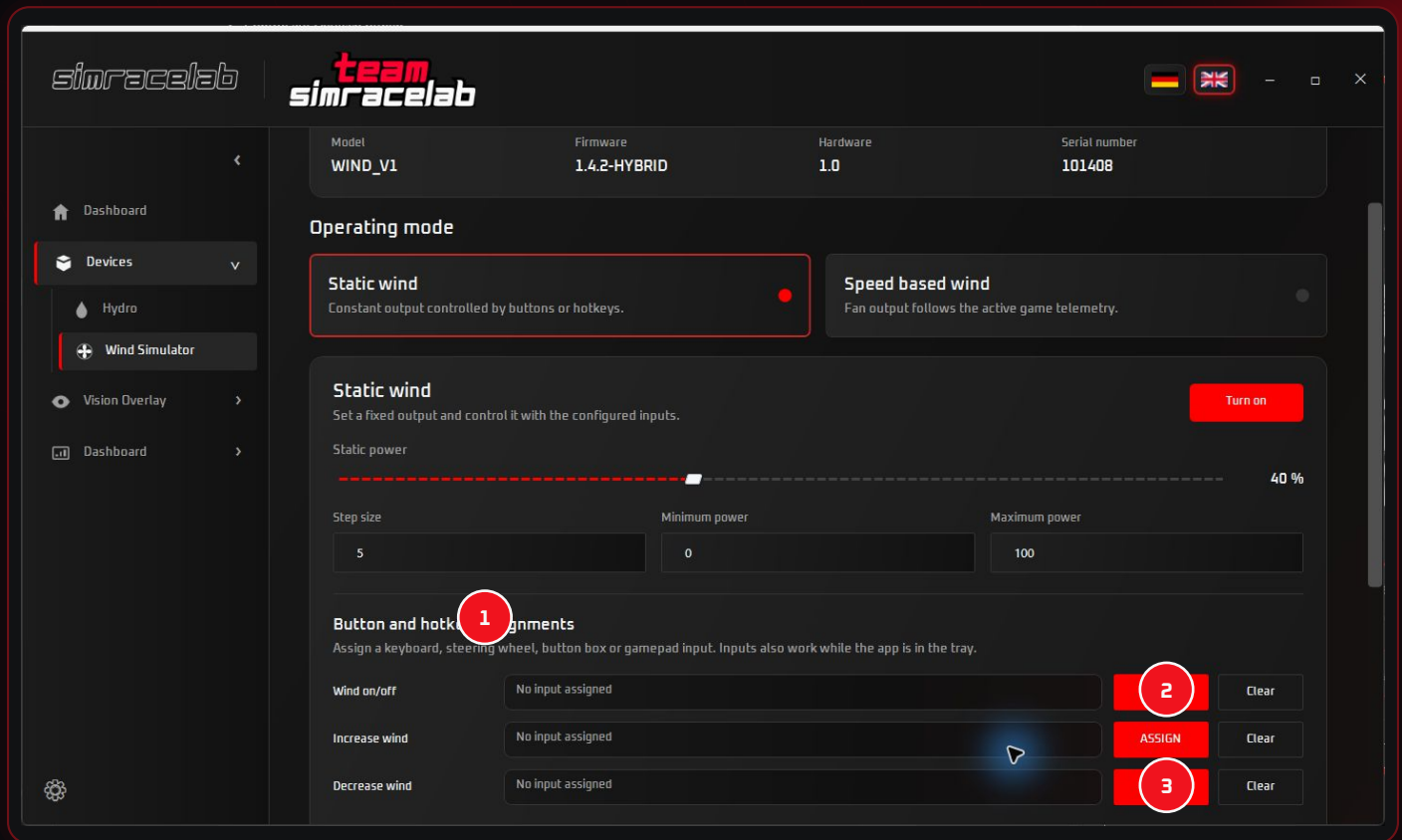
ENOUGH FOR MANY SETUPS

Static wind does not need telemetry, making it simple to use and compatible with every game.

CONTROL 04

ASSIGN WIND HOTKEYS

Switch wind on or off and adjust output while driving.



- 1 Open the Hotkey settings in the wind simulator section.
- 2 Assign a button for Wind on/off or static wind activation.
- 3 Optionally assign buttons for Increase output and Decrease output.
- 4 Test each assignment while stationary and avoid duplicate button mappings.

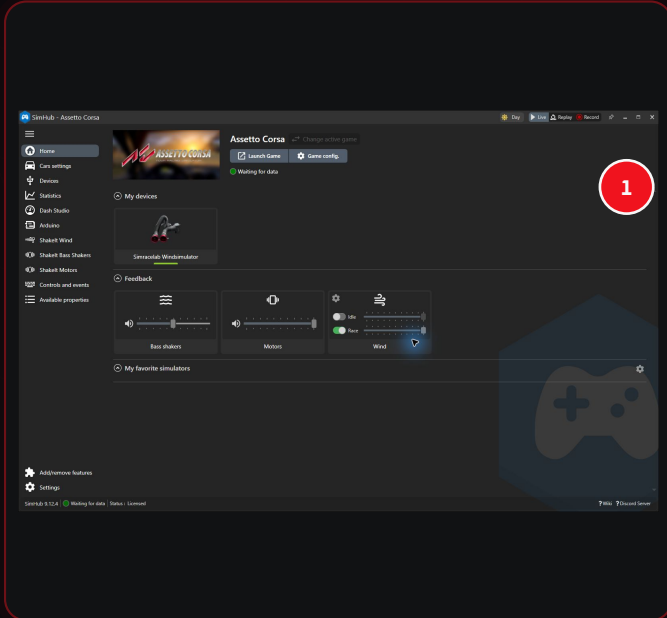
HOTKEY TIP

Use easy-to-reach steering-wheel buttons that are not already assigned to another in-game function.

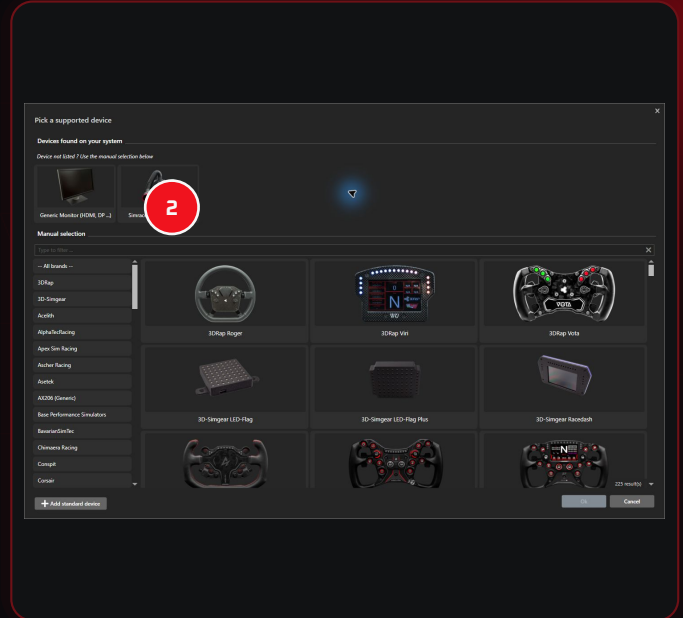
SIMHUB 01

ADD THE WIND SIMULATOR AS A DEVICE

Shakelt Wind does not need to be enabled separately.



1 · Add a new device under Devices



2 · Select supported device

- 1 Open Devices in the left sidebar and add a new device with the plus icon.
- 2 The Simracelab Windsimulator normally appears automatically under Devices found on your system.
- 3 Select the wind simulator in the list on the left and confirm the selection.
- 4 It then appears under My devices; use its gear icon for configuration.

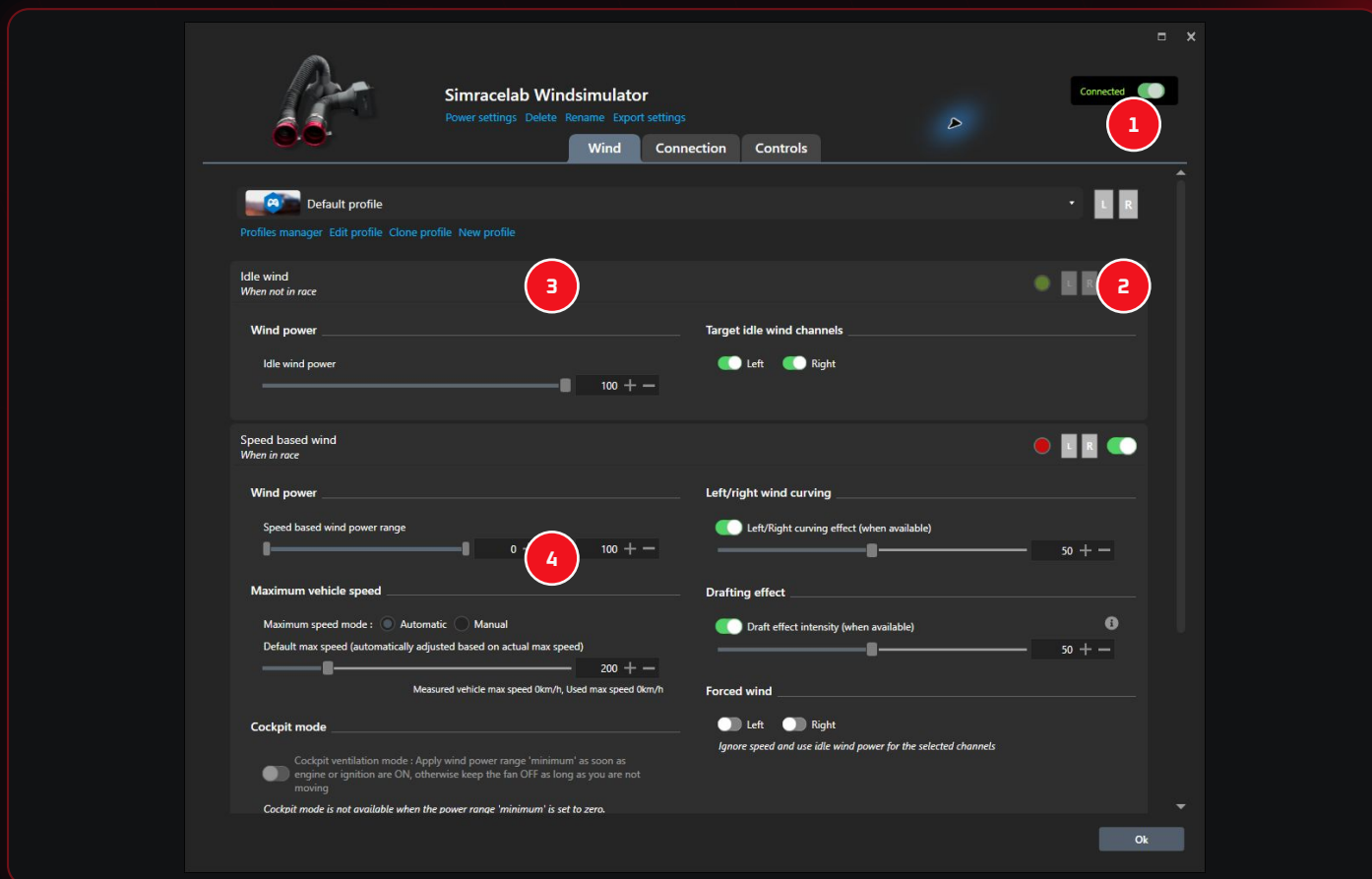
DEVICE DETECTION

Use manual device selection only if the automatically detected Simracelab device is not listed.

SIMHUB 02

CONFIGURE STATIC OR DYNAMIC WIND

The Wind tab provides Idle wind and Speed based wind as separate operating modes.



- 1 Confirm that Connected appears in the top-right corner.
- 2 For constant airflow, enable Idle wind, set its output and select the left and right target channels.
- 3 For dynamic airflow, enable Speed based wind and define the output range.
- 4 Optionally enable curving and drafting; determine maximum vehicle speed automatically or manually.

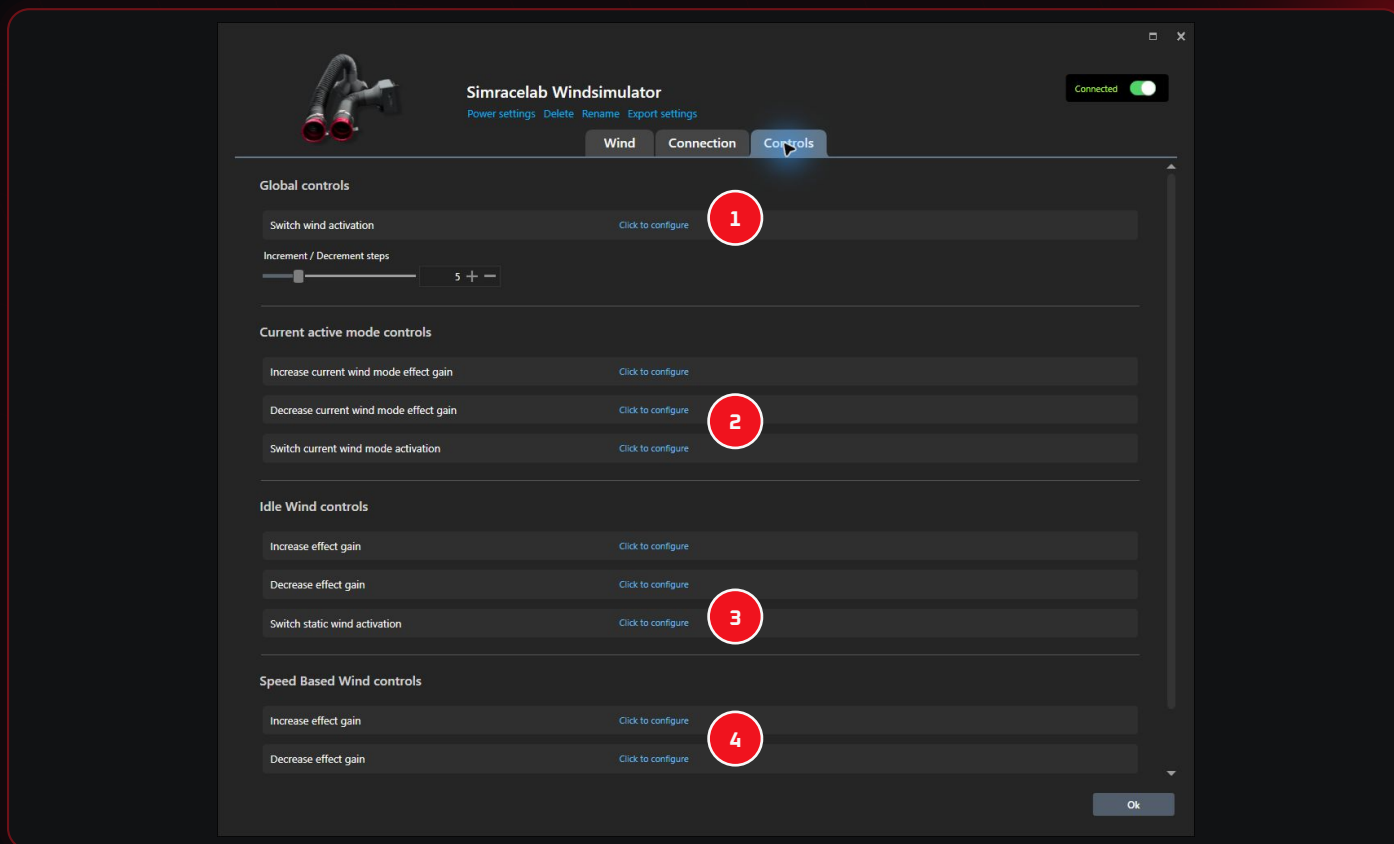
RECOMMENDED START

For static wind, begin with low output. For speed-based wind, test curving and drafting at 50% or lower.

SIMHUB 03

ASSIGN HOTKEYS IN SIMHUB

The Controls tab contains global commands and separate commands for both wind modes.



- 1 Open the Controls tab in the device window.
- 2 At Switch wind activation, click Click to configure and assign a global on/off button.
- 3 Under Idle Wind controls, assign hotkeys for static wind and its output.
- 4 Under Speed Based Wind controls, optionally assign separate buttons for dynamic wind.

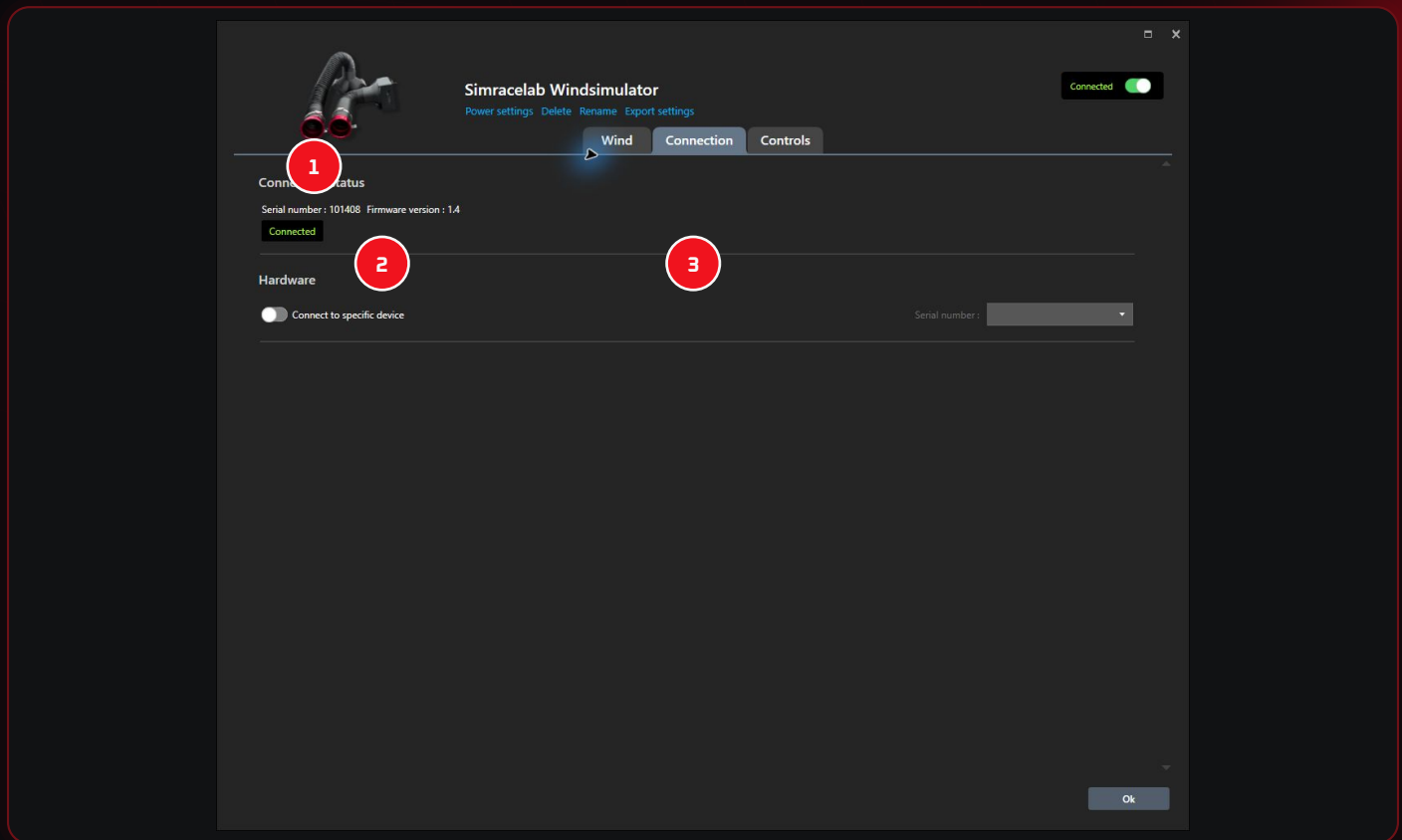
HOTKEY TIP

Separate hotkeys let you switch between static and speed-based wind without opening SimHub while driving.

SIMHUB 04

VERIFY THE CONNECTION AND START A TEST

Connection shows hardware information and allows a fixed assignment when several devices are present.



- 1 On the Connection tab, confirm Connected and verify serial number and firmware.
- 2 Use Connect to specific device only when multiple compatible devices are connected.
- 3 Close with OK and confirm that the wind simulator appears active under My devices.
- 4 Test static wind directly, or start the game and verify telemetry reception for speed-based wind.

SETUP COMPLETE

Connected is green, the wind simulator is enabled and fan output changes with vehicle speed.

TROUBLESHOOTING

IF THERE IS NO AIRFLOW

The most common causes can usually be ruled out in a few minutes.

● DEVICE NOT FOUND

Fully close Control and SimHub. Disconnect USB, wait five seconds, reconnect it and open only the required application.

● CONNECTED, BUT NO RESPONSE

Confirm that wind mode is enabled, maximum output is above 0% and SimHub receives telemetry while driving.

● LEFT AND RIGHT ARE SWAPPED

Test each channel separately, then swap the fan connectors or correct the left/right mapping in software.

● FANS PULSE OR ARE TOO LOUD

Increase smoothing, reduce maximum output and check fan mounting and cable routing.

● WRONG OR OUTDATED FIRMWARE

In Control, open Settings > Updates and verify the detected device. Update only with stable power and USB connections.

FINAL CHECK

Correct channel assignment · Connected is green · telemetry active · cables safely routed.