



GSC Wind Sim Controller Sim Hub Setup Guide

Connect the Controller

1. Open Sim Hub.
2. Connect the GSC Wind Sim Core Controller to your computer using its USB cable.
3. Select Arduino from the menu on the left.
4. Verify that the GSC Wind Sim Core Controller is identified and connected.
5. Select ShakeIt Wind from the menu on the left.
6. Select the Controls tab at the top.

When assigning a control, physically press, rotate, or move that control while SimHub is waiting for an input. You should see Sim Hub detect the corresponding controller input.

Global Mute Setup

7. Locate Switch Wind Activation and click "Click to configure."
 - a. Select "Pressed" from the Press type dropdown menu.
 - b. Press the rotary knob down once.
 - c. Confirm that Sim Hub detects the input.
 - d. Click Save.

***Pressing the rotary knob will now toggle all wind output on or off.

Idle Wind Speed Controls Set up

8. Scroll down to the Idle Wind Controls section.
9. Configure Increase Effect Gain:
 - a. Click "Click to configure."
 - b. Select "Pressed" from the Press type dropdown menu.
 - c. Rotate the rotary knob clockwise one click.
 - d. Confirm that SimHub detects the input.
 - e. Click Save.

10. Configure Decrease Effect Gain:

- a. Click “Click to configure.”
- b. Select “Pressed” from the Press type dropdown menu.
- c. Rotate the rotary knob counterclockwise one click.
- d. Confirm that Sim Hub detects the input.
- e. Click Save.

Static Wind Mode Setup

11. Locate Switch Static Wind Activation.

-Assign the Static ON command

- a. Make sure the toggle switch is in its center position.
- b. Click “Click to configure.”
- c. Select “Pressed” from the Press type dropdown menu.
- d. Move the toggle toward the Static mode icon.
- e. Confirm that Sim Hub detects the input.
- f. Click Save.
- g. Return the toggle to the center position.

-Assign the Static OFF command

- a. Click “Click to configure” again.
- b. Select “Released” from the Press type dropdown menu.
- c. Move the toggle toward Static and then return it to the center position while Sim Hub is waiting for the input.
- d. Confirm that Sim Hub detects the released input.
- e. Click Save.

This establishes the ON and OFF states for Static Wind mode.

***If you want Static Wind to operate while no simulation is running, open the Static Wind effect settings and disable Only when game is running. There is also a setting in this area to toggle enabling static wind while in game as well.

Dynamic Wind Mode Setup

12. Locate Switch Speed Based Wind Activation.

Assign the Dynamic ON command

- a. Make sure the toggle switch is in its center position.
- b. Click “Click to configure.”
- c. Select “Pressed” from the Press type dropdown menu.
- d. Move the toggle toward the Dynamic mode icon.
- e. Confirm that Sim Hub detects the input.
- f. Click Save.
- g. Return the toggle to the center position.

Assign the Dynamic OFF command

- a. Click “Click to configure” again.
- b. Select “Released” from the Press type dropdown menu.
- c. Move the toggle toward Dynamic
- d. Confirm that Sim Hub detects the released input.
- e. Click Save.
- f. Then return it to the center position while Sim Hub is waiting for the input.
 - This establishes the ON and OFF states for speed-based Dynamic Wind mode.

Test the Controller

13. Verify each controller function:

- ☐ Press the rotary knob to mute and unmute the Wind Sim.
- ☐ Rotate clockwise to increase the Static Wind level.
- ☐ Rotate counterclockwise to decrease the Static Wind level.
- ☐ Move the toggle toward Static to activate Static Wind.
- ☐ Return the toggle to center to deactivate Static Wind.
- ☐ Move the toggle toward Dynamic to activate speed-based wind.
- ☐ Return the toggle to center to deactivate Dynamic Wind.

***Your GSC Wind Sim Core Controller is now configured.