



# DESKTOP PILOT

## BREAKER PANEL WITH IGNITION SWITCH SETUP INSTRUCTIONS FOR MICROSOFT FLIGHT SIMULATOR 2024

1. Connect the Type B USB cable to the USB port located at the back of the Breaker Panel with Ignition Switch.
2. Next, plug the other end of the cable into the USB port of your computer or a USB hub.
3. Wait for your computer to detect the Breaker Panel with Ignition Switch device.
4. Configure the device – **IMPORTANT: Ensure that no other active devices have the same functions assigned, as conflicting input signals from controllers will prevent normal operation.**



Optional:

5. Attach your headphone's audio jack/Type-C cable located under the key switch of Breaker Panel with Ignition Switch.
6. Attach an audio jack to audio jack/Type-C to USB cable to the audio jack/Type-C mount located at the back of the Breaker Panel with Ignition Switch and connect it to your computer's audio jack/USB hub.

**Note: If your headphone uses an audio jack cable, connect the Breaker Panel with Ignition Switch to your PC with an audio jack to audio jack cable; if it uses a Type-C cable, connect the Breaker Panel with Ignition Switch to your PC with a Type-C to USB cable. If the Type-C cable of your headphone is not working, remove the cable, flip the plug and connect it to the Breaker Panel with Ignition Switch.**



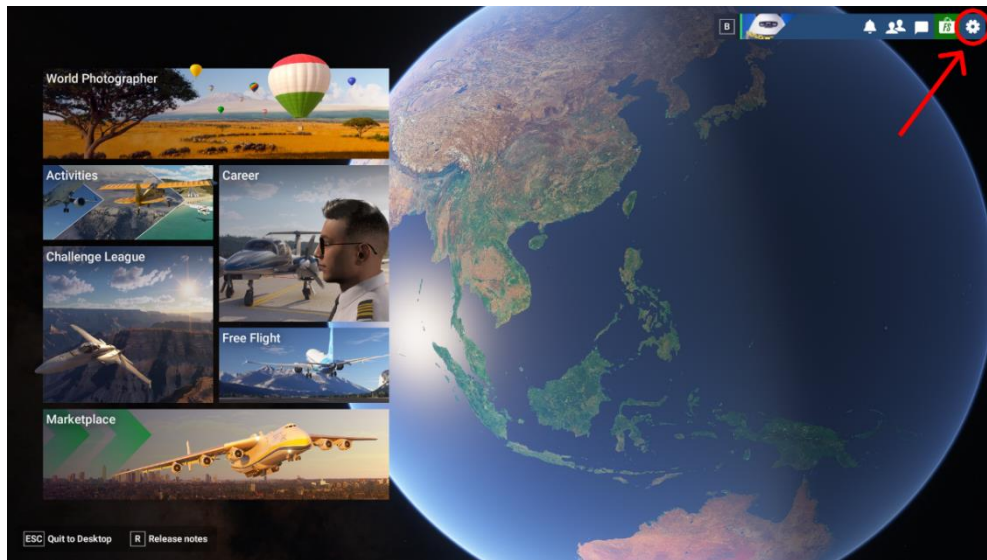
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**Note: This user manual for Microsoft Flight Simulator 2024 is created with the use of Cessna 172 Skyhawk – G1000 as its aircraft.**

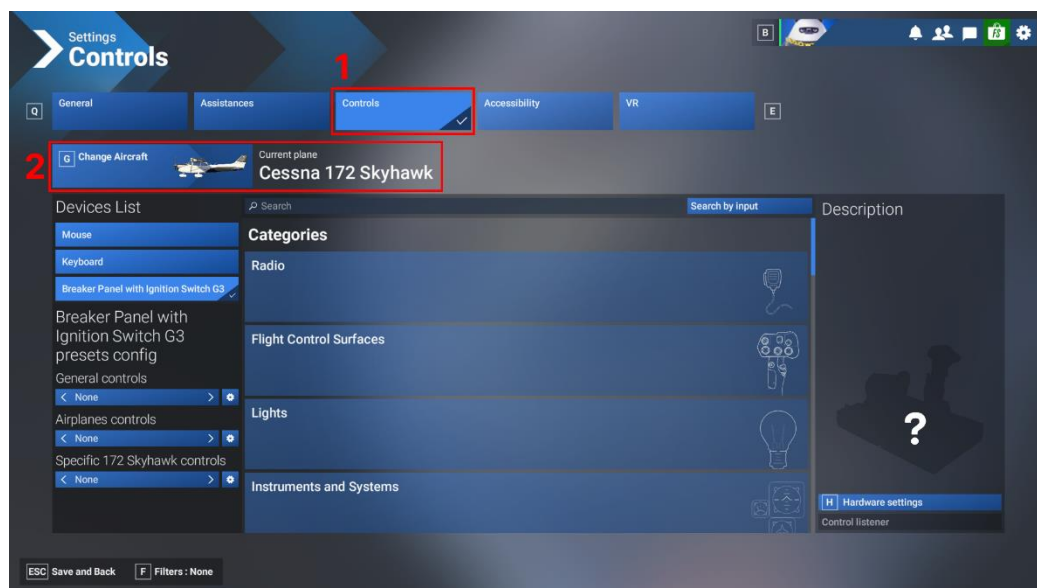
## Microsoft Flight Simulator 2024

To configure Desktop Pilot Breaker Panel with Ignition Switch with MSFS 2024, follow these steps:

1. Launch Microsoft Flight Simulator 2024.
2. When in the main menu of Microsoft Flight Simulator 2024, navigate to **Settings** by clicking the gear symbol in the upper right corner.



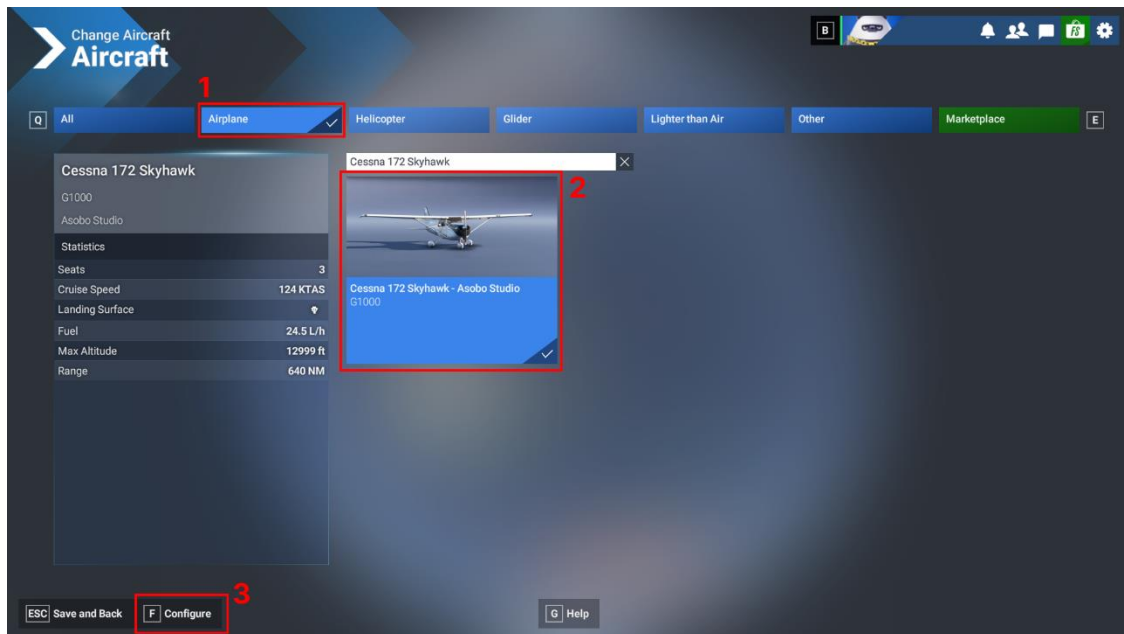
3. In **Settings** menu, click the **Controls** tab. Then, press **G** or **Change Aircraft**.



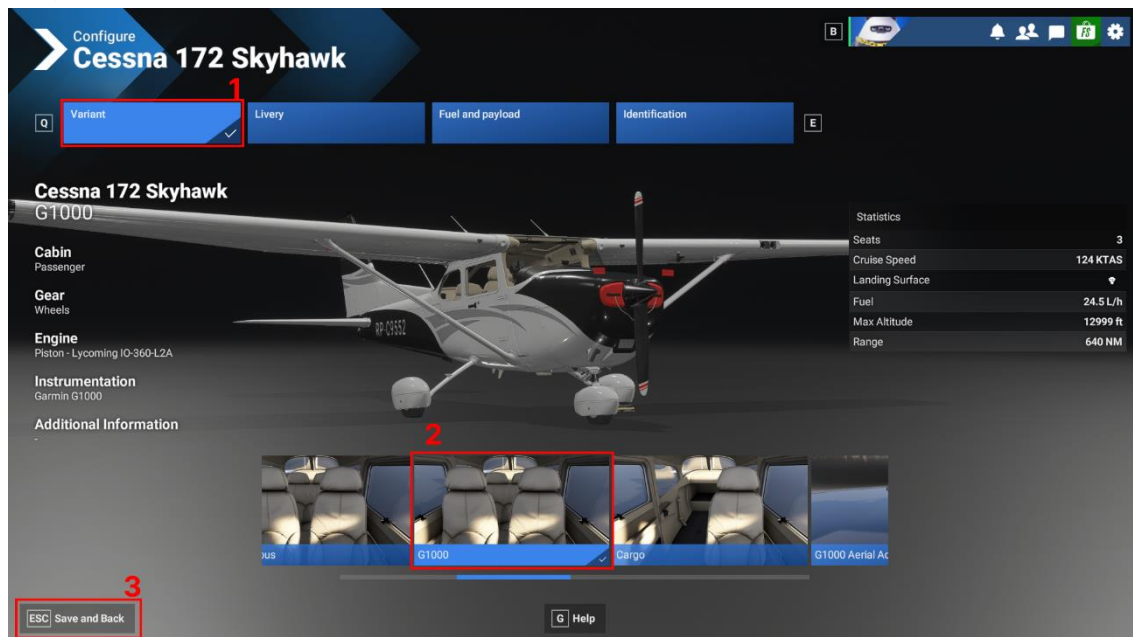


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4. In the **Aircraft** menu, click the **Airplane** tab to find **Cessna 172 Skyhawk** or click the **Search Bar** and type **Cessna 172 Skyhawk**. Select the **Cessna 172 Skyhawk** and press **F** or **Configure** located at bottom left to change the plane's variant.



5. In the Cessna 172 Skyhawk, on the bottom center, use the horizontal scroll to find the **G1000** and select it. Next, press **ESC** or click **Save and Back** to go back to **Aircraft** menu. Then, under **Aircraft** menu, press **ESC** or click **Save and Back** to go back to **Settings** menu.





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- Under the **Devices List** – left side of the screen, click on the **Breaker Panel with Ignition Switch** to being configuring.



- Under the **Categories** tab, click **Instruments and Systems**. Then, click **Engine Instruments**.
- Under **Engine Instruments**, set up the command's bindings by doing the following:
  - Click the setting icon of the respective command.
  - Toggle the slider button to bind the button to the command.
  - Rename the profile to **Desktop Pilot Breaker Panel** and check the boxes **Apply to all aircraft** and **Set as default** and click **OK**.
  - Press **ESC** or **Go Back** button located at bottom left after setting the binding.

*For steps 7 and 8, refer to the image on the next page and follow the sequence shown. This will be helpful for binding commands to Breaker Panel with Ignition Switch.*



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**Categories**

- Radio
- Flight Control Surfaces
- Lights
- 1st** Instruments and Systems

**Engine Instruments** ← **2nd**

MAGNETOS LEFT	Airplanes	Digital			<b>3rd</b>
MAGNETOS OFF	Airplanes	Digital			
MAGNETOS RIGHT	Airplanes	Digital			
MAGNETOS START	Airplanes	Digital			
MAGNETO 1 BOTH	Airplanes	Digital			
DECREASE MAGNETO 1	Airplanes	Digital			
INCREASE MAGNETO 1	Airplanes	Digital			
MAGNETO 1 LEFT	Airplanes	Digital			
MAGNETO 1 OFF	Airplanes	Digital			
MAGNETO 1 RIGHT	Airplanes	Digital			
MAGNETO 1 START	Airplanes	Digital			
MAGNETO 2 BOTH	Airplanes	Digital			
DECREASE MAGNETO 2	Airplanes	Digital			
INCREASE MAGNETO 2	Airplanes	Digital			
MAGNETO 2 LEFT	Airplanes	Digital			

**MAGNETOS OFF**

- 1 ← **4th**
- 2
- 3
- 4
- 5
- 6

**5th**

**6th**

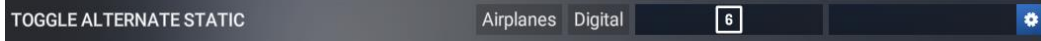
9. Find the following commands in the list or use the **Search Bar** to find the following bindings for **Engine Instruments** as shown below:
- MAGNETOS OFF** to **1**.
  - MAGNETOS RIGHT** to **2**.
  - MAGNETOS LEFT** to **3**.
  - MAGNETOS BOTH** to **4**.
  - MAGNETOS START** to **5**.

MAGNETOS BOTH	Airplanes	Digital	<b>4</b>		
MAGNETOS LEFT	Airplanes	Digital	<b>3</b>		
MAGNETOS OFF	Airplanes	Digital	<b>1</b>		
MAGNETOS RIGHT	Airplanes	Digital	<b>2</b>		
MAGNETOS START	Airplanes	Digital	<b>5</b>		

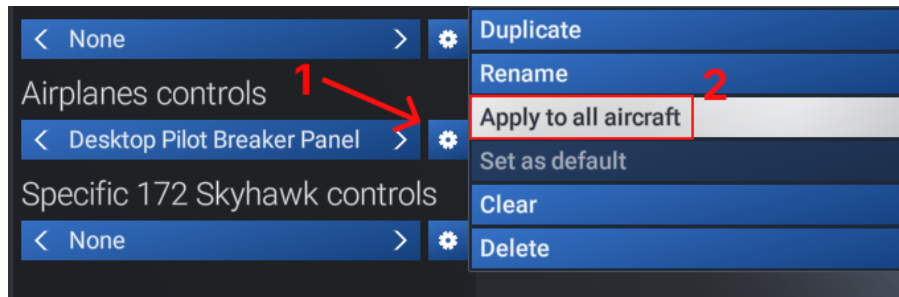


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- Once done, click **Electrics** to bring up the dropped down commands and click **Flight Instruments**. Then, scroll down to find the command **TOGGLE ALTERNATE STATIC** and set it to 6.



- Once all set and done, under the **Airplanes controls**, click their setting by clicking their gear icon and click **Apply to all Aircraft**.



- Once applied, press **ESC** or **Save and Back** located at bottom left and you can now use the Breaker Panel with Ignition Switch in MSFS 2024.

**Congratulations! You have successfully set up the Breaker Panel with Ignition Switch in Microsoft Flight Simulator 2024! Happy flying!**

*In case you encounter any issues during setup, please reach out to our customer support team via Email: [Sales@desktoppilot.com](mailto:Sales@desktoppilot.com) or call +1-888-296-9150 Monday-Friday 10am-6pm EST for further assistance.*