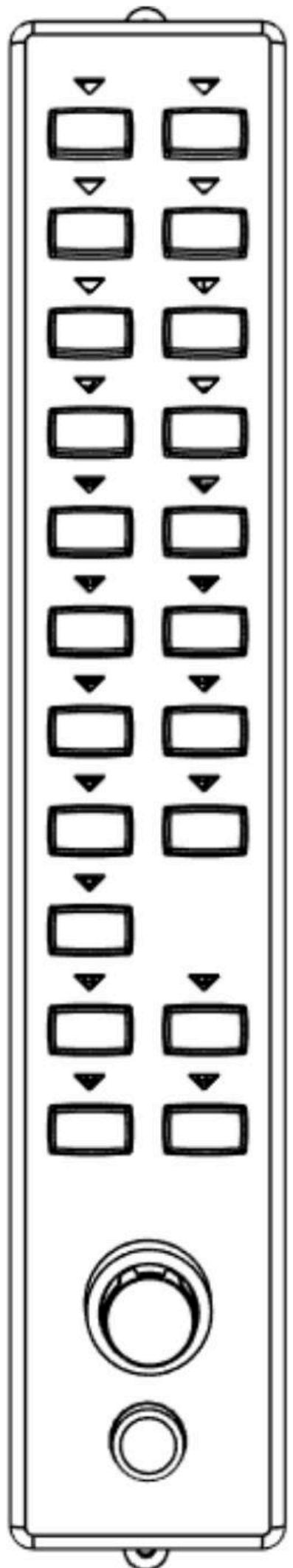


DESKTOP PILOT

Audio Panel

User Manual

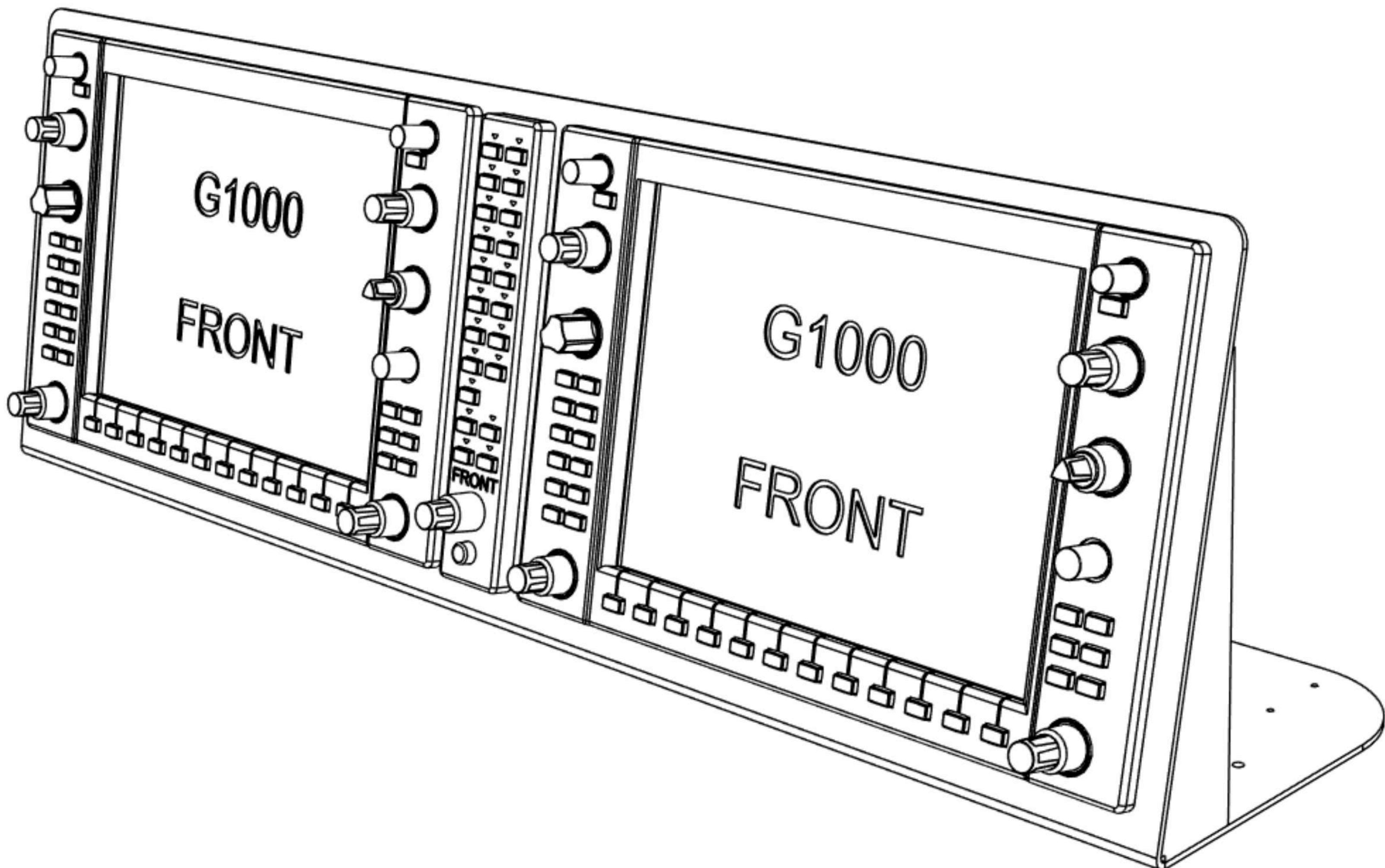


Serial Device
Version 1.0

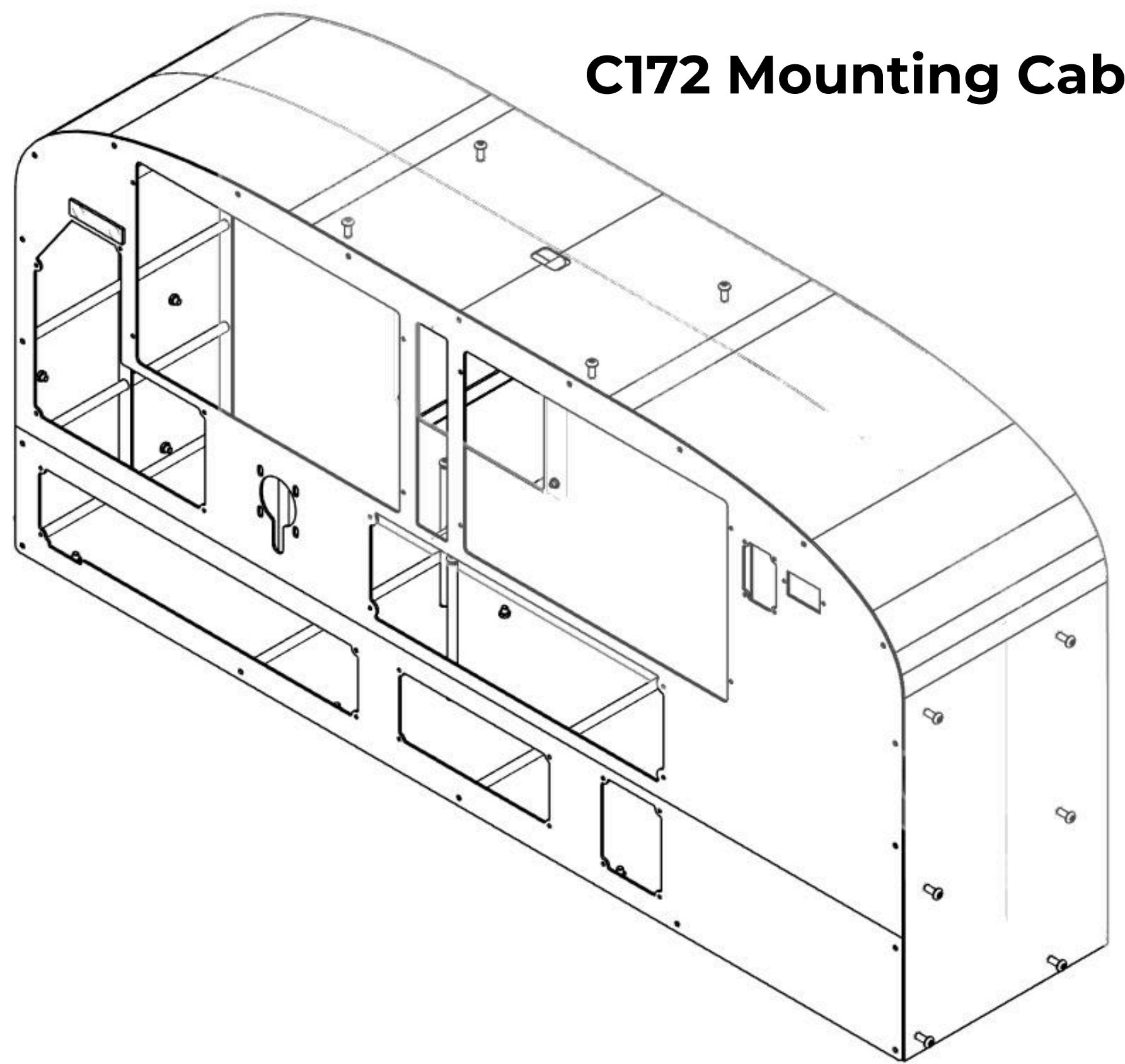
MOUNTING OPTIONS:

Dual Stand

Insert the device into the stand, then secure it by tightening screws through the designated mounting holes at the back of the stand

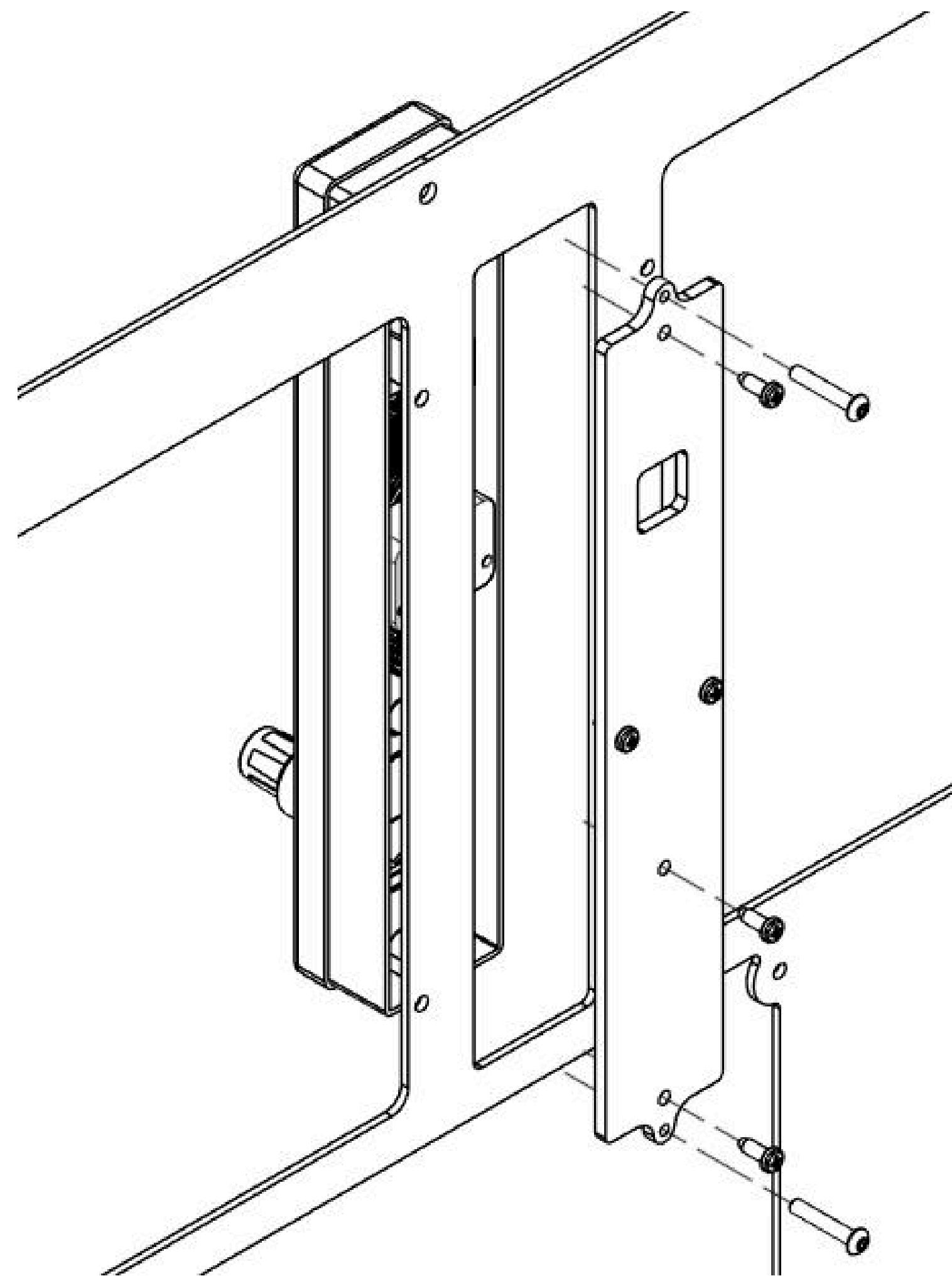


Cabinet Mounting / Panel Mounting

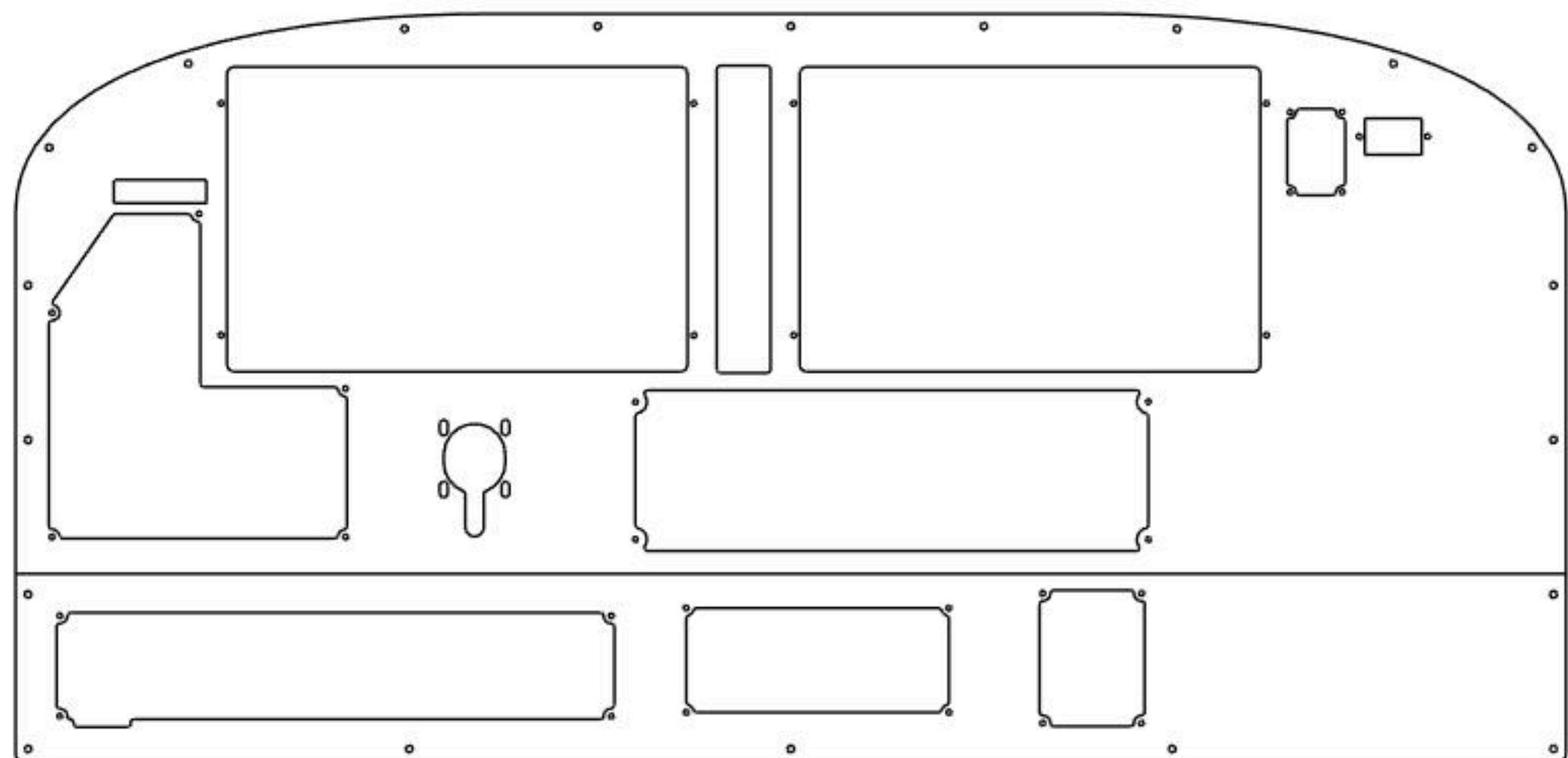


C172 Mounting Cabinet

Screw the product directly to the cabinet or panel as shown here.



C172 Mounting Panel





IMPORTANT:

This device may not function correctly if other connected devices are assigned the same functions in the simulator software. If you experience any issues, disconnect those devices or delete the overlapping input bindings.

If you need assistance, feel free to contact our support team.

Safety, Maintenance, and Care Guidelines

To ensure safe use and extend the lifespan of the **Audio Panel** follow these recommendations:

Safety Precautions

- **Proper Use:** Keep unit dry and free from moisture. Use only certified USB power sources.
- **Heat & Ventilation:** Avoid placing device near heat sources or in direct sunlight. Prolonged exposure may damage internal components.
- **Handling:** Handle device carefully to avoid internal damage. Keep out of reach of children and pets.
- **Disposal:** Do not dispose with household waste. Follow local electronic and plastic recycling regulations.
- **Warranty:** Unauthorized modification or disassembly may void warranty. Contact support for approved repair or servicing.

Maintenance and Care

- **Surface Cleaning:** Use a soft, dry microfiber cloth to clean exterior surfaces. Avoid liquid cleaners and alcohol-based solutions.
- **USB Port Care:** Ensure USB Type B connection remains secure and free from debris. Minimize unnecessary unplugging to reduce port wear.
- **Storage:** Store in a dry, dust-free environment away from direct sunlight when not in use.

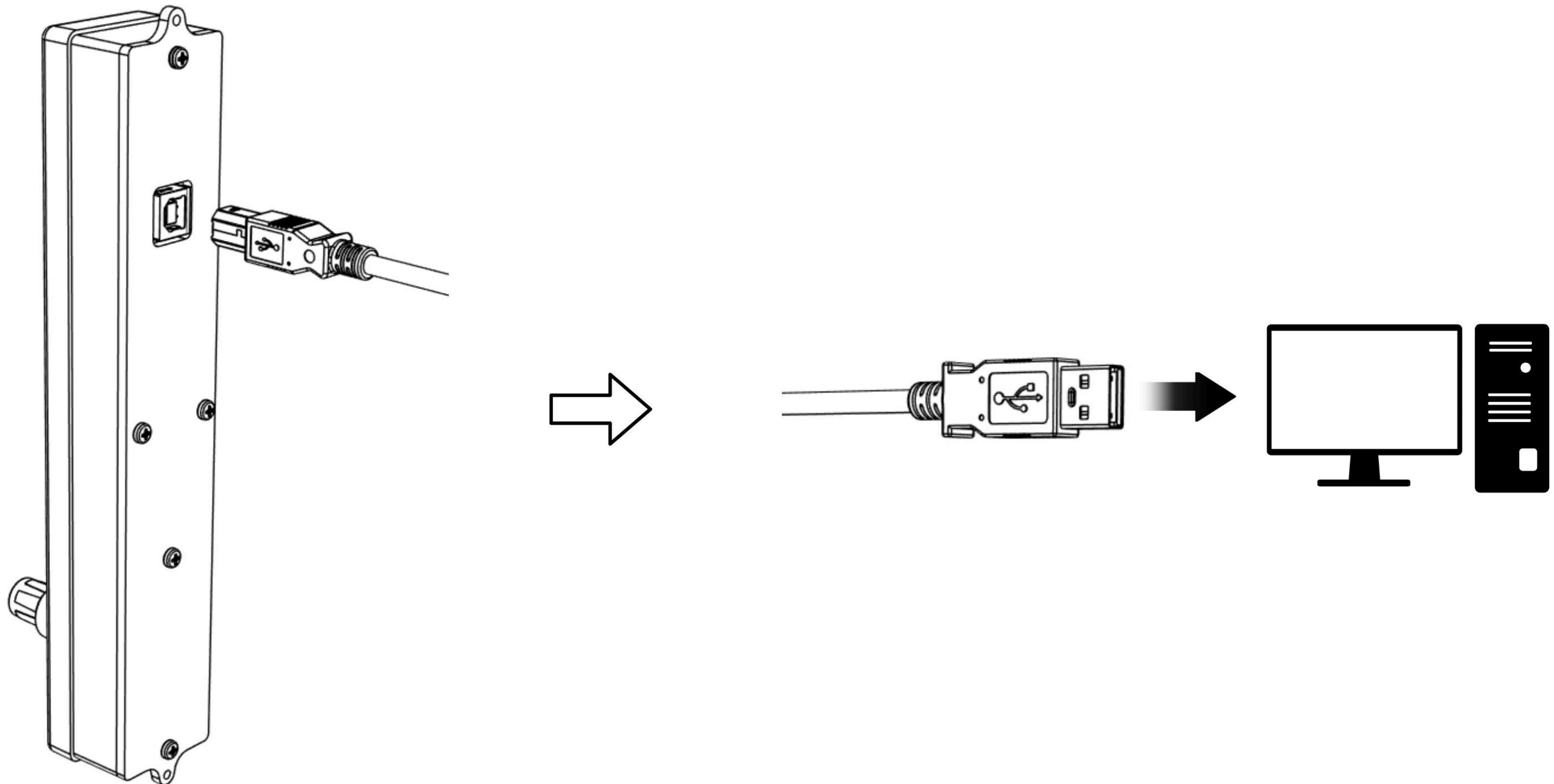
Setup Instructions

1. (Optional) Mount the Device

Refer to the **Mounting Options** section of this manual for instructions on securing the device.

2. Establish USB Communication

- a. Use a **USB Type-B to Type-A cable** included in the package.
- b. Connect the **Type-B** end to the back of the device.
- c. Connect the **Type-A** end to your PC.



Setup Instructions

3. Install Required Software: To download the necessary software, scan the QR code below or visit <https://www.deskoppilot.com/software/>. Install the following:

a. SkySync Desktop Pilot (Compatible with XPLN/MSFS): Handles serial communication with the Audio Panel to emulate its functionality within the simulator.



4. Set up the following software:

Option A: For X-Plane 11/12:

- a. Ensure **X-Plane is running** and in flight mode.
- b. Open **SkySync**. The application will automatically establish the connection of Audio Panel to X-Plane.
- c. Test the Audio Panel by pressing each button and confirming its indicator light activates and the G1000 shows the corresponding audio source selection.

Option B: For Microsoft Flight Simulator 2020/2024:

1. Download and install WAsim Commander Plugin Patcher from either:

- a. Visit **Desktop Pilot's software page** at: <https://www.deskoppilot.com/software>
- b. or download directly from **GitHub**: <https://github.com/FlightGeek/Wasim-Commander-Plugin-Patcher>

2. Open Wasim Plugin Patcher.

Setup Instructions



3. **From the dropdown menu**, select the installed version of Microsoft Flight Simulator (MSFS 2020 or 2024).
4. Select the corresponding flight simulator version.
 - a. For **MSFS 2020**, select **FS20**.
 - b. For **MSFS 2024**, select **FS24**.
5. **Click Insert Plugin** - This will insert the **WASimModule** plugin for MSFS.
 - A confirmation pop-up will appear once the plugin is successfully inserted.
6. **Click Verify Plugin** - This will check that the plugin was inserted correctly.
 - A confirmation pop-up will appear upon successful verification.
7. **Open SkySync** and select the version of MSFS:
 - a. If the button displays **FS20**, it will connect to **Microsoft Flight Simulator 2020**.
 - b. If the button displays **FS24**, it will connect to **Microsoft Flight Simulator 2024**.
8. Click **Start Connecting** in SkySync to establish the connection between the Audio Panel and the simulator.
9. Test the Audio Panel by pressing each button and confirming its indicator light activates and the G1000 shows the corresponding audio source selection.

Troubleshooting Guidelines

Softkeys Not Responding in Simulator

- **Problem:** Pressing COM, NAV, or Marker Beacon softkeys has no effect in the simulator.
- **Solution:**
 - Ensure the Audio Panel is connected via USB and detected by SkySync Desktop Pilot.
 - Verify the simulator is running and an aircraft with a G1000 suite is loaded.
 - Check that SkySync is actively communicating with the simulator (look for status confirmation in the software).
 - Restart the SkySync application and the simulator if the panel remains unresponsive.

LEDs Not Illuminating When Selecting COM or NAV

- **Problem:** The status indicator LEDs above the softkeys do not light up when selecting communication or navigation audio sources.
- **Solution:**
 - Confirm the device is powered via the USB connection and fully recognized in SkySync.
 - Ensure that the active simulator aircraft has a functioning G1000 audio panel configuration.
 - If issue persists, unplug and replug the USB cable or restart SkySync.

Backup Display Softkey Does Not Activate

- **Problem:** Pressing the red Backup Display softkey fails to show mirrored PFD/MFD information.
- **Solution:**
 - Make sure you're using a supported aircraft and that SkySync has display mirroring enabled.
 - Ensure the simulator is not paused or in a menu state that prevents live data output.

Troubleshooting Guidelines

Device Not Detected by Computer

- **Problem:** The Audio Panel does not appear as a connected device on your computer.
- **Solution:**
 - Check that the USB Type B to Type A cable is firmly connected at both ends.
 - Try another USB port or a different known-good cable.
 - Reboot the computer and plug the device back in after the OS has restarted.
 - If the device still isn't recognized, try connecting it to another computer to rule out device failure.

Backlight Does Not Adjust

- **Problem:** Rotating the brightness knob (via the Desktop Pilot Switch Panel) does not change the panel backlighting.
- **Solution:**
 - Adjust the potentiometer in the simulator.
 - In MSFS, adjust the Avionics potentiometer.
 - In X-Plane, adjust the SW/CB potentiometer.
 - Check that SkySync Desktop Pilot is running and connected to a flight simulator.

Frequently Asked Questions

Is the Audio Panel compatible with Microsoft Flight Simulator (MSFS) and X-Plane?

Yes. The Audio Panel is fully supported in both MSFS and X-Plane when used with SkySync Desktop Pilot. It accurately replicates the communication and navigation audio management behavior found in aircraft like the Cessna 172 with G1000 avionics.

Does the Audio Panel work on Xbox or PlayStation?

No. The Audio Panel functions as a Serial Device and requires SkySync Desktop Pilot software, which runs on Windows PCs. Console platforms like Xbox and PlayStation do not support this type of hardware integration.

Do the softkeys and LEDs function without SkySync running?

No, the softkeys and LEDs on the Audio Panel require SkySync to function. The Audio Panel is a serial device that relies on software communication with the flight simulator, which is handled through SkySync. Without SkySync running, the device cannot receive or transmit data to the simulator, and its interface components (such as softkeys and LEDs) will not respond.

Is the Backup Display softkey compatible with all aircraft?

No. The mirrored display feature is designed for aircraft equipped with the G1000 avionics suite. The red softkey will have no effect in aircraft that do not support G1000-style PFD/MFD output or screen redundancy.

Desktop Pilot

Your ticket to the virtual skies!

Need Help or Have Suggestions?

If you experience an issue not listed on the guidelines, want to report a bug, or have ideas for improvement, we're here for you!

-  Contact Us: sales@desktoppilot.com or **+1-888-296-9150**
-  Support Hours: **Monday–Friday, 10 AM – 6 PM EST**
-  Visit: <https://www.desktoppilot.com/>

Your feedback helps us improve the experience. Don't hesitate to reach out—we'd love to hear from you!

