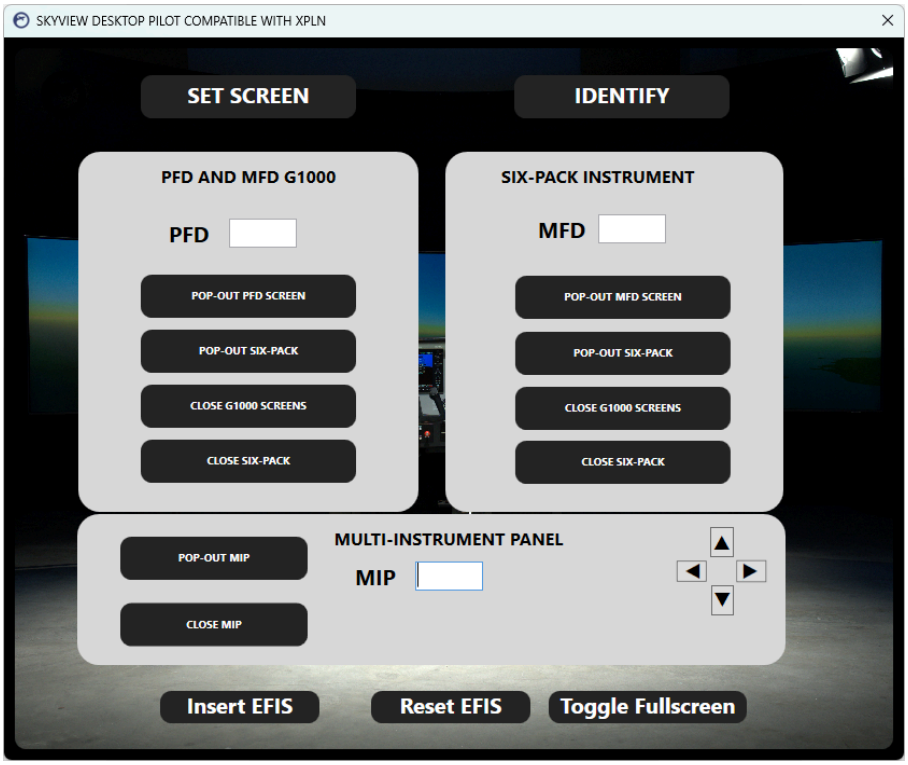
DESKTOP PILOT



SKYVIEW DESKTOP PILOT **COMPATIBLE WITH XPLN** HOW TO INSTALL & USE

Version 2.2.1

DESKTOP PILOT

SKYVIEW DESKTOP PILOT COMPATIBLE WITH XPLN

SETUP INSTRUCTIONS

1. **Installation Guidelines:**

   Before installing SkyView, ensure that SkySync has already been installed.

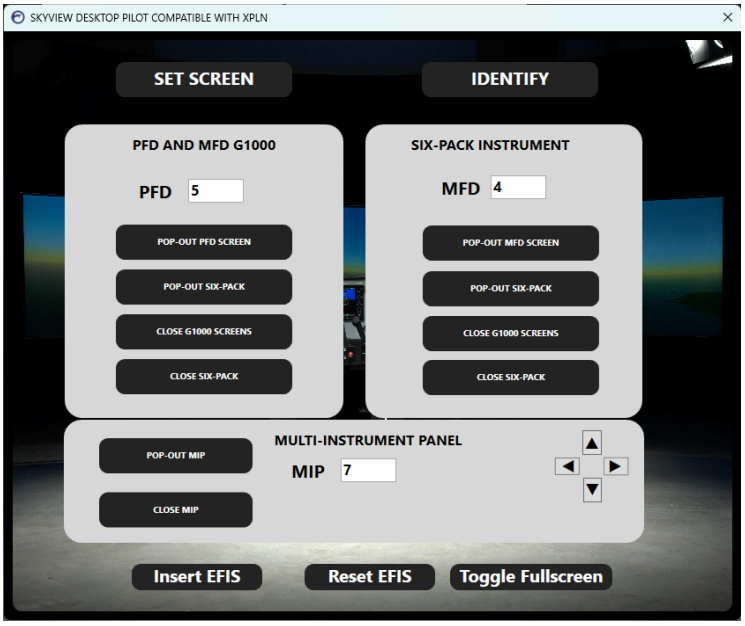
   SkySync handles prerequisite components such as:

   - .NET Desktop Runtime (if required)

   These components are necessary for SkyView to function correctly.

   a. Download and install **SkyView - COMPATIBLE WITH XPLN**.
   b. After installation, launch **SkyView Desktop Pilot – COMPATIBLE WITH XPLN.**

2. Use guidelines:
   Note: If **X-Plane** and **SkySync Desktop Pilot - COMPATIBLE WITH XPLN** are open, close them first.



   a. In **SkyView Desktop Pilot**, click the **Insert EFIS** button to remove the bezels of the G1000 screens in X-Plane.
   b. Open **X-Plane 11/12** and **SkySync Desktop Pilot - COMPATIBLE WITH XPLN.**
   c. Restart **SkyView Desktop Pilot** to reset its connection to **X-Plane 11/12**.

d. In **SkyView Desktop Pilot**, click **Identify** to display monitor numbers on the connected screens. An example is shown below:

e. Use the displayed numbers to assign monitors for specific screens.
    i. For example, if the number **4** appears on the monitor used for the PFD, enter **4** in the **PFD** text box in SkyView.
f. After assigning all monitor numbers in the text boxes, click the **Set Screen** button. Then click the **Pop-out** buttons for **PFD**, **MFD**, and the **Multi-Instrument Panel**.
g. If the analog instruments on the Multi-Instrument Panel do not align perfectly with the physical circular cutouts, use the **arrow controls in SkyView** to fine-tune their positions.

Note for X-Plane 11 Users:
Automatic G1000 screen placement support is limited in X-Plane 11 due to the simulator's window identification behavior. Screens will still pop out, but manual placement may be required. This limitation is specific to X-Plane 11 and does not affect X-Plane 12.

DESKTOP PILOT

OPERATION GUIDE

STANDARD OPERATION

1. Open **X-Plane 11** or **X-Plane 12.**
2. Open **SkySync** and **SkyView**.
3. **In X-Plane**, choose **Cessna 172 Skyhawk (G1000)** as the aircraft and go to flight mode.
4. Verify the placements of the visuals on the G1000 monitors and the instrument gauges in the Multi-Instrument Panel.

SkyView Application – Flight Components

If the following **SkySync Desktop Pilot** components are present, use the corresponding buttons to manage the displays:

G1000 XFD (Primary/Multi Flight Display):

- **POP-OUT G1000 SCREENS** – Pops out the G1000 screens into the Primary/Multi Flight Display.
- **SWITCH G1000 SCREENS** – Switches the G1000 screens if incorrectly placed.
- **CLOSE G1000 SCREENS** – Closes the G1000 screens.

Optional components for Primary/Multi Flight Display (based on preference):

- **POP-OUT SIX PACK** – Displays the analog six-pack instrument used in non-glass cockpit versions of the Cessna 172. (May alter the configuration of the Primary/Multi Flight Display.)
- **SWITCH SIX-PACK SCREEN** – Moves the six-pack instrument display to another Primary/Multi Flight Display.
- **CLOSE SIX-PACK** – Closes the six-pack instrument and restores the previous configuration of the Primary/Multi Flight Display.

Multi-Instrument Panel

- **POP-OUT MIP** – Displays the custom multi-instrument panel graphics.
- **CLOSE MIP** – Closes the custom multi-instrument panel display.

Note: These buttons manage the presentation of instrument panels within the SkyView application. Functionality is limited to displaying, rearranging, or closing panels—instrument content remains unchanged.

ADVANCED FEATURES:

1. **Display Multi-Instrument Panel and Adjustable Brightness.**

   With **SkyView COMPATIBLE WITH XPLN,** clicking the **POP-OUT MIP** will show the Multi-Instrument Panel analogs in the Desktop Pilot's Multi-Instrument Panel. The list below are the analogs of the said panel:

   a. **Airspeed Indicator:** Displays the aircraft's speed relative to the surrounding air in knots, helping the pilot maintain safe and efficient flight speeds.
   b. **Attitude Indicator:** Shows the aircraft's orientation relative to the horizon, indicating pitch and bank angles for maintaining proper flight attitude.
   c. **Altimeter:** Measures the aircraft's altitude above sea level, using atmospheric pressure to provide accurate elevation readings.

With the use of **Desktop Pilot's Switch Panel,** the brightness of the multi-instrument panel can be adjusted, reflecting the behavior of the dimming of the switch panel potentiometers.

2. **Alternative Mode for Multi-Instrument Panel**

   With **SkySync COMPATIBLE WITH XPLN,** pressing the attitude indicator's encoder will switch the mode of the custom display of multi-instrument panel. The modes are listed below:

   a. **Graphical Mode:** The default display mode. This mode shows analog-style instruments, reflecting the layout of the multi-instrument panel in the Cessna 172 Skyhawk.
   b. **Textual Mode:** This mode displays instrument values as text instead of analog gauges. It makes for the user easier to read.

3. **Custom Six-Pack Instrument Display**

   SkyView features the **Six-Pack Instrument Panel**, commonly seen on Cessna 172 Skyhawks equipped with **steam gauges** or **analog instruments** instead of the G1000 glass cockpit.

   The Six-Pack Instrument Panel is displayed directly on a **Primary/Multi-Function Display monitor** in the simulator. To open the Six-Pack Instrument Panel:

   a. **Open SkyView**.
   b. Click the **POP-UP SIX PACK** button — this will automatically display the Six-Pack Instruments on one of the G1000 monitors.
   c. If the Six-Pack Instrument Panel opens on the wrong monitor, click the **SWITCH SIX-PACK SCREEN** button to move it to the correct G1000 display.

   When the Six-Pack Instrument Panel is active, it modifies certain G1000 functionalities — taking over control of essential flight data and prioritizing the knobs and controls associated with the analog instruments. This creates an authentic experience for pilots who prefer the classic instrumentation style.

   The Six-Pack Instruments include the following:

   a. **Airspeed Indicator:** Displays the aircraft's speed relative to the surrounding air in knots, helping the pilot maintain safe and efficient flight speeds.
   b. **Attitude Indicator:** Shows the aircraft's orientation relative to the horizon, indicating pitch and bank angles for maintaining proper flight attitude.
   c. **Altimeter:** Measures the aircraft's altitude above sea level, using atmospheric pressure to provide accurate elevation readings.
   d. **Turn Coordinator:** Indicates the rate of turn and the quality of the turn (coordinated, slipping, or skidding) to help the pilot maintain controlled maneuvers.
   e. **Directional Gyro (Heading Indicator):** Provides a stable and accurate representation of the aircraft's current heading, complementing the magnetic compass.

d. **Vertical Speed Indicator (Variometer):** Displays the rate of climb or descent in feet per minute (FPM), essential for managing altitude changes.

SHUTTING DOWN SKYVIEW / POST-USE

After using SkyView, follow these steps to properly shut it down.

1. Once done using the simulator, close **X-Plane.**
2. Close **SkySync Desktop Pilot** and **SkyView Desktop Pilot** after.

CONTACT INFORMATION

If you experience any issues during the setup of the **SkyView Desktop Pilot COMPATIBLE WITH XPLN** or encounter problems while using it, our customer support team is here to help.

Email: sales@desktoppilot.com

Phone: +1-888-296-9150

Hours: Monday–Friday, 10 AM – 6 PM EST