



CHYRONHEGO

CREATE. MORE.

**Dual Monitor Preview
For Lyric 8.8 RU1
Mosaic Systems
And Above**

NVIDIA Graphics Card Outputs

- THE NVIDIA GRAPHICS CARD PROVIDES ONE DVI OUTPUT AND 2 DISPLAY PORT OUTPUTS
- THE 2 DISPLAY PORTS CAN BE USED TO EXTEND LYRIC'S PREVIEW CANVAS TO 2 ADDITIONAL MONITORS.

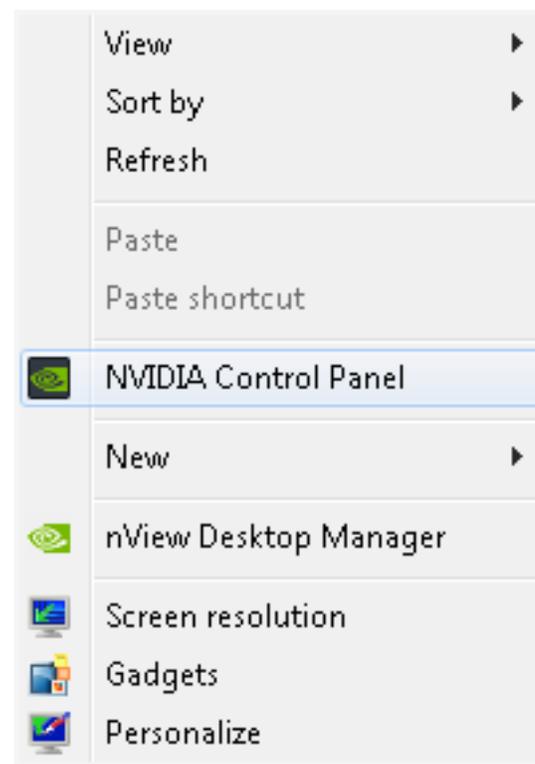


The NVIDIA graphics card can output a duplicate of the Lyric Canvas to a second and or third monitor, in addition to the main GUI used by the Lyric operator. This extra Canvas is typically used for control room preview display. (Studio or Mobile Truck)

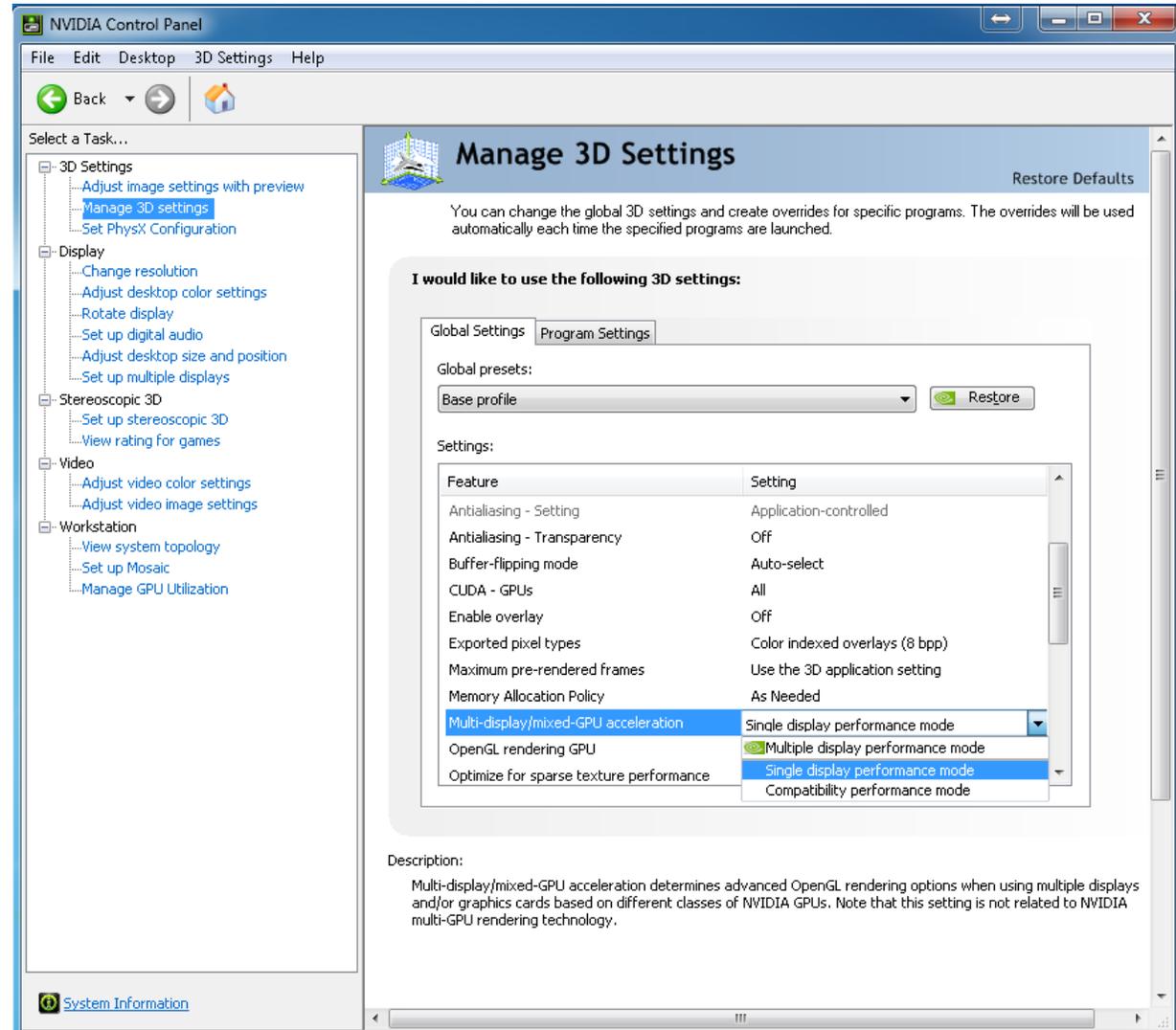
Setting up the Clone Canvas Window is accomplished by changing the graphics card settings and the preferences options within Lyric. Multiple monitor display configurations are available within the setup option of the NVIDIA K4000 card for Mosaic, as well as within the Mosaic XL, Mosaic XL2, Mosaic MX and the Mosaic HX graphics systems.



On the main Lyric System Desktop, right click on the mouse and within the context window, select NVIDIA Control Panel.



1. The control panel appears. This illustration shows the desired settings.
2. Select **Manage 3D Settings** from **Select a Task** in the Upper Left.
3. Select **Global Settings** from the panel in the middle.
4. Under Settings, locate the item **Multi-display/mixed-GPU acceleration**.
5. When you click on this item, a dropdown appears at the right. Select **Single display performance mode**.
6. Click **Apply** and close the window.
7. Turn off the ChyronHego Graphics system.



Note: Depending on the display device you intend to use for the Clone Canvas Window function, you will probably need the Display Port-to-DVI adapter that was shipped with your system. The adapter can be found in the graphics card's OEM box that was included with your purchase.



With the power still off:

Connect the digital monitors to both of the graphics card's Display Ports. If you have a monitor with a Display Port connector, make the connection directly (but remember not to confuse Display Ports with HDMI ports common on many current displays).

If the monitor you choose to use for the Clone Canvas Window has only DVI inputs, use the Display Port-to-DVI adapter provided. The adapter is pictured on the previous page. Your graphics card's connectors should be similar to the ones pictured below.

If the monitor you choose only has SDI input, you will have to supply a Display Port to SDI adapter.

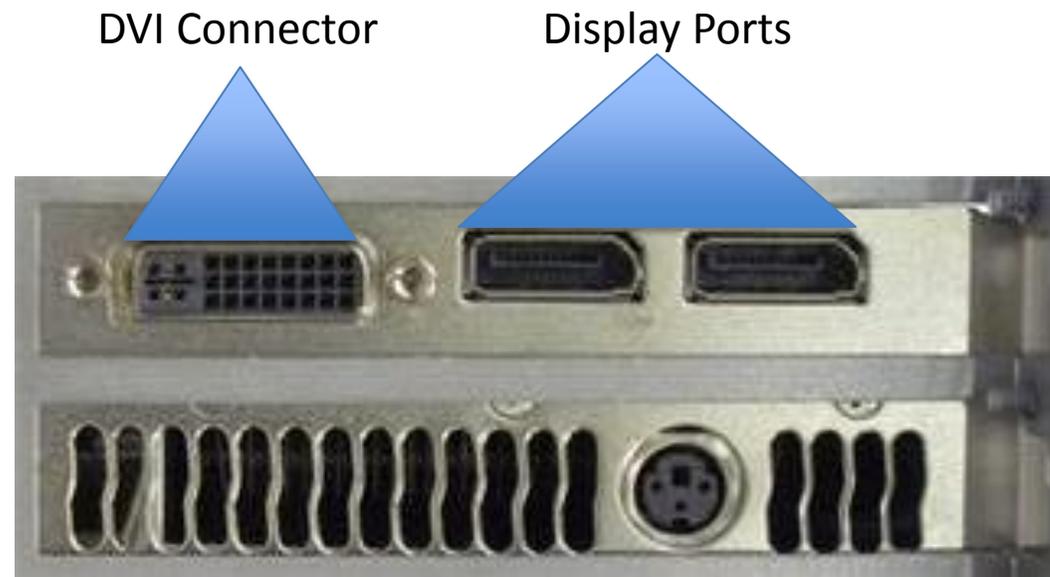


nVIDIA K4000 Graphics card

With the power still off:

Connect the DVI connector to your main Lyric Canvas monitor, used by the Lyric Operator.

Connect the 2 Display ports to your 2 additional monitors used for Lyric's canvas preview.



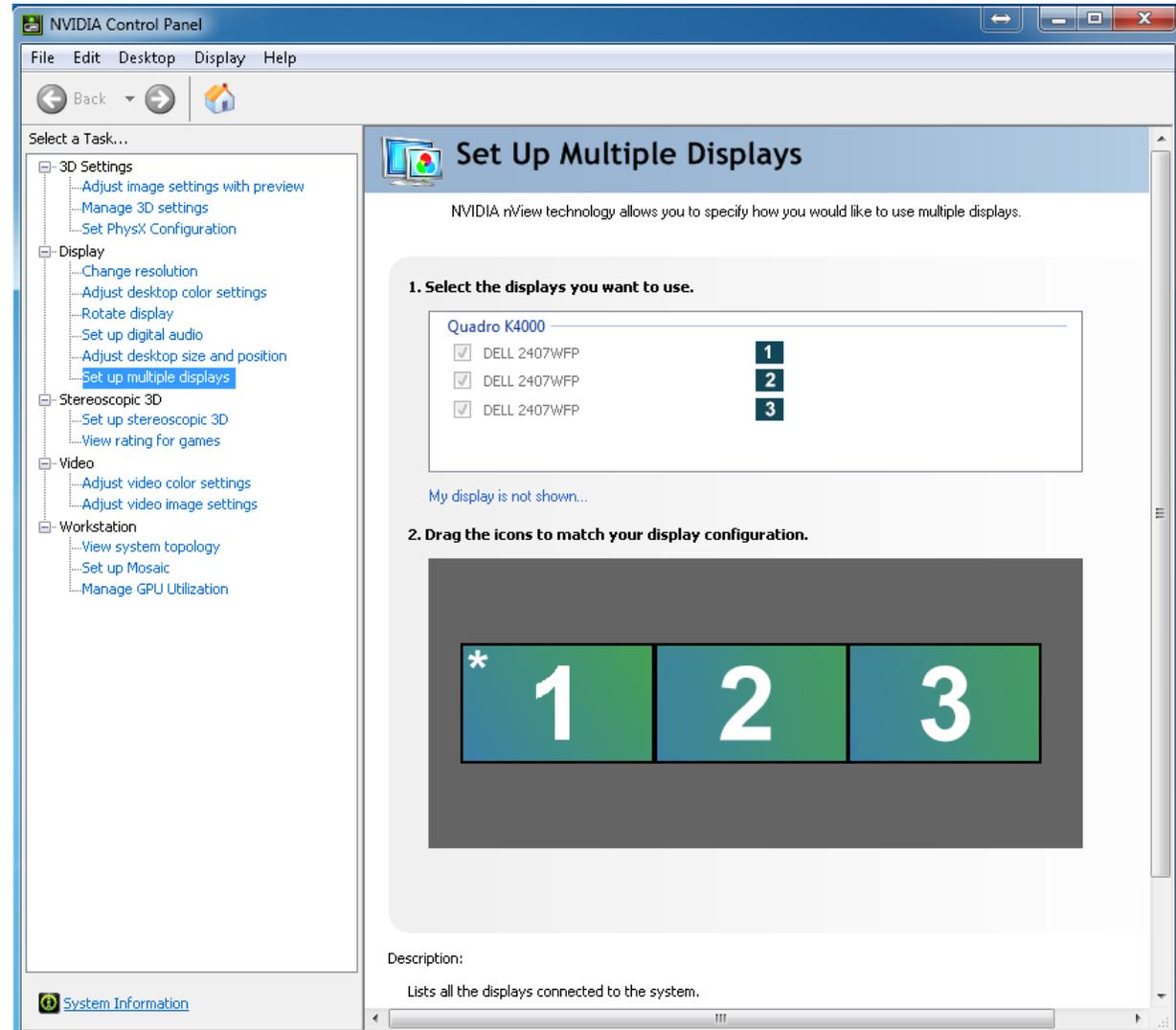
nVIDIA K4000 Graphics card

With the 3 monitors connected, restart your system.

Right click on your main desktop and in its context menu, select **NVIDIA Control Panel** again.

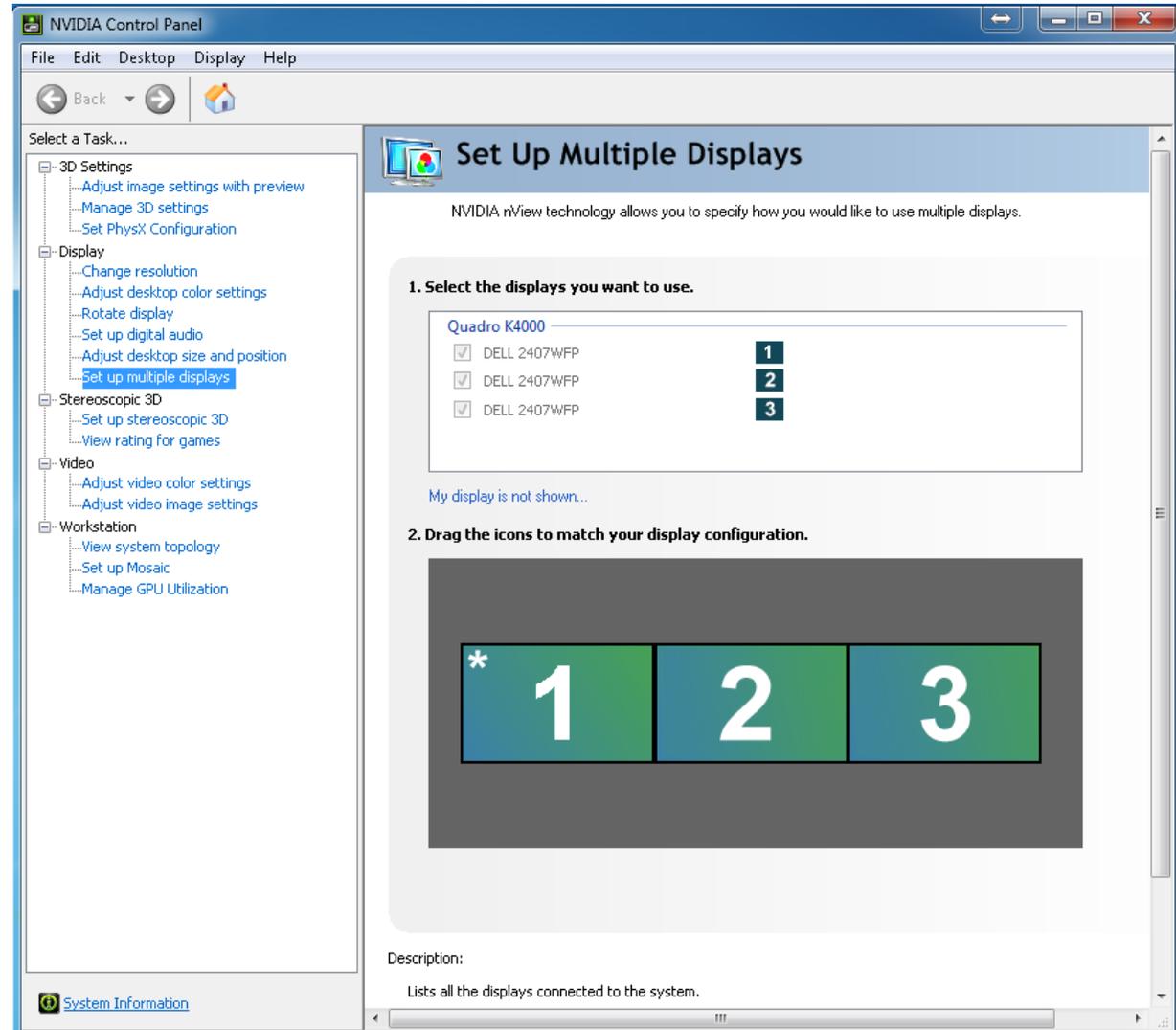
The graphics card and its software will probably identify your newly connected monitor or monitors soon after restart.

If your second and third display device is not detected, or is designated as unidentified or unknown, click **My display is not shown in the list...** This opens a dialog offering further options for detecting connected displays. If trouble detecting your second monitor persists, contact ChyronHego Customer Service at 631-845-2132.



At the left, select **Set up multiple displays**. This is the desired setting as seen on the right.

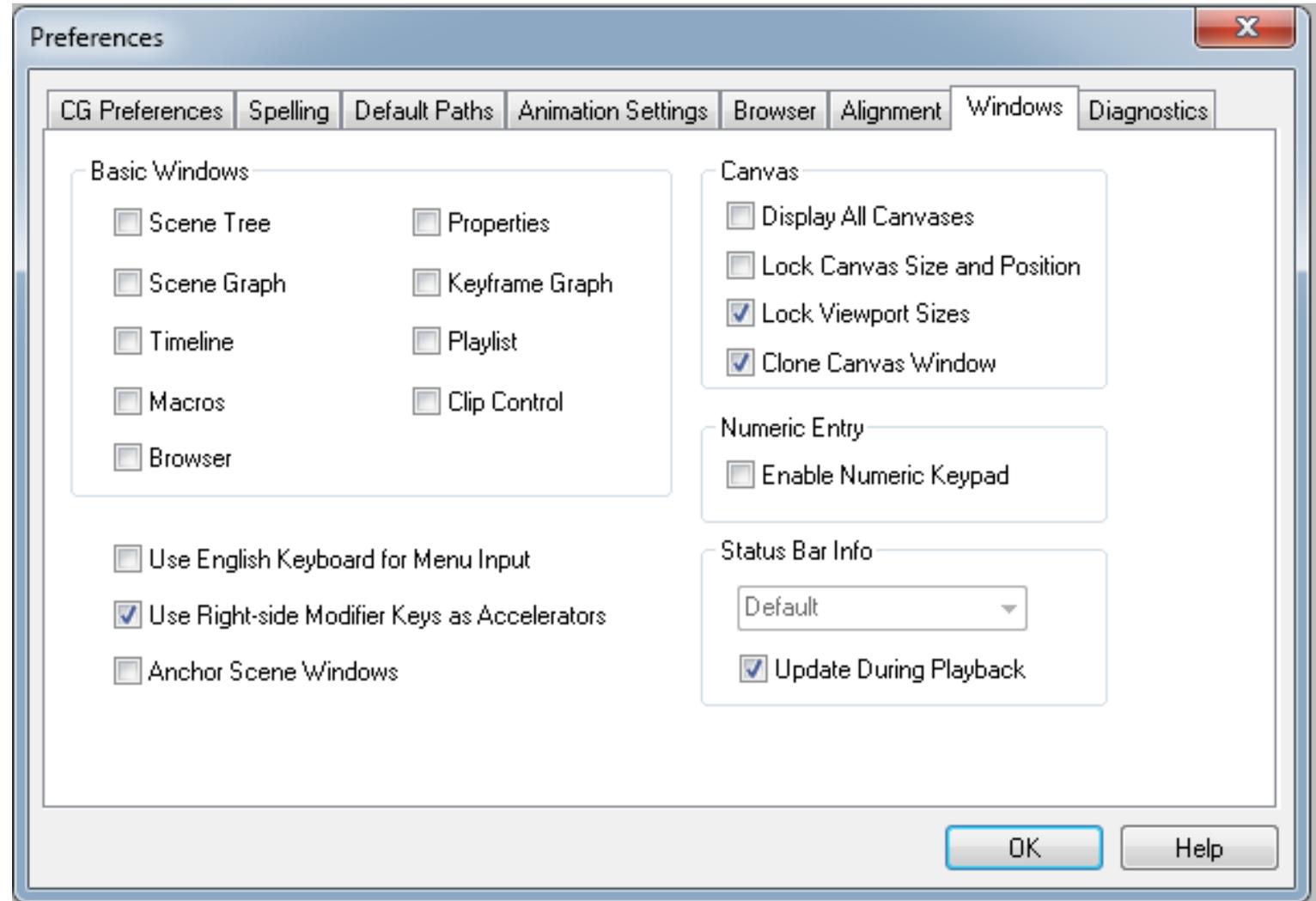
Make sure your first monitor is set to Primary as seen with the asterisk in the upper left number 1 window. If it is not, right-click on that window and select Set to Primary.



Launch Lyric 8.8 RU1 or above.

Click **Config** and select **Preferences**.

On the **Windows** tab, check **Clone Canvas Window**. (The Preferences dialog shown here emphasizes only the Clone Canvas checkbox. It is not intended to recommend changes to any of the other settings.)

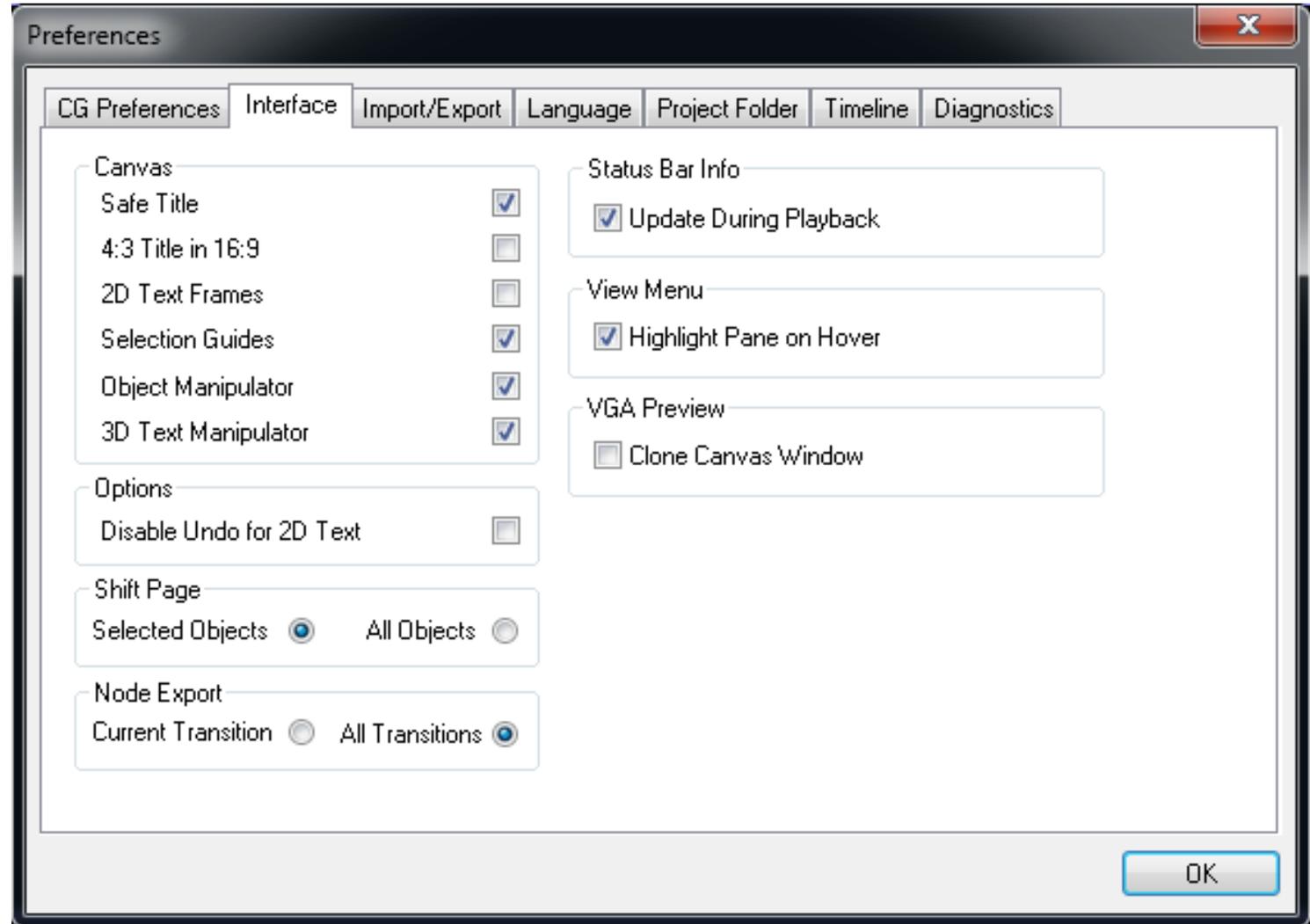


If you are using LyricX.

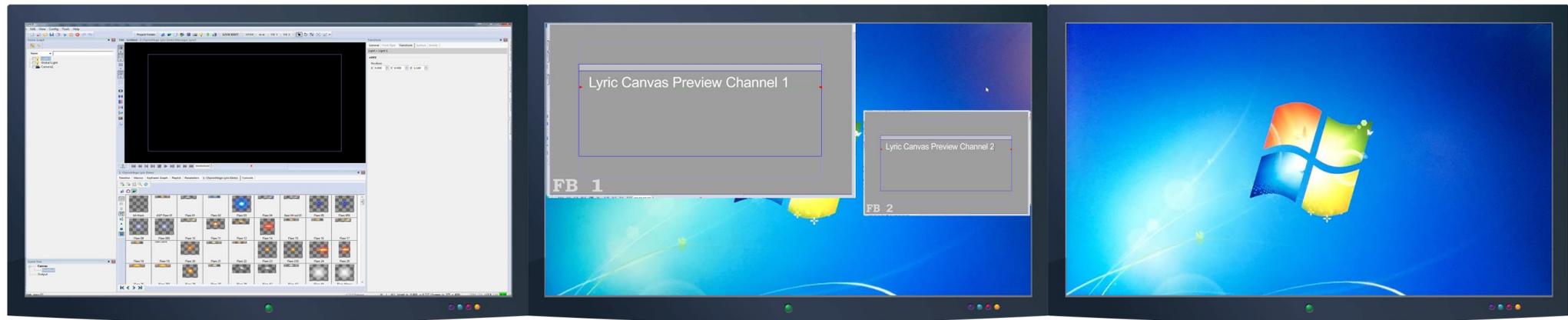
Click **Config** and select **Preferences**.

On the **Interface** tab, check **Clone Canvas Window**.

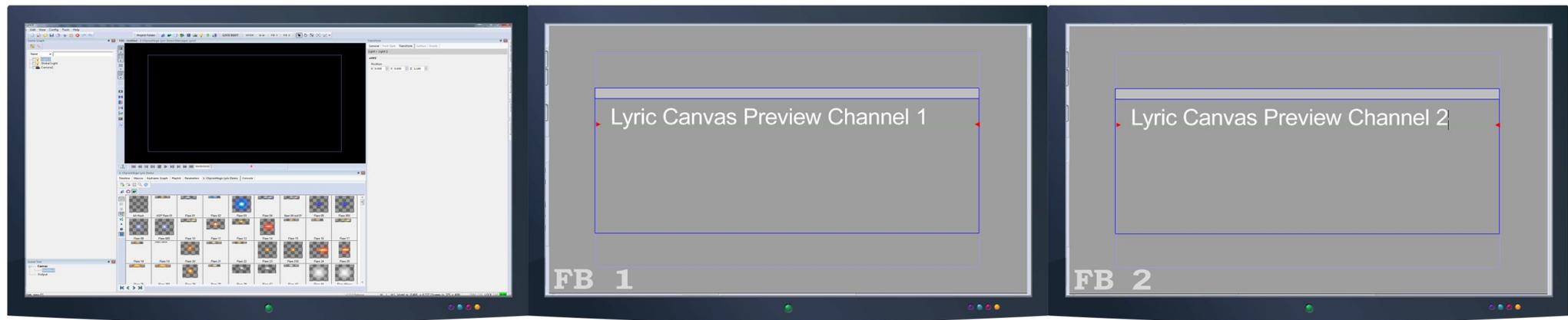
(The Preferences dialog shown here emphasizes only the Clone Canvas checkbox. It is not intended to recommend changes to any of the other settings.)



In both Lyric 8.8 RU1 and above and LyricX, you should now see duplicates of each preview channel of Lyric's canvas and the Lyric User Interface.

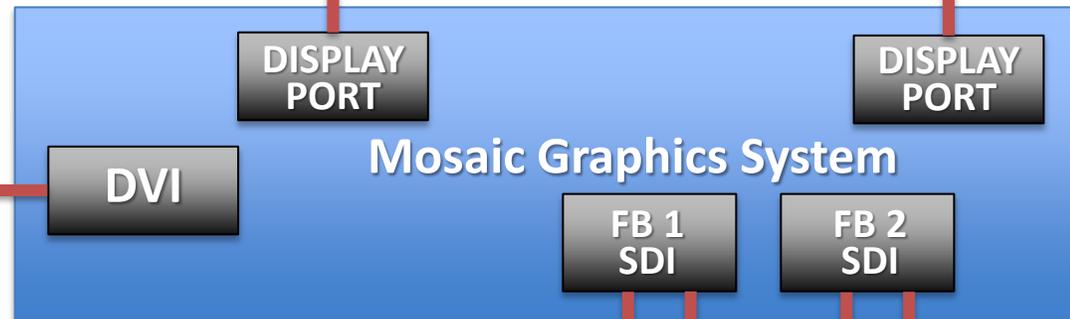
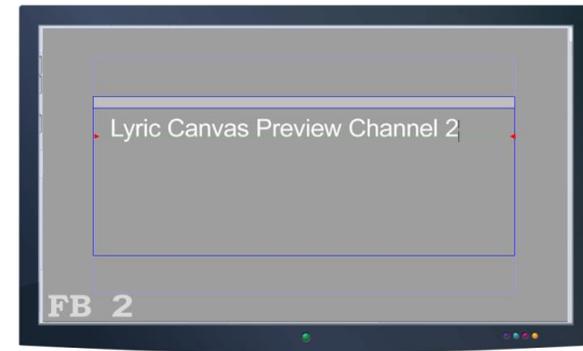
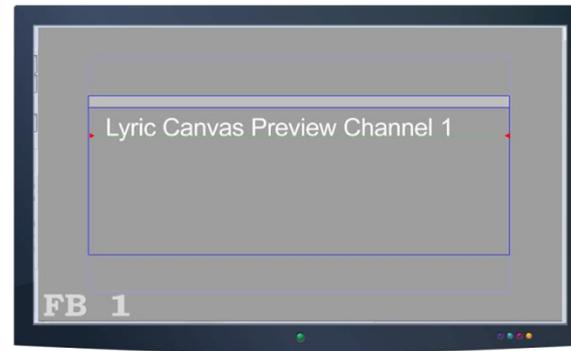
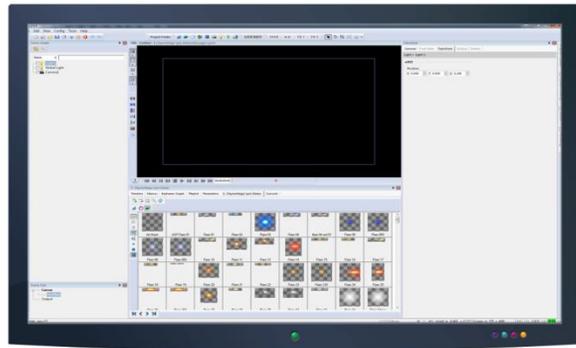


You can now move the displays to the proper monitors and resize them to suit your case.



Lyric Clone Canvas 3 Monitor Display With 2 Independent Preview Channels

Lyric User Interface



Fill

Key

Fill

Key



Production Switcher