How to setup 45" ultrawide 5K monitor to work as two QHD monitors.

Applies to following models: XCB4594DQSN-B1, GCB4580DQSN-B1

Introduction:

Thanks to the impressive 5K/DQHD (Double QHD) resolution on these monitors and the available MST (Multi-Stream Transport) function, it's possible to make a handy setup via USB-C: a 5K monitor will be recognised by the computer as **two separate QHD monitors with 0 pixels gap between them**.

There are several benefits in this setup:

1. You can easily drag and drop windows, folders and apps between two virtual QHD screens
2. With double click on top of a window it will expand to the left or right side of the screen, instead of taking over the whole 5K space in a full screen.

3. During Microsoft Teams calls, there is a common problem for all ultrawide monitors (21:9 or 32:9 aspect ratio): if the monitor is shared via Teams, all participants will see a stretched image with very small fonts, which is barely readable.

    In a setup with two QHD monitor, you can choose to share the left or right side of the screen, resulting in all participants getting a good looking 16:9 image with readable text.

    Here is the short video of how this setup is look like on XCB4594DQSN-B1 monitor:
    XCB4594DQSN-B1 with MST function ON.mov

Please follow the instructions for XCB4594DQSN-B1 and GCB4580DQSN-B1:

1. Make sure your PC/laptop is connected to the monitor using the supplied USB-C cable.

2. Press the joystick on the bottom of the screen to enter the OSD menu and select **Setup Menu 2 -> Memory Recall** to reset the screen to Factory default settings.
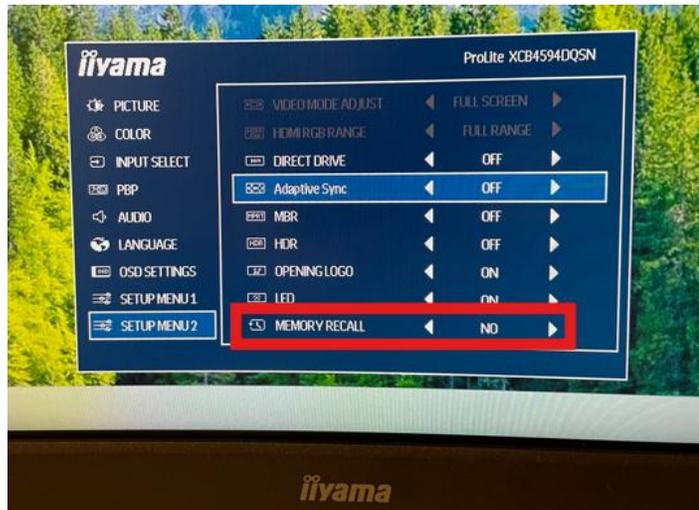
3. After the reset, go to OSD menu again and disable Adaptive Sync setting:
    Setup Menu 2 -> Adaptive Sync - OFF
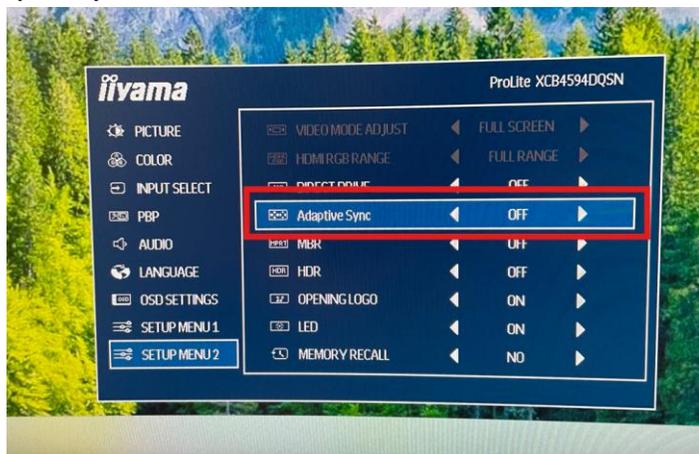
4. Go to OSD menu again and enable MST function:
Setup Menu 1 -> MST - ON
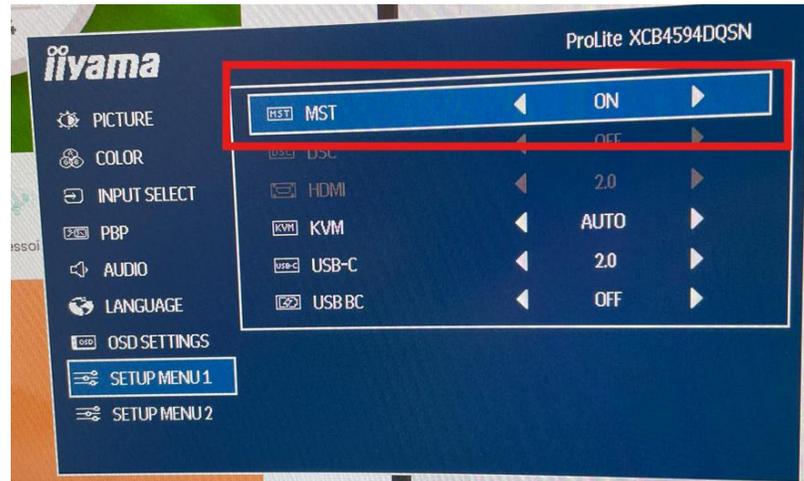
Note: In case the MST setting is greyed out and you can't enable it, please follow the steps 1-4 again.

5. Please check in Windows Display Settings if 2 separate displays are detected (3 displays in case of use a laptop instead of a PC). Use "**Extend desktop to this display**" settings.
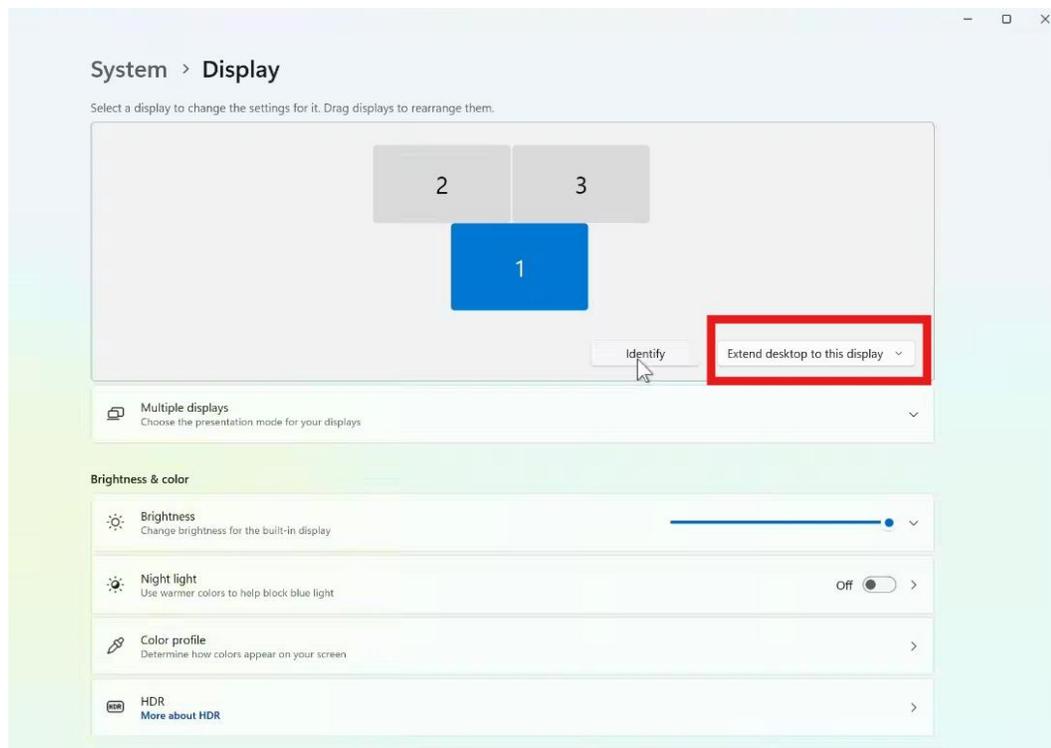
6. In the same menu, press **Identify** button and drag and drop displays to get a setup like on the photo below:
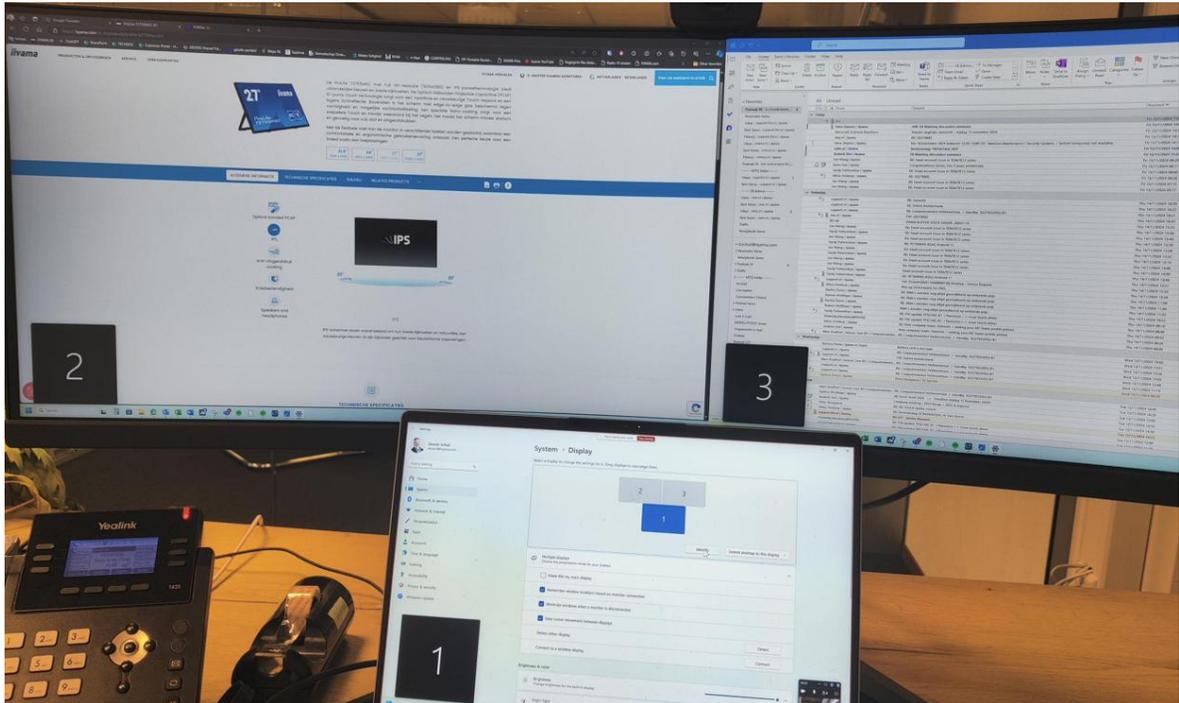
And that's it, the configuration with two QHD displays is set.

If you would like to get back to the original (single) 5K screen setup, simply **disable the MST function** in OSD menu of the screen.