

Yo here are my steps on unlocking 120hz on your monitor using the [Hdfury - Dr.hdmi](#)
warning if you aren't tech savvy good luck [Donate](#) :)

Notes

Please make sure your monitor has the ability to push out 120hz via HDMI. If your monitor is locked at 60hz via HDMI. You may need an HDMI to DisplayPort adapter, only if your monitor pushes higher hz on DisplayPort.

Working Adapters

- <https://www.amazon.com/dp/B0787F4QZZ?pldnSite=1>
- <https://www.amazon.co.uk/DisplayPort-Benfei-Adapter-Resolution-Compatible/dp/B08FCHQXSQ>
- Big thanks to <https://www.reddit.com/user/PugnaVenatusTechnica/> to read more about this read this [Post](#)

Requirements

1. 2 high speed hdmi cables
 - **Displayport adapter users Only:** 1 high speed HDMI cable and 1 DisplayPort Cable
2. [Dr.hdmi](#) - Emulator
3. Windows PC or laptop (if you are a mac user bootcamp will work)
4. Monitor that supports 120hz or higher

****To view more user confirmed monitors using dr.hdmi scroll down the document****

Software installs

Visit <https://hdfury.com/product/dr-hdmi/> and under download select
"Dr HDMI FW Update & EDID Utility (PC Windows Software)"

I did not need to install any drivers my computer was able to install drivers automatically if you want to install drivers manually feel free to install Silabs Driver

Steps

1. Plug in Dr.hdmi device to computer using usb.
2. Plug Monitor to pc using HDMI *If you are a user using a displayport adapter please use hdmi for these steps*
3. As I mentioned above I went ahead and downloaded Dr HDMI FW Update & EDID Utility (PC Windows Software). The zip file will contain two folders 3.9.2 & 4.0.0 I went ahead and selected driver 3.9.2 just because it is suggested that you proceed with software from driver 3.9.2 directory if windows update drivers automatically.
4. Once you are in the selected folder (Dr.HDMI_v2.1 [Driver 3.9.2]) go ahead and click on DrHDMI_Update_v2.1 Once u clicked on this a small window will appear. Click on

update > update firmware. From there you should see "Firmware update ok, You must power cycle your unit". Once you get that message go ahead and disconnect/reconnect Hdfury

- a. If you receive "not connected" go ahead and restart computer if that doesn't work you may need to install drivers manually scroll down to end of doc "not connected"
5. go back to the driver folder and select EDIDutil_v1.0 (don't do anything u should see blank box with current Eid selected)
6. Now we need to install another tool called Monitor Asset Manager 2.9 - <https://www.entechtaiwan.com/util/moninfo.shtm> once you download this tool we need to pull current monitor EDID using the software. To do this open up "Monitor Asset Manager" and simply click on your monitor name on the top left corner(Display IDs) it should say something like [xxxx real-time] **(if you are using a laptop make sure you select your monitor Display ID and not your laptop display)**. Under asset Information look for 'CE video identifiers' look for "120hz" if you see this under "CE video identifies" you don't need an emulator because the ps5 will recognize this. If you don't see any identifiers with "1920x1080 at 120" don't worry we're going to make one using this guide.
7. Still In "Monitor Asset Manager" we need to save the monitor EDID click file> save as and place it somewhere on your desktop.
8. We need another tool that allows us to manipulate the edid information im using a program called "[aw edid](#)". Once downloaded & installed open the program, and open the file you saved to your desktop by clicking file>open
9. Next you will see a whole lotta stuff... I went through every option and figured out what you need to change i got you fam.
10. Click on the CEA Extension tab. Here we are going to rewrite all of the "CE video identifiers" that we saw earlier.
 - a. "If you don't see this option please scroll down to "CE video"
11. In the "Instanciated Blocks" click on Video from there you will see a "video descriptor" box appear go ahead and remove all that crap in there by clicking the "-" button
12. The box should now be clear, go ahead and add two fields 1920x1080p 60hz 16:9 and 1920x1080p 120hz 16:9 make sure native is only selected on the 120hz.
13. Go ahead and click on "file" on the toolbar and save as. Make sure you save it somewhere you can recall.
14. Now we will double check our edid to do this, navigate to the "Monitor Asset Manager" program and open up the new EDID you just saved
15. Now if you scroll down the Asset Information you should see a new list of presets for CE video identifiers that we just created. :)
16. Next go back to the EDIDutil_v1.0 which i told you not to touch earlier
17. In the EDIDutil_v1.0 in the drop down either select custom edid 6 or 7 doesn't matter
18. Click on load from file and select the latest EDID you just saved
19. Click write EDID
20. Safely disconnect Dr.hDMI and connect to ps5, input ps5... output monitor. switch dr.hDMI to whichever saved custom edid 6 or 7 (Make sure PS5 is set to performance mode)

21. For user who have monitors capped at 60hz via hdmi and have an adapter
 - a. Connect DisplayPort adapter to monitor using DisplayPort cord.
 - b. Connect DisplayPort adapter power supply to monitor(usb)
 - c. Connect Displayport adapter HDMI to Dr.hdmi output side.
 - d. Grab HDMI cable, and connect Dr.hdmi input side to PS5
 - e. On your monitor change input to display port and switch dr.hdmi to whichever us saved custom edid 6 or 7
22. Enjoy. Uh yah i should probably make a video

“Not Connected”

1. connect dr hdmi via usb back of pc
2. open up control panel (view by: large icons) and click device manager
3. In device manager look for Universal Serial Bus Controller > USBXpress Device.. you should see a list full of devices look for a device called "USBXpress Device" - this is the HDMI DOCTOR if you don't see this try plugging in device in another port
4. right click on the USBXpress Device and click update driver
5. I recommend selecting the first option search automatically for updated driver software.. but if this doesn't work select second option and continue steps

second option**

1. make sure you downloaded Saolabs Driver and place unzipped folder onto your desktop
 2. click on browse and select the solabs drive folder and make sure you select include subfolders and click next
 3. once driver is downloaded pc should recognize device
- or open up Silabs_Driver 4.0 or 3.9 depending on your os and navigate to the folder that has USBXpressInstaller and run this. *ps disable any antivirus programs worth a shot

CE video

You are here because in step 10 you don't "CEA Extension tab". In your case the tab doesn't exist.

1. once you are on step 10 click "CEA-861-F" here is a image of what im talking about [click to see image](#)
2. once you click on that you will see a CEA Extension tab automatically be created that says "No block selected"
3. on the left column you will see "CEA-861-F Version" make sure it set to 3
4. under "Monitor Support" choose the support that fits your monitor if you don't know select all of them. (UnderScan, Basic, etc.)
5. Native DTD set to 1
6. in "Block types" click "Video" and click on the + button
7. in the "Instanciated blocks" click on Video

8. in the right column in video description click the + button and continue onto step 12 above

No Audio Issue

Thanks to [Mosh00670](#) follow his steps below:

“Selected predefined option 2 (1080p 60hz no 3D) on HDFury while connected to the monitor and PS5 which displayed fine and audio worked. I then pressed the sync button which copies info from current display setting into option 8. I then connected HDFury back onto the laptop and pulled off the EDID config file from option 8 and added the 120hz block (didn't remove any blocks either) and copied that into a custom option 7.”

Confirmed working monitors

1. MSI Optix MAG27CQ
2. lg 34uc79g-b
3. Asus ROG strix XG27VQ
4. Asus VG27AQ
5. alienware aw2521hf
6. Asus Vg248qg
7. aoc g2460pf
8. Benq XL2720Z with dr.hDMI and [uk displayport adapter](#) or [HDMI to DisplayPort converter adapter](#)
9. BENQ xl2720 with dr.hDMI and [uk displayport adapter](#) or [HDMI to DisplayPort converter adapter](#)
10. MSI Optix MAG27CQ
11. acer xfa240
12. aoc 2460pf
13. 25mx hp
14. asus vg27qv
15. ASUS VG278QR
16. Asus vg278qf
17. samsung lc27jg52qquxen
18. msi optix ag32cq
19. Asus VG279Q
20. lenovo g25-10
21. Viotek GFT27CXB
22. BenQ Zowie XL2731
23. Mag321cqr

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