

### Sample settings for 4K UHD sources when using 4KVM

Find below sample settings for two recommended 4K UHD sources when using 4KVM.

#### OPPO UDP-203

##### Video Output Setup - Picture Adjustment

- Custom Resolution: UHD Auto
- Color Space: Auto
- Color Depth: Auto
- TV Aspect Ratio: 16:9 Wide / Auto
- 3D Setting
- DVD 24p Conversion: Off
- De-interlacing Mode: Auto

#### Panasonic DMP-UB900

Note: connect directly to the display for setup before connecting to and using 4KVM.

- Video format: 4K
  - 4K (50p/60p) Output:
    - Setting video format to 4K should automatically set this option to "4K(50p/60p) output to 4:2:0" if display supports 4K 4:2:0
    - If this setting is NOT automatically set to 4:2:0, check display manual to confirm 4K 4:2:0 is supported and if it is, set to "4K(50p/60p) 4:2:0"
    - If 4K 4:2:0 is not supported by the display, set this option to "Off"Note: setting this option to "Off" disables 4K output in 50/60Hz framerate. Some services (eg. Netflix) may require 60Hz output and therefore will downscale video to 1080p format if 4K 60Hz output is not available.
  - 24p Output: Automatic
  - HDMI (VIDEO) Output Mode: Automatic
  - HDMI (AUDIO) Output Mode: Audio Only
- Note: If NOT set to "Audio Only", 4K output may not be available from either outputs of the player
- Advanced settings
    - Colour mode: YcbCr (Automatic)
      - Player selects 4:4:4: or 4:2:2 automatically based on sink capabilities
      - Player may prioritize 4:2:2 with UHD 4K discs
    - Deep Colour Output: Automatic
    - High Dynamic Range Output: Off
    - Contents Type Flag: Automatic
    - Audio Output: On
    - 7.1ch Audio Reformatting: Automatic

#### Notes:

- Samsung players: 4KVM will not be able to consistently provide 4K with Samsung players, as they currently do not allow for turning off HDR, resulting in HD only playback.
- Netflix 4K UHD streaming requires HDCP 2.2 and it does not allow downgrading to HDCP 1.4. So, while 4KVM is HDCP 2.2 compliant, Netflix will not work on HDCP 1.4 inputs, including HDCP 1.4 only TVs that might be used with 4KVM.

