



4K30 4x2 HDMI Multi-Viewer User's Guide



P/N: QuadView4K-Dual

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Important Safety Notices

Please read safety instructions carefully before installation and operation.

- Please pay close attention to all warnings and hints for this device
- Do not expose this unit to rain, heavy moisture, or liquid
- Do not put any items into the device or attempt to modify its operation
- Do not repair the device or open the enclosure without professional guidance to avoid electric shocks. Doing so may void your warranty
- Keep the product in a well-ventilated location to avoid damage from overheating
- Shut off power and make sure environment is safe before installation
- Do not plug the HDMI cables in/out when the device is in use to avoid cable damage. Make sure they are plugged into the correct ports
- Use the included power adapter only. Make sure the specification matches if using 3rd-party DC power adapters

Introduction

The 4K30 4x2 HDMI Multi-Viewer allows you to view four HDMI source devices on 2 HDMI displays.

Features

- Output A: Supports Quad, Dual, PIP, and Single/ Full screen modes
- Output B: Can replicate Output A or display any of the 4 sources in Single/Full screen mode
- Seamless switching: Output A (all modes); Output B (when mirrored with Output A)
- Input resolutions: Supported 4K @30Hz, 1080p, 720p. HDCP 1.4/1.3 compatible
- Output resolutions: Output A (scales to 4K @30Hz, 1600p, or 1080p); Output B (passthrough from the source)
- Control methods: Remote control and front panel button
- Supports audio extraction (5.1ch SPDIF & 2.0ch Stereo) following Output A

Package Contents

- 4K30 4x2 HDMI Multi-Viewer
- Power adapter (5V/1A)
- Remote control with battery (CR2025)
- User guide

Installation Requirements

1. HDMI source devices (DVD player, set top box, PC, etc.)
2. HDMI display devices (SDTV/Monitor, HDTV/ Monitor, projector, etc.)

Product Layout

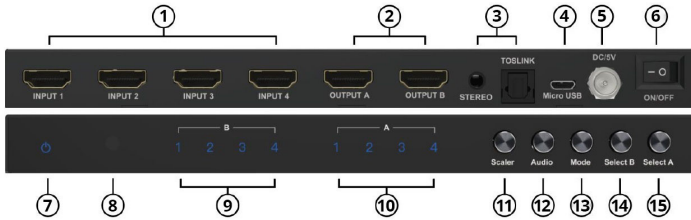


Figure 1: 4K30 Multi-Viewer Layout

1. HDMI Inputs (1-4): Connect to your HDMI sources using HDMI cables (HDMI cables not included)
2. HDMI Out (A-B): Connects to your HDMI displays using HDMI cables (HDMI cables not included)
3. Audio Outputs:
Stereo Out: 3.5mm Stereo audio jack
Toslink: Digital audio output
4. Micro USB: Firmware update port
5. Power Jack: Connect to the included power adapter
6. Power Switch: Turns On/Off the Multi-Viewer
7. Power LED: On (blue) when the unit is powered on. Red color when unit is in Standby mode
8. IR Window: Receives IR signals from the included remote control
9. HDMI Out B (1-4) LED: Indicates the source device selected
10. HDMI Out A (1-4) LED: Indicates the source device selected
11. Scaler: Press to select 4K @30Hz, 1080p @60Hz, and 2K (2560x1600p @60Hz) output resolution - see page 5 for more information
12. Audio: Press to select the audio mode - see page 5 for more information

Product Layout Continued

13. Mode Button: Press to select the video output mode
- see page 5 for more information
14. Select B: Press to change the source device (1-4)
15. Select A: Press to change the source device (1-4)

Device Control

Front Panel Buttons

Mode Button

There are four main modes: Dual Side/Side, Dual Up/Down, 1 Large/3 Small, Quad. Press the Mode button to cycle through the video modes in order.

Scaler Button

Press the Scaler button to select the output resolution in order: 4K @30Hz, 1080p @60Hz, and 2K (2560x1600 @60Hz)

Audio Button

Press the Audio button to select the corresponding audio from Input 1-4. Press and hold down for 5 seconds to change the audio mode between 2ch and 5.1ch audio

Select A/Select B Button

Press to select the source device in order from Input 1-4.
Note: When in Dual/PIP/Quad view mode, press the Select Button to return to single screen mode

Remote Control Layout

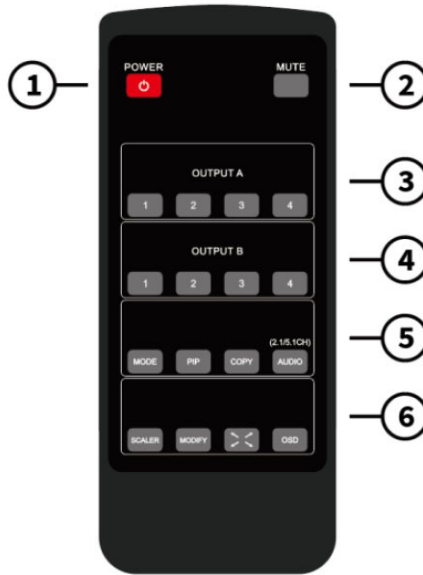


Figure 3: Remote Control

1. Power: Press to place the unit into Standby mode. Press again to resume from Standby mode
2. Mute: Press to select audio mode, in order - Mute, 2.0 ch, 5.1 ch
3. Output A (1-4): Press to select the source device (1-4) to display on Output A
4. Output B (1-4): Press to select the source device (1-4) to display on Output B
5. Mode: Press to select the display mode (for Output A) in order: 2x2 four equal; In 1/In 2 left/right; In 1/In 2 up/down; One big/three small up/down
PIP: Press to select Picture in Picture mode. Press again to change the small screen's location

Copy: Press to mirror the content of Output A to Output B. **Note:** If "Invalid Format" shows on Output B's monitor, press the Scaler button to change the resolution

Audio: Quick press to select the audio from source device (Input 1-4) in order. Press and hold down for 5 sec to change between 2.1ch and 5.1ch mode

6. Scaler: Press to select 1080p/2560x1600p/4K@30Hz
Modify: Function button to change the different source device combinations
Full Screen: Press to select full screen mode
OSD: Press to show OSD menu, 3 sec auto-off

Remote Control Special Functions

Special function commands apply to Output A keys only. When in Copy mode, Output B is mirroring Output A. **Note:** The special function will terminate if each succeeding key press is not completed within 5 seconds.

2x2 Video Mode

Press the Mode key 1 time. The default display orientation is shown below.

| | |
|-----|-----|
| IN1 | IN2 |
| IN3 | IN4 |

Example: To select Input 2 as the first screen - Press the Modify button, then press number key 2 (Output A).

| | |
|-----|-----|
| IN2 | IN1 |
| IN4 | IN3 |

Left/Right Video Mode

Press the Mode key 2 times, The default orientation is shown below.



Example: To change the display orientation Input 2 (left) and Input 3 (right) - Press Modify button, then press number key 2 (Output A) + number key 3 (Output A).

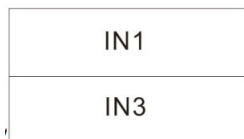


Up/Down Video Mode

Press the Mode key 3 times. The default orientation is shown below.



Example: To change the display orientation Input 1 (up) and Input 3 (down) - Press Modify button, then press number key 1 (Output A) + number key 3 (Output A).

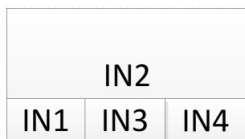


1 Big & 3 Small Video Mode

Press the Mode key 4 times. The default orientation is shown below.



Example: To change the display orientation Input 2 (big) - Press Modify button, then press number key 2 (Output A).



PIP Video Mode

Press the PIP key. The default orientation is shown below.



Example: To change the display orientation Input 2 (big) and Input 3 (small) - Press Modify button, then press number key 2 (Output A) + number key 3 (Output A).



Hardware Installation

1. Power off all devices including your HDMI source(s) and HDMI display(s).
2. Connect your HDMI source device(s) to the HDMI In connectors with HDMI cables (HDMI cables not included).
3. Connect your HDMI display(s) to the HDMI Out connectors with HDMI cables (HDMI cables not included).
4. Plug the included power adapter into the Multi-Viewer's power jack, then plug the power adapter into a reliable power outlet.
5. Power on all devices.
6. The Multi-Viewer is ready for use.

Connection Diagram

The diagram shows the typical devices used with the Multi-Viewer.

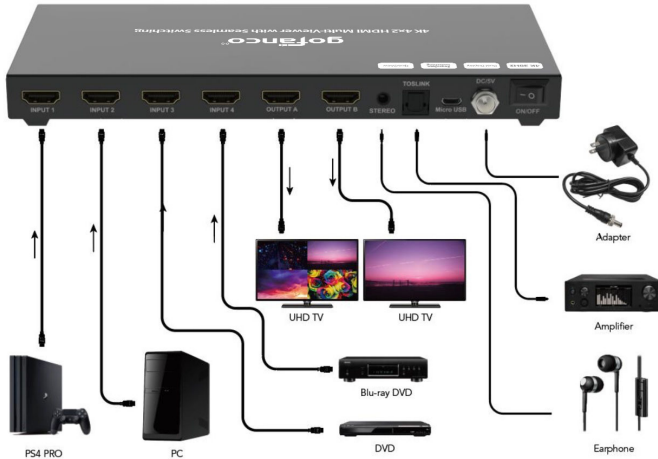


Figure 2: Connection Diagram

Specifications

| | |
|---|--|
| Inputs | HDMI x4 |
| Outputs | HDMI x2, 3.5mm Stereo x1, Toslink (SPDIF) x1 |
| Frequency Range | 24/25/30/50/60Hz |
| Bandwidth | 10.2Gbps |
| Interlaced Resolution (50/60Hz) | 480i, 576i, 1080i |
| Progressive Resolution (50/60Hz) | 480p, 576p, 720p, 1080p, 4K @24/24/30 |
| Operating Temperature | 32 to 158 F (0 to 70 C) |
| Storage Humidity | 5% to 90% RH non-condensing |
| Power Adapter | DV5V /1A |
| Power Consumption | 2W (max) |
| Dimensions (LxWxH) | 8.5"x3.5"x0.71" (215x90x18mm) |
| Weight | 0.95 lbs(450g) |

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