



QU-2-4K22

1 to 2 Full 4K HDMI Distribution Amplifier



The QU-2-4K22 Distribution Amplifier (splitter) accepts one HDMI input and splits this signal to two identical outputs. This device supports 4K2K Ultra-High Definition video with HDMI2.0 and HDCP2.2 compliance. In addition, 3D Video signals and High Definition Audio formats such as LPCM 7.1CH, Dolby TrueHD, Dolby Digital Plus, Dolby Atmos and DTS-HD Master Audio, audio sampling rate up to 192kHz are also supported.

When a mixture of displays with different specifications and resolutions are connected, each output can automatically scale 4K to 1080p or apply colour space conversion (4:4:4 to 4:2:0), as appropriate, based on each connected display's EDID requirements. CEC "active source" command can be enabled to periodically reset input selection on CEC compatible connected displays. This unit is controlled via front-panel switches with easy to read status LEDs.

PANELS

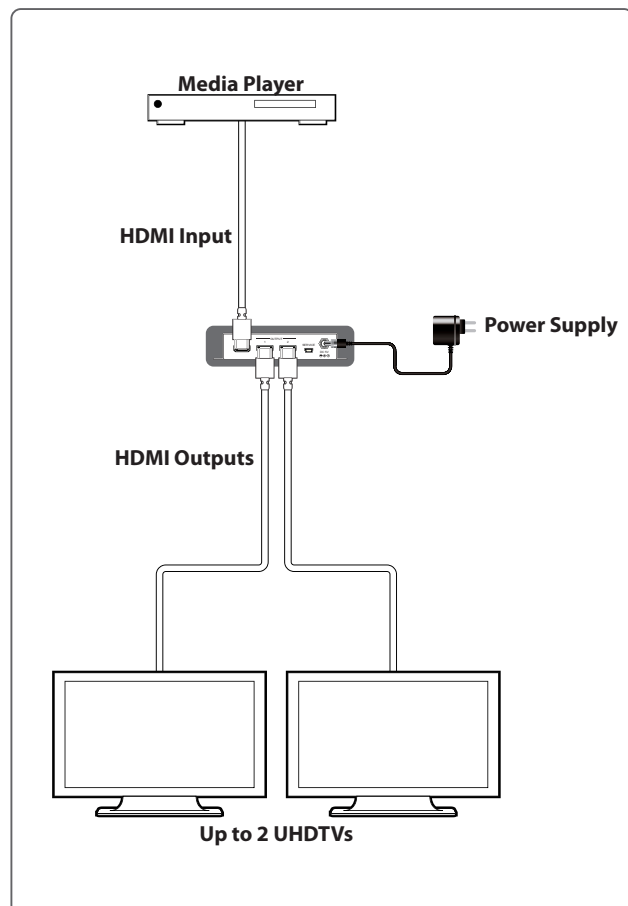


Front View



Rear View

DIAGRAM



FEATURES

- HDMI 2.0, HDCP 2.2 and DVI compliant
- HDMI 1 to 2 splitter
- Supports UHDTV resolutions up to 4K2K: 3840×2160@24/25/30/50/60Hz & 4096×2160 @24/25/30/60Hz
- Supports passthrough of high definition audio: LPCM 2/5.1/7.1CH, Dolby Digital 2/5.1CH, DTS 2/5.1CH, Dolby TrueHD, DTS-HD Master Audio & Dolby Atmos
- Supports System Reset function (CEC active source command) allows the unit to reset the TV to its default HDMI input automatically
- HDMI input supports 'Standard' mode and 'TV' mode EDID settings
- Input and output status are indicated on the front panel
- HDMI with HDR 6G (HDR10/Dolby Vision support), 3D & 4K@60Hz support, DVI 1.0 compatible
- Supports current 10-bit and 12-bit HDR (High Dynamic Range) formats
- Automatic 4K to 1080p down-scaling and colour space conversion (4:4:4 to 4:2:0) for each independent output based on each connected display's EDID
- Independent HDCP management engine for each output ensures stable HDCP performance
- Controlled via front-panel switches

SPECIFICATIONS

Interfaces

Input Port	1 HDMI (Type-A)
Output Port	2 HDMI (Type-A)
Service Port	USB (Mini B)

Video

HDMI Compliance	HDMI 2.0 (DVI 1.0)
HDCP Compliance	2.2
Input Signal Type	4K@60 8bit YUV 4:4:4, HDR 12
Output Signal Type	4K@60 8bit YUV 4:4:4, HDR 12

Resolutions

Maximum Input	HDMI	4096×2160p@60
Maximum Output	HDMI	4096×2160p@60

Audio

Digital Format	HDMI LPCM(8 Channels), Bitstream, HD Bitstream
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Power

Power Supply	5V/1.2A DC
Power Consumption	2.2W

Enclosure

Chassis Material	Metal
Chassis Colour	Black
Dimensions (W×H×D)	128mm×25mm×108mm [Case Only] 128mm×30mm×117mm [All Inclusive]
Weight	358g

Field Firmware Update

PC

ORDERING INFORMATION

Model No.	Product Description
QU-2-4K22	1 to 2 Full 4K HDMI Distribution Amplifier