



UHD460 4K Distribution Amp

Commercial-Grade



One Platform, Endless Possibilities

An Ecosystem of products specifically designed for professionals.



Commercial-Grade

With durable construction and ultra-sleek design, CE Labs splitters are perfect for any project that requires 24/7 performance.



CE PROLink™

CE Labs PROLink™ Series creates a fully connected PROAV ecosystem. Easily connect, control, and manage your entire network.



3 Year Warranty

CE Labs products are built for professionals. All products come with a 3-year warranty and superior customer support.

PRODUCT OVERVIEW

The UHD460 is a 1x4 HDMI splitter that supports UHD 4K60 quality. CE Labs' commercial-grade HDMI Distribution amplifiers/splitters give flawless 4k60 performance and are packed with enterprise-class capabilities. Our unique technology is geared for ultra-high-definition video delivery to large retail television and point-of-purchase (POP) displays. The UHD460 features industry-leading 4K UHD technology and is tailored to fully support true HDR10+ at 18 Gigabits per second, with auto-detected downscaling.

The UHD460 is ideal for any professional AV system that requires continuous operation and true commercial-grade performance.

FEATURES

Superior cascading and ultra 4K60 18Gb distribution.

Auto-detect downscaling.

Patented cable retention system.

SPECIFICATIONS

MODEL: UHD460

FEATURES

- Ultra-High Definition Distribution Amplifier / Scaler
- HDMI 2.0a, HDCP 2.2, and DVI compliant
- Compatible with HDR Sources and TVs
- 1080P downscaler on every output for backwards compatibility
- 18Gb/S / 600MHz Bandwidth / 4Kx2K @ 60 Hz Full color
- 4Kx2K @60Hz, 8bit 4:4:4 color with scrambling is supported
- Deep Color Compatible on resolutions <600MHz
- EDID copy and multi-presets
- Cascadable for retail video wall displays (up to 10 times)
- Integrated Cable retention bracket (CE labs® patented)
- Firmware update port
- Hardware Version: Rev. D
- 1 Input 4 Outputs

VIDEO

- HDMI 1.4a, 2.0a
- HDCP1.4, or 2.2
- HDR Info Frame control is supported
- CEC messages from Input to all Outputs
- Color Space: Compliant with BT.601, 709, 2020 (non-const.), RGB Full, RGB Limited
- Maximum Pixel Clock: 600MHz
- 1080P Downscale Available on any output port
- 720P downscale is not supported
- EDID Management – 2 Dip Switches, 4 different settings
- HDMI cable 1ft-15ft (5m) for 1080P and 4Kx2K 30 / 60(4:2:0)
- HDMI cable 1ft-9ft (3m) for 4Kx2K 60 full color

RESOLUTION

- 3840x2160, 60Hz, YCbCr4:4:4 - 8Bit only
- 3840x2160, 60Hz, YCbCr4:2:2 - 8Bit only
- 3840x2160, 60Hz, YCbCr4:2:0 - 8, 10, or 12Bit
- 3840x2160, 30Hz, YCbCr4:4:4 - 8, 10, or 12Bit
- 1920x1080, 60Hz, YCbCr, 4:4:4 - 8, 10, or 12Bit
- 1280x720, 60Hz, YCbCr, 4:4:4 - 8, 10, 12 or 16 Bit
- RGB Full and RGB Limited are also supported

I/O PORTS

- 5 x HDMI type A
- 2.5mm X 5.5mm female locking connector jack
- 2 pin DIP switch
- 1 push buttons
- 7 LED Red / Green
- USB type B connector

AUDIO

- Format: LPCM, Dolby, Dolby Digital +, DTS, DTS-HD
- Channels: 8
- Sample Frequencies: 192, 176, 96, 88, 48, 44.1, 32
- Sample Bit: 16, 20, & 24

POWER SUPPLY

- Wall transformer: 100-240V 50/60 to 12VDC/ 1A
- Screw on Locking plug 205mm x 5.5mm connector
- Efficiency Level VI

ACCESSORIES

- 1 Power Adapter 100-240 VAC - 12Vdc 1.0Amp 2.5mm
- 1 Quick Start Guide
- 5 Tie Wraps
- 4 Mounting feet

MISCELLANEOUS

- Dimensions (H) 1" x (W) 6.7" x (D) 6.9"
- Weight 1.3 lbs.
- Operating Temp & Humidity 0-55°C, 95% Max Rel. Humidity
- Integrated Mounting Brackets
- Low Profile Design
- Rugged (Industrial) Powder coated steel chassis

WARRANTY: *3 year warranty, parts and labor.

Learn more about CE Labs at www.celabs.com.

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