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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