



This 4K UHD HDMI to HDMI Enhancer with 5V Power Injection is an advanced solution for HDMI signal extension and cascading. This unit is designed to enhance and stabilize high-bandwidth HDMI signals for cleaner transmission over long distances using multiple HDMI cables without the need for external power. 4K signals may be extended over distances up to 5M per cable segment with support for cascading up to 4 times. This unit is powered by the 5V that accompanies standard HDMI signals, however in situations where additional 5V power is required (such as when cascading) it can be added with the simple connection of an external USB power source.

This repeater complies with the advanced HDCP 2.2 and HDMI 2.0 standards, as well as supporting the legacy HDCP 1.x and HDMI 1.x standards. 4K UHD video sources, up to and including 4K@60Hz (4:4:4, 8-bit) as well as 10/12-bit sources with HDR are fully supported. Up to 8 channel LPCM digital audio as well as Bitstream and HD Bitstream audio formats are supported as well. All functionality is automatic, requiring no external controls.

PANELS

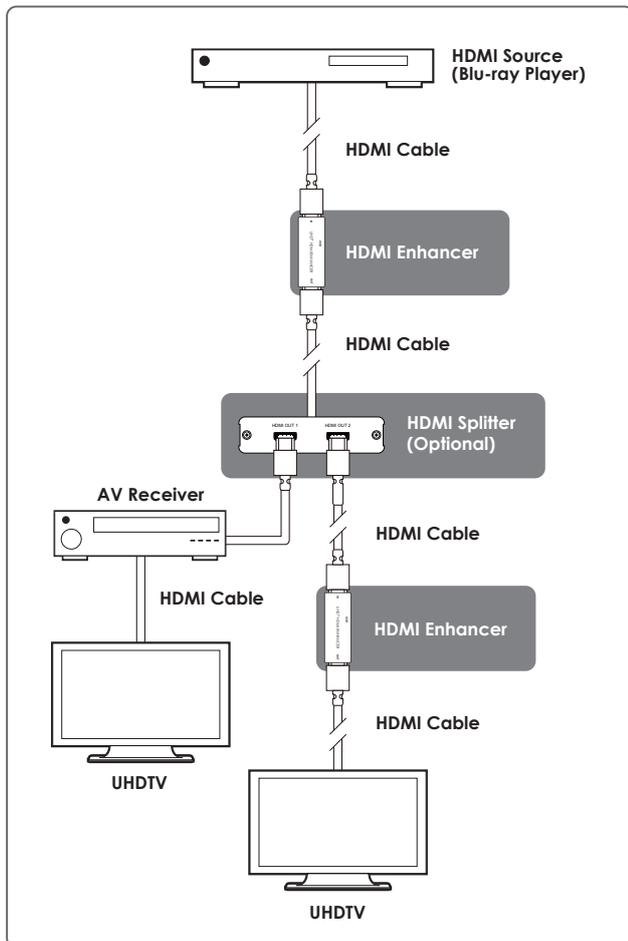


Front View



Rear View

DIAGRAM



FEATURES

- Retiming capability allows for clean regenerated signals for transmission.
- Supports USB 5V injector functions
- Supports pass-through of many audio formats including LPCM 2.0/5.1/7.1, Bitstream, and HD Bitstream
- Supports CEC/ARC bypass
- Cascading HDMI signal up to 7 layers with 9m Premium Cable (63 meters)
- Compact design

Note:

1. For devices that do not support power over cable and USB Power Injector can be used to the HDMI Enhancer.
2. HDMI cable tested with 28AWG, different source and different cable may cause in different result on cable distance and cascading layers.

SPECIFICATIONS

Interfaces	
Input Port	1 HDMI (Type-A)
Output Port	1 HDMI (Type-A)
USB Port	1 Micro USB (5V Injector)

Video	
HDMI Compliance	2.0
HDCP Compliance	2.2
Input Signal Type	4K@60 8-bit YUV 4:4:4, HDR 12
Output Signal Type	4K@60 8-bit YUV 4:4:4, HDR 12

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

Enclosure	
Chassis Material	Plastic (ABS)
Chassis Color	Black
Dimensions (W×H×D)	65 mm× 10 mm× 24 mm
Weight	15 g

ORDERING INFORMATION

Model No.	Product Description
CPLUS-VHH	UHD+ HDMI Enhancer