

USER MANUAL



1:2 HDMI Distribution Amp / Splitter DL-HD12-H2

PRODUCT OVERVIEW

The DigitalLinx Series is a family of extension, routing, and switching products designed to allow digital signals to extend beyond their limitations. Liberty's latest addition, DL-HD12-H2, is a 1:2 HDMI splitter with built scaling and reliably distributes one HDMI input signal to two outputs at resolutions up to 4K@60Hz 4:4:4 chroma subsampling. It follows HDCP 2.2 and HDMI 2.0b specifications, including supported data rates up to 18 Gbps, HDR (high dynamic range), 3D and HD lossless audio formats. With the built-in scaler, when connected to different displays, the corresponding HDMI output is capable of scaling down automatically (down to 1080P) to feed an optimal output signal to its attached display.

PACKAGE CONTENTS

- (1) HDMI 1:4 Splitter
- (1) DC-5V-1A Power Adapter
- (2) Mounting Brackets

PRODUCT VIEW

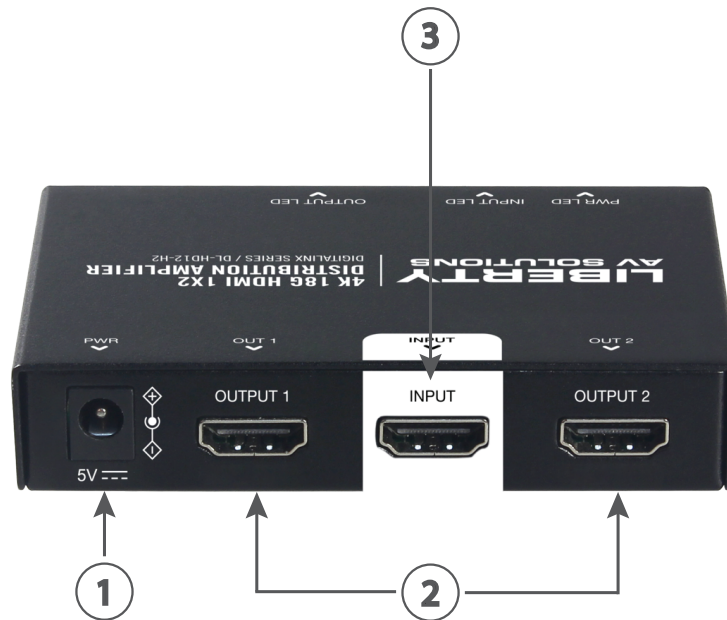
Front Panel



1. **Power LED:** When ON/OFF device is powered ON/OFF
2. **HDMI Input LED:** When ON, HDMI signal is detected, when OFF no HDMI signal is detected
3. **HDMI Output LED:** When ON HDMI display is connected, When OFF no HDMI display is connected

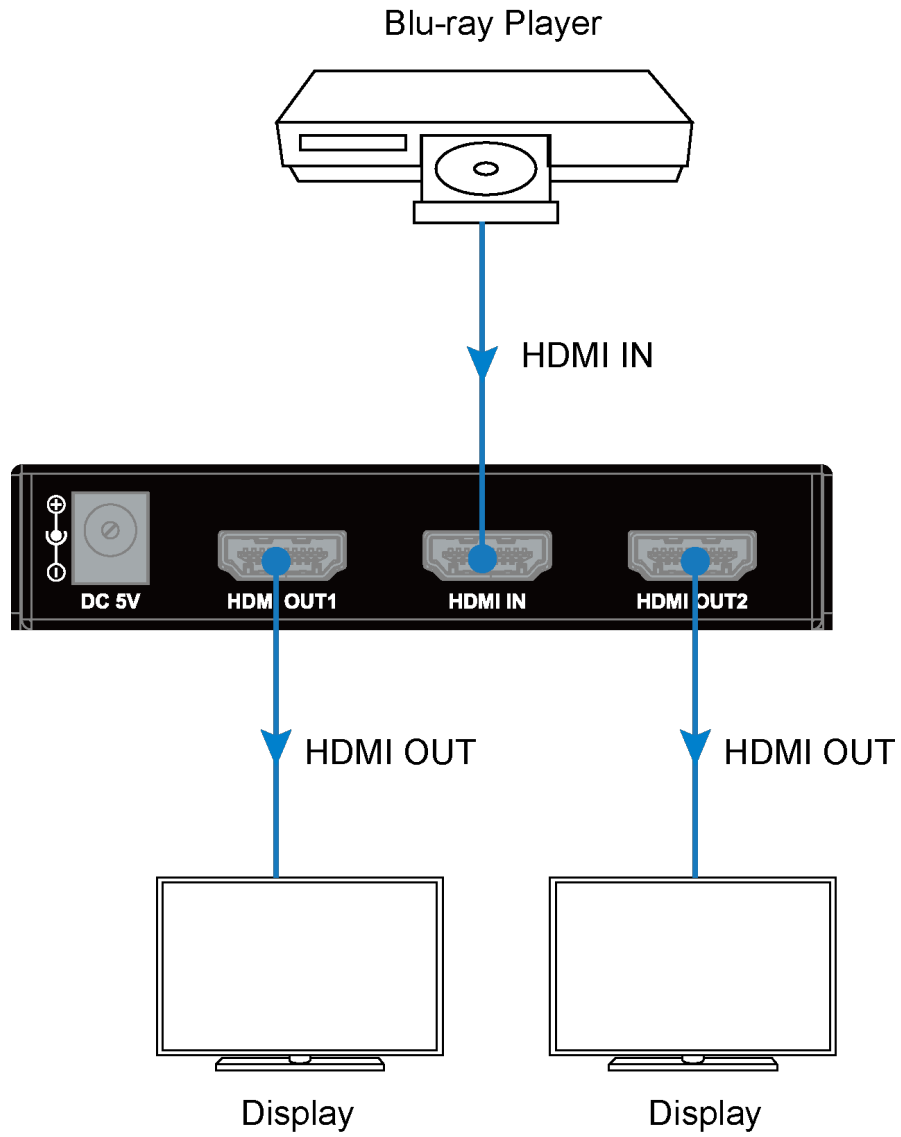
PRODUCT VIEW

Rear Panel



1. **5V:** Power adapter connection
2. **HDMI OUTPUT:** Connect HDMI displays using High Speed HDMI cables
3. **HDMI INPUT:** Connect HDMI input using High Speed HDMI cable

APPLICATION EXAMPLE



TECHNICAL SPECIFICATIONS

Video	
Input / Output Signal Type	HDMI with 4K@60Hz 4:4:4, HDCP 2.2, HDR, 3D
Input / Output Resolution Support	Up to 4096x2160@60Hz, including 4K@30Hz/60Hz, 1080P/720P
Input Type	(1) HDMI Type A
Output Type	(2) HDMI Type A
Deep Color	4K: 8/10/12bit 1080P: Up to 8bit
Maximum Data Rate	18bps
Maximum Pixel Clock	600MHz
HDMI Transmission Distance	Input / Output: 15m / 50' - 1080p@60Hz Input / Output: 10m / 33' - 4K@30Hz Input / Output: 5m / 16' - 4K@60Hz
Audio	
Supported Formats	Fully supports audio formats in HDMI 2.0 specification, including PCM, Dolby TrueHD, Dolby Atmos, DTS-HD Master Audio, DTS:X
General	
Operating Temperature	0°C to 45°C (32°F to 113°F)
Storage Temperature	-20°C to 70°C (-4°F to 158°F)
Humidity	10% to 90%, non-condensing
ESD Protection	Human-body Model: ±8kV (Air-gap discharge)/ ±4kV (Contact discharge)
Power Supply	DC 5V 1A
Power Consumption (Maximum)	1.8W
Device Dimension (W x H x D)	100mm x 20mm x 65.2mm/ 4" x 0.8" x 2.6"
Product Weight	0.18kg/0.4lb
Warranty	5 Years
Certification	CE, FCC, RoHS

Thank you for your purchase.

For technical support please call our
toll-free number at 800-530-8998
or email us at supportlibav@libav.com

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