1x1 HDMI 1.3 Repeater

Operation Manual

CYP
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1. Introduction
The HDMI v1.3 Distribution Amplifier Series is the most advanced solution to HDMI signal distribution. Each product in this series is compatible to HDMI v1.3 specifications, a cutting edge technology which defines the support to transfer Deep Color (10-bit and 12-bit) video and new lossless compressed (Dolby TrueHD, Dolby Digital Plus and DTS-HD Master Audio) digital audio, with a high bandwidth up to 225MHz (6.75Gbps). Besides splitting and distributing, the HDMI v1.3 DA series also does signal amplification and equalization, so as to provide high performance I/O of audio and video. Each of the buffered output can run up to 30 meters and can be cascaded.

2. Features
- HDMI 1.3, HDCP1.1 and DVI1.0 compliant Receiver.
- Deep color video up to 12bit, 1080p@60Hz.
- One HDMI source to connect to one HDMI display simultaneously.
- HDCP keysets allows each output to work independently when connecting to a HDMI display.
- Split a HDMI source to one output without signal loss.
- Supports DVI source and DVI display by using HDMI to/from DVI adaptor cable.
- Supports LPCM 7.1CH, Dolby TrueHD, Dolby Digital Plus and DTS-HD Master Audio transmission (32-192kHz Fs sample rate).
- Supports a wide range of PC and HDTV resolutions from VGA to UXGA and 480i to 1080p.
- HDMI cable distance test with 1080p resolution: Input/Output source can run up to 30M/5.1CH.
- Full HDCP Compliant.
3. Operation Controls and Functions

3.1 Front Panel

1. HDMI Output: Connect output port to the HDMI display.

3.2 Rear Panel

1. HDMI Input: Connect input port to the HDMI or DVI output of your source equipment such as DVD player or set-top-box.
2. POWER Indicator: The power LED will illuminate when power on.
3. Power: Plug the 5V DC power supply into this unit and connect the adaptor to AC wall outlet.
4. Connection and Installation

HDMI Cable

HDMI Cable

DVD or Set-Top-Box

HDTV OR

HDMI display OR

LCD TV

5. Specifications

- Frequency bandwidth: 2.25Gbps (single link)
- Input port: 1 x HDMI female port (Type A connector)
- Output port: 1 x HDMI female port
- Power Supply: 5VDC/2.6A (US/EU standards, CE/FCC/UL certified)
- Dimensions (mm): 100(W) x 147(D) x 25(H)
- Weight(g): 300
- Chassis Material: Aluminum
- Silk Skin Color: Black
- Operating Temperature: Operating from 0°C ~ 40°C