CLUX-12E
1x2 HDMI 1.3 Splitter

Operation Manual
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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 with HDMI v1.3 specifications, a cutting-edge technology which defines the supports 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.

2. Features
- HDMI 1.3, HDCP1.1 and DVI1.0 compliant Receiver.
- Deep color video up to 12bit, 1080p@(24/60)Hz.
- One HDMI source which connect up to two HDMI displays simultaneously.
- HDCP keysets allows each output to work independently when connecting to a HDMI display.
- Splits a HDMI source up to two outputs without signal loss.
- Supports DVI source and DVI display by using HDMI to/from DVI adaptor cable.
- Dolby Digital, DTS digital audio transmission (32-192 kHz 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/8bits resolution the Input/Output distance can run up to 15/15 meters. with 1080p/12bits the Input/Output distance can run up to 10/15 meters.
- Supports EDID functionality. The unit will detect the first HDMI/DVI output source’s EDID and record in the unit. If the first detected output source is empty it will pass to next source, until the first HDMI/DVI been detected. When users reconnect all the output sources or re-plug the power source, the system will automatically recover the EDID.
- Supports xvYCC.
- Supports CEC bypass.
3. **Operation Controls and Functions**

**Top Panel:**

1. **Sync LED:** The LED will illuminate when the HDMI source signal is connected to the input.
2. **Power LED indicator:** The power LED will illuminate when power on.

![Top Panel Diagram](image)

**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. **HDMI output 1 and 2:** Connect each of the output ports to the HDMI display. When more than one output connected, the HDMI outputs play identical video signal simultaneously.
3. **Power:** Plug the 5V DC power supply into the splitter and connect the adaptor to AC wall outlet.
4. Connection and Installation

5. Specifications

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<tr>
<th>Specification</th>
<th>Details</th>
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</thead>
<tbody>
<tr>
<td>Frequency Bandwidth</td>
<td>2.25Gbps (single link)</td>
</tr>
<tr>
<td>Input Port</td>
<td>1x HDMI female port (Type A connector)</td>
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<tr>
<td>Output Ports</td>
<td>2x HDMI female ports (signal link)</td>
</tr>
<tr>
<td>Power Supply</td>
<td>5VDC/2.6A (US/EU standards, CE/FCC/UL certified)</td>
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<tr>
<td>Dimensions (mm)</td>
<td>145(W) x 90(D) x 32(H)</td>
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<tr>
<td>Weight (g)</td>
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<tr>
<td>Chassis Material</td>
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<tr>
<td>Silkscreen Color</td>
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</tr>
<tr>
<td>Operating Temperature</td>
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