

CH-101 HDMI to HDMI Repeater (V1.3)

Operation Manual



CH-101

TABLE OF CONTENTS

| | |
|--|----------|
| 1. Introduction..... | 1 |
| 2. Main Features..... | 1 |
| 3. Package Contents..... | 1 |
| 4. Hardware Description..... | 1 |
| 4.1 Front Panel..... | 1 |
| 4.2 Rear Panel..... | 1 |
| 5. Connection and Installation..... | 2 |
| 6. Specifications..... | 2 |

1. Introduction

This is the most advanced solution for HDMI to HDMI signal repeater. This is compatible to HDMI v1.3 specifications, a cutting-age technology which defines the support to transfer Deep Color (12 bits/color) video and new lossless compressed (Dolby TrueHD, Dolby Digital Plus and DTS-HD Master Audio) digital audio, with a high bandwidth up to 225MHz. The HDMI v1.3 Distribution Amplifier also does signal amplification and equalization, so as to provide high performance I/O of audio and video through HDMI cables for a distance up to 15 meters each side at 1080p@60Hz.

2. Main Features

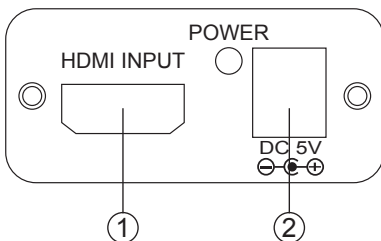
- Compliant with HDMI 1.3, HDCP 1.1 and DV11.1 standards.
- Supports digital video formats in Deep Color Mode at up to 36 bits (12bits/color) and new lossless compressed (Dolby TrueHD, Dolby Digital Plus and DTS-HD Master Audio) digital audio.
- Supports equalize and recover incoming TMDS data before re-transmitting them with optimal quality regardless of the incoming signal quality.
- Supports high definition input up to 1080p@60Hz, output resolution follows input. The distances up to 15 meters each side and can cascaded more then 4 layers.
- Full HDCP Compliant.
- Support CEC function.
- Easy to install and simple to operate.

3. Package Contents

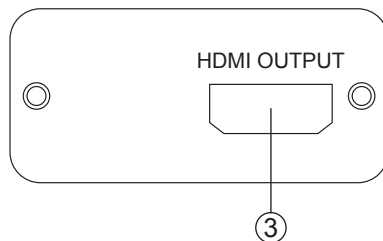
- HDMI to HDMI Repeater.
- 5V DC power supply adaptor.
- Operation Manual.

4. Operation Controls and Functions

4.1. Front Panel



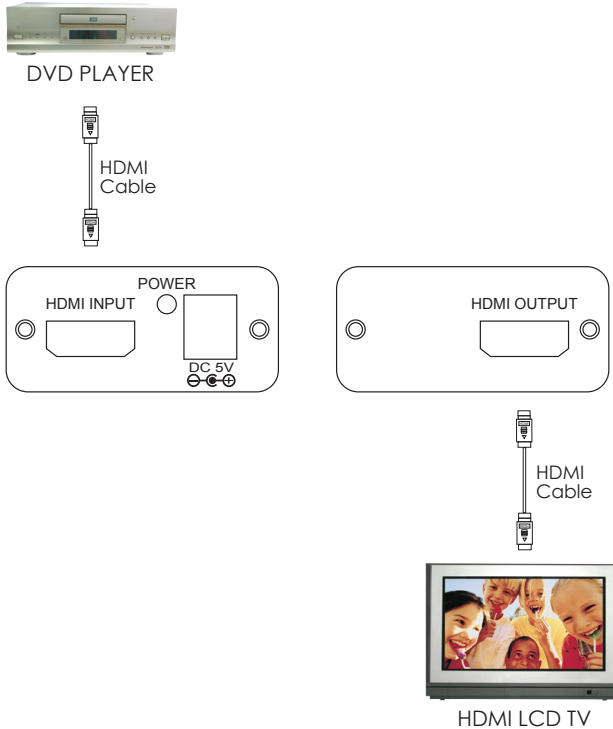
4.2. Rear Panel



- ①. HDMI input: Connect the HDMI input port to the HDMI output port of your source equipment such as DVD player or set-top-box.
- ②. Power: Plug the 5VDC power supply into the unit and connect the adaptor to AC wall outlet.

- ③. HDMI output: Connect the HDMI output port to the HDMI input port of your display or next to the HDMI transmitter box.

5. Connection and Installation



6. Specifications

| | |
|-----------------------|---|
| Input port | 1 x HDMI |
| Output port | 1 x HDMI |
| Power Supply | 5V/2.6A DC (US/EU standards, CE/FCC/UL certified) |
| Dimensions (mm) | 50(W) x 52(D) x 23(H) |
| Weight(g) | 62 |
| Chassis Material | Aluminum |
| Silk Skin Color | Silver |
| Operating Temperature | Operating from 0°C ~ 40°C |



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