

RE-101 ***HDMI to HDMI*** ***Repeater (V1.3)***

Operation Manual



TABLE OF CONTENTS

1. Introduction.....	1
2. Features.....	1
3. Package Contents.....	1
4. Operation Controls and Functions.....	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 with HDMI v1.3 specifications, a cutting-edge technology which defines the supports 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. Features

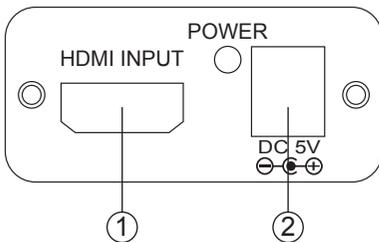
- HDMI 1.3, HDCP 1.1 and DVI1.1 compliant
- Supports digital video formats in Deep Color Mode at up to 36 bits (12bits/color) and new lossless compressed (Dolby TrueHD, Dolby Digital Plus and DTS-HD Master Audio) digital audio
- Supports equalize and recover incoming TMDS data before re-transmitting 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
- Supports CEC function
- Easy to install and to operate

3. Package Contents

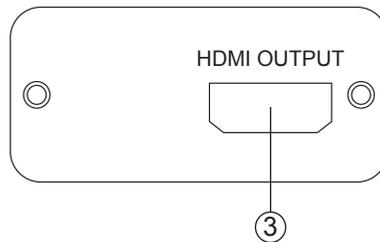
- HDMI to HDMI Repeater
- 5V DC power supply adaptor
- Operation Manual

4. Operation Controls and Functions

4.1. Front Panel



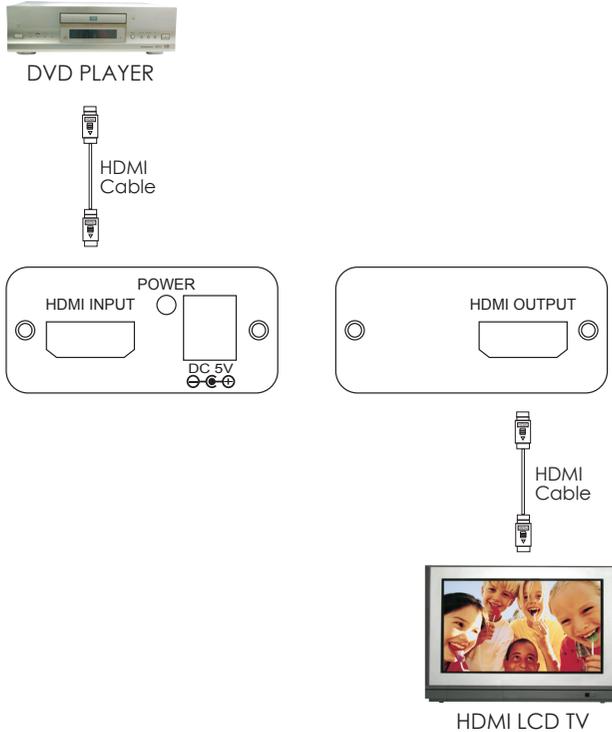
4.2. Rear Panel



- 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
Silkscreen Color	Black
Operating Temperature	0°C ~ 40°C