



## HDMI REPEATER Model #33-12725

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# HDMI REPEATER

## DEAR CUSTOMER

Thank you for purchasing this product. For optimum performance and safety, please read these instructions carefully before connecting, operating or adjusting this product. Please keep this manual for future reference.

## 1.0 INTRODUCTION

The HDMI Repeater extends the length of any HDMI cable by regenerating the HDMI signal before it sends the outputs to the HDMI monitor or projector. The HDMI Repeater will remove digital noise (pixelation) from your picture. The input of the HDMI repeater is connected with a long HDMI (male to male) cable from the HDMI device like DVD player or Satellite set top box with a HDMI output port. The HDMI repeater output is connected to a second HDMI (male to male) cable to go from the output to any HDMI display or projector with a HDMI connector. The box is placed near the display to remove any noise that has been generated by a long HDMI cable.

## 1.1 FEATURES

This kind of the HDMI Repeater has many features that enable it to perform in a superior manner. Among those features you will find:

- Supports HDMI1.2a.
- Supports highest video resolution 1080p.
- Supports 165MHz/1.65Gbps per channel (4.95Gbps all channel) bandwidth.
- Supports 8bit per channel (24bit all channel) deep color.
- HDCP pass-through.
- Supports uncompressed audio such as LPCM.
- Supports compressed audio such as DTS Digital, Dolby Digital (including DTS-HD and Dolby True HD) .

## 2.0 SPECIFICATIONS

<b>Signal Inputs/Output</b>	
Input Video Signal	5 Volts p-p (TTL)
Maximum Single Link Range	1920x1080P
Output Video	HDMI1.2a
HDMI Input/Output Connector	Type A 19 pin
<b>Operating Frequency</b>	
Vertical Frequency Range	50/60Hz
Video Amplifier Bandwidth	1.65Gbps/165MHz
<b>Resolutions(HDTV)</b>	
Interlaced(50&60Hz)	480i,576i,1080i
Progressive(50&60Hz)	480p,576p,720p,1080p
<b>Mechanical</b>	

Size(H-W-D)	27mmW x 49mmH x 15mmD
Weight(Net)	0.017KGs
<b>Warranty</b>	
Limited Warranty	1 Year Parts and Labor
<b>Environmental</b>	
Operating Temperature	0 °C to +70°C
Operating Humidity	10% to 85 % RH (no condensation)
Storage Temperature	-10°C to +80°C
Storage Humidity	5% to 90 % RH (no condensation)
<b>Power Requirement</b>	
External Power Supply	5V DC@2A(optional)
Power consumption (Max)	3W
<b>Regulatory Approvals</b>	
Converter Unit	FCC,CE,UL
Power Supply	UL,CE,FCC
<b>Accessories Adapter</b>	
AC Power Adapter	US standard, UK standard and so on
User Manual	

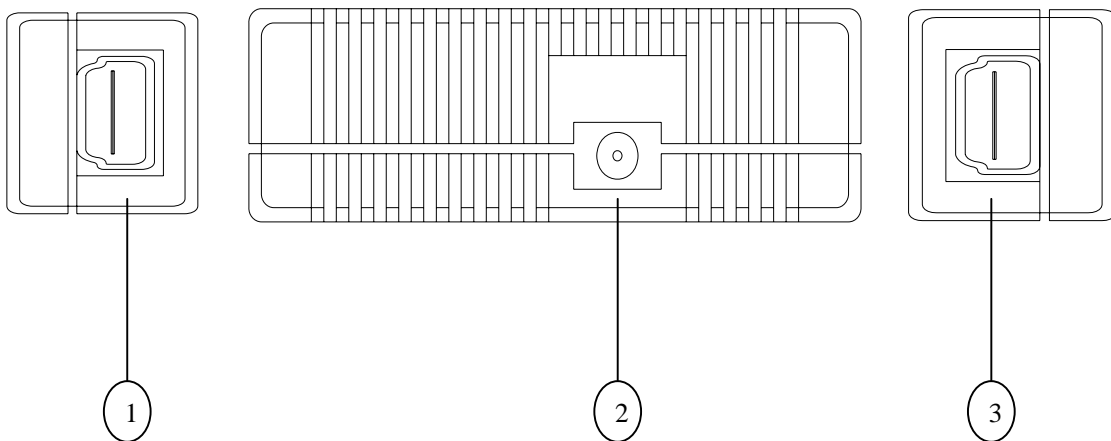
**Note:** Specifications are subject to change without notice.

### 3.0 Package Contents

Before attempting to use this unit, please check the packaging and make sure the following items are contained in the shipping carton:

- HDMI Repeater
- User's Manual

### 4.0 PANEL DESCRIPTION



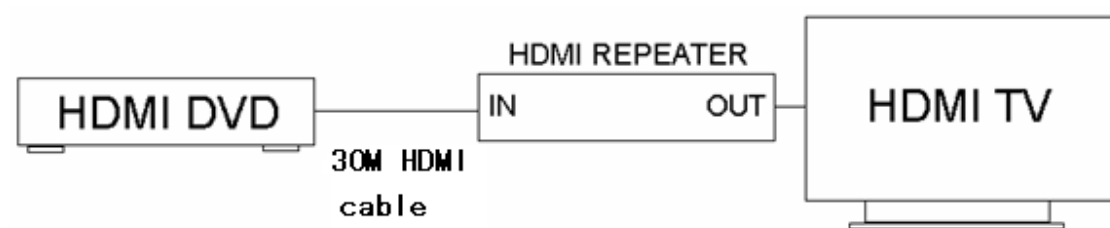
- 1) HDMI input
- 2) Power input
- 3) HDMI output

## 5.0 CONNECTION AND OPERATION

- 1) Connect the source device output into input of the HDMI Repeater and connect output of the HDMI Repeater to the HDMI display unit. The HDMI Repeater is put close to the HDMI display unit (Input cables are optional)  
\*Please refer to connection diagram section.
- 2) Insert the DC side of 5v power supply if the 5v of the source is not enough.

**Attention: Insert / Extract cable gently.**

### 5.1 CONNECTION DIAGRAM



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