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HDMI Repeater

Model No. HRP0101

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 clean out the digital noise (sparkles) in 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. The HDMI Repeater unit can be daisy chain two cables (up to four cables with four HDMI Repeater unit) together and create a longer HDMI extension.

1.1 LIABILITY STATEMENT

Every effort has been made to ensure that this product is free of defects. China Electronics Technology Limited cannot be held liable for the use of this hardware or any direct or indirect consequential damages arising from its use. It is the responsibility of the user of the hardware to check that it is suitable for his/her requirements and that it is installed correctly. All rights reserved. No parts of this manual may be reproduced or transmitted by any form or means electronic or mechanical, including photocopying, recording or by any information storage or retrieval system without the written consent of the publisher.

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1.2 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:

- Connects HDMI DVD or devices with HDMI outputs to HDMI compatible displays or projectors.
- Allows to extend the HDMI cable distance, between the HDMI player and

- HDMI TV set,
- With daisy chain 4 units of the HDMI Repeater, will allows to extend the HDMI cable distance to 145Meter (35Meter x 4 + 5 Meter).
 - Maintains highest HDMI single link video resolution 1080
 - Supports DDWG standard for HDMI compliant monitors
 - Supports full HDMI audio and video
 - HDCP Compliant
 - Installs in minutes

2.0 SPECIFICATIONS

Signal Inputs/Output	
Input Video Signal	5 Volts p-p (TTL)
Maximum Single Link Range	1920X1200, 1080P
Output Video	HDMI1.2a+HDCP1.0/1.1
HDMI Input/Output Connector	Type A 19 pin
Video format supported	
VGA	640x480,800x600,1024x768,1920x1200
DTV/HDTV	480i/576i/480p/576p/720p/1080i/1080P
Digital Signal I/O	
HDMI Compliance	HDMI 1.2a
Operating Frequency	
Video Amplifier Bandwidth	1.65Gbps/165MHz
Resolutions(HDTV)	
Interlaced(50&60Hz)	480i,576i,1080i
Progressive(50&60Hz)	480p,576p,720p,1080p
Mechanical	
Size(H-W-D)	27mmW x 49mmH x 15mmD
Weight(Net)	0.017KGs
Warranty	
Limited Warranty	1 Year Parts and Labor
Environmental	
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)
Power Requirement	
External Power Supply	5V DC@2A(optional)
Regulatory Approvals	
Converter Unit	FCC,CE,UL
Power Supply	UL,CE,FCC
Accessories Adapter	
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

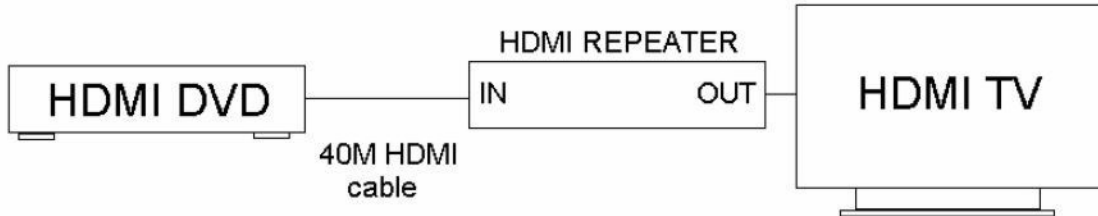
Note: Please retain the original packing material in the case of needing to return the unit. If you find any items are missing, contact China Electronics Technology Limited immediately. Please have the model number, serial number and invoice available for reference when you call.

5.0 CONNECT AND OPERATE

- 1) Connect the HDMI device output into HRP0101 input and connect the HRP0101 output to the HDMI display unit. The HDMI device 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 several HRP0101 units is used together.

Attention: Insert / Extract cable gently.

5.1 CONNECTION DIAGRAM



6.0 LIMITED WARRANTY

Should any consumer product from China Electronics Technology Limited fail due to defects in materials or workmanship within one year from the date of the original sale to the end-user, China Electronics Technology Limited guarantees that we will replace the defective product at no cost. Freight charges for the replacement unit will be paid by the customers. A copy of the invoice showing the item number and date of purchase (proof-of-purchase) must be submitted with the defective unit to constitute a valid in-warranty claim.

Units that fail after the warranty period has expired may be returned to the factory for repair at a nominal charge, if not damaged beyond the point of repair. All freight charges for out-of-warranty returns for repair are the responsibility of the customer. Units returned for repair must have a Return Authorization Number assigned by the factory.

This is a limited warranty and is not applicable for products which, in our opinion, have been damaged, altered, abused, misused, or improperly installed. China Electronics Technology Limited makes no other warranties either expressed or implied, including limitation warranties as to merchantability or fitness for a particular purpose. Additionally, there are no allowances or credits available for service work or installation performed in the field by the end user.

6.1 Non-HDCP Compliant Devices

If a DVI device does not appear to work, make certain that the device is HDCP compliant. A non-HDCP compliant DVI device will not work with a signal that has HDCP encoding present

Notice

China Electronics Technology Limited reserves the right to make changes in the hardware, packaging and any accompanying documentation without prior written notice. Different products have different outlooks.