

USER MANUAL

4K/60Hz HDMI Repeater

- **Model No: HDEX0015M1**

Enjoy the Vivid World!

INTRODUCTION

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.

Our series of HDMI splitters, switchers, extenders, repeaters, matrixes and converters are designed to make your A/V device use more convenient, more comfortable, more productive and more cost-efficient.

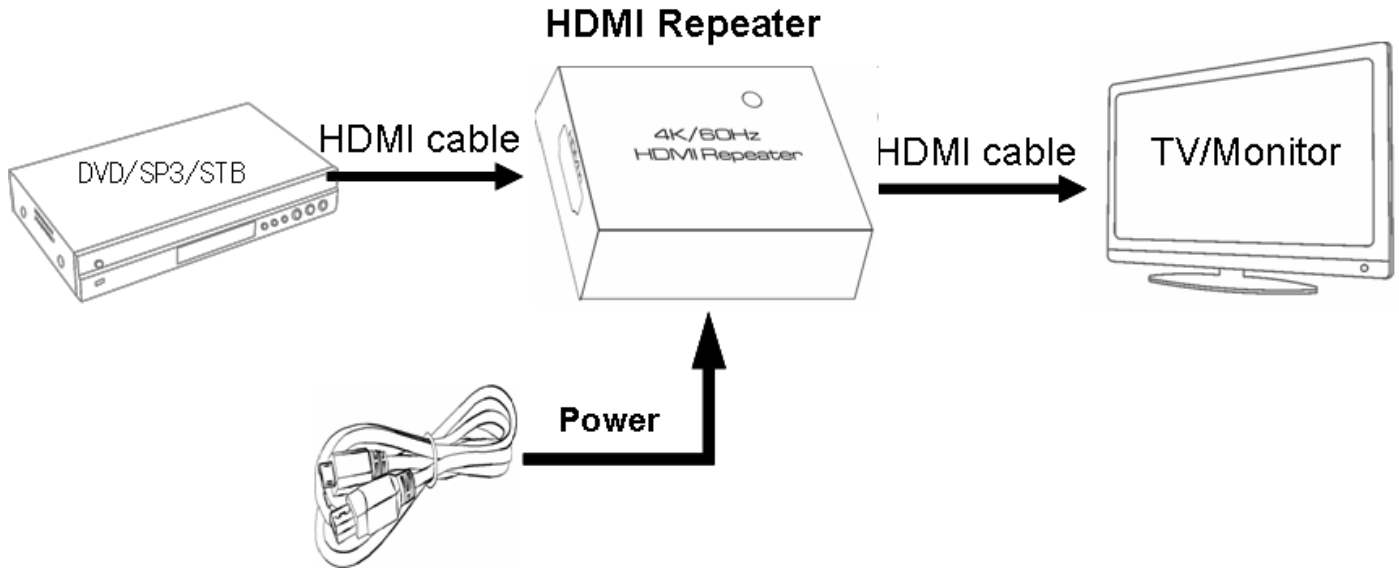
The repeater supports 1080P,3D and 4K*2K/60Hz and it can do amplifier to the HDMI signal to support long transmission of HDMI signal.

Our devices offers solutions for noise, space and security concerns, data center control, information distribution, conference room presentation, school and corporate training environments.

FEATURES

- It can buffer and amplifier the signal.
- Support HDR
- Support 4K*2K @60Hz resolution
- Video Format Support: 4Kx2K/60Hz 10Bit YcbCr4:2:0; 4Kx2K/60Hz 12Bit YcbCr 4:2:0 ; 4Kx2K/60Hz 8Bit YcbCr 4:4:4/ YcbCR4:2:0
- The input/output HDMI Cable length can be up to 15m for 1080P signal and the input/output HDMI cable length can be up to 10m for 4K*2K signal.(Pls use the standard AWG 24 HDMI Cable).
- No Loss of Signal Quality
- Easy Operation

The Connection Showing Picture:



Operating and Connecting:

1. To use one HDMI Cable to connect the HDMI Signal source with the HDMI Input port of the repeater.
2. To use one HDMI Cable to connect the HDMI Display with the HDMI Output port of the repeater.
3. To use the USB Power cable to connect the USB DC port of repeater with the USB Power Source like Display.(Note: Some special HD Signal Source with very working current need the use the USB Power cable to supply the extra power).

SPECIFICATIONS:

HDEX0015M1

HDMI Connector.....Type A 19Pins Female

HDMI *Input*.....4K@60Hz /4K@30Hz/1080P/1080i/720p/576p/576i/480P/480i
HDMI *Output*.....4K@60Hz /4K@30Hz/1080P/1080i/720p/576p/576i/480P/480i
Max Transmission Rate..... 600MHz
Max baud rate.....18Gbps
Input/Output TMDS signal 0.5~1.5Volts p-p(TTL)
Input/Output DDC signal 5Volts p-p (TTL)
Input cable distance..... ≤15m(1080P)/10M(4K) AWG24 HDMI standard cable
Output cable distance.....≤15m(1080P)/10M(4K) AWG24 HDMI standard cable
Max working current.....300mA
Operating Temperature range.....0 to +40°C
Storage Temperature range..... -20 to +60°C
Operating Humidity range.....5 to 85%RH (No Condensation)
Storage Humidity range.....5 to 95%RH (No Condensation)
Dimension (L x W x H)49X35.5X15.5 (mm)
Weight.....46g

Notes:

Pls use the machine as the instruction listed to keep the long use lifetime of the machine.

1. The machine should be placed at the spot far from the Damp, High-Temperature, Dusty, Erosive, and oxidative environment.
2. All parts will be free from the strong shake, hit, fall.

The common trouble shooting way shows below:

Serial NO	Trouble Description	Cause and Ways to deal with
1	Non-Power-Connected	<ol style="list-style-type: none">1、 To check if the TV is turned on and connected with the repeater.2、 To check if the input signal source has been opened and connected well.3、 To check the whole system connection status.4、 To check if the HDMI Cable is connected well.5、 To check if the HDMI Cable is compliant with the HDMI Standard.
2	No Picture	<ol style="list-style-type: none">1、 To reconnect the interface to be free from the wrong connection.2、 HDMI Cable Quality (HDMI Cable must be compliant with the HDMI Standard.)