

HDMI 2.0 Repeater

Support 4Kx2K, 3D

User Manual

Thank you for choosing our products. We focus on producing professional, high-quality, cost-effective high-tech products, so you can easily enjoy high-definition digital life brought by technology.

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

Introduction:

This super mini HDMI repeater is designed to regenerate the incoming HDMI signal by decoding and re-encoding it to a new standard HDMI signal and extend the transmission range without degradation.

Features:

- Compliant to HDMI 2.0 and HDMI 1.x specification.
- Serial data rate up to 6.0 Gbps, capable of supporting ultra-high

resolution 4K/2K @ 60 Hz format.

- Support HDCP 2.2
- Supports 3D transmission.
- When input resolution is 4K/60Hz, RGB 4:4:4, both input and output transmission distance are up to 15 meters using HDMI 2.0 AWG24 cable.
- When input resolution is 4K/30Hz, RGB 4:4:4 or 4K/60Hz RGB 4:2:0, both input and output transmission distance are up to 20 meters using HDMI 2.0 AWG24 cable.
- When input resolution is 1080P/60Hz, both input and output transmission distance are up to 30 meters using HDMI 2.0 AWG24 cable.
- Audio and video lossless transmission without any delay.
- Simple installation.

Specification:

HDMI Input/Output Resolution.....Up to 4K/60fs

Support HDMI Video Color Format..... 24bit/Deep color 30bit/36bit
HDMI Audio Channel Quantity..... 32 Channels
HDMI Maximum Bandwidth..... 300MHz
HDMI Maximum Transmission Rate..... 18Gbps
Max Working Current..... 300mA
Power Adapter Format..... AC 100V-240V 50/60HZ, DC 5V/1A
Operating Temperature Range..... -10~+55°C
Storage Temperature Range..... -20~+60°C
Operating Humidity Range..... 10~90%RH (No Condensation)
Storage Humidity Range..... 5~95%RH (No Condensation)
ESD Protection Human Body Model..... ±8kV (Air-gap Discharge)
±4kV (Contact Discharge)

Case Dimension.....52.8×44.5×19.4 (mm)

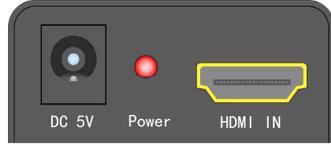
Weight.....35g

Package Contents:

HDMI Repeater.....1pcs

User Manual.....1pcs

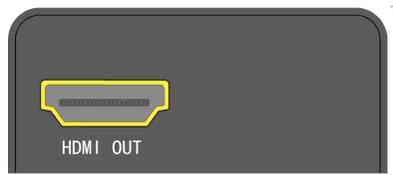
Diagram of Interfaces:



DC5V: DC 5V Power interface.

Power: Power indicator light. It will turn on when the power supply is normal.

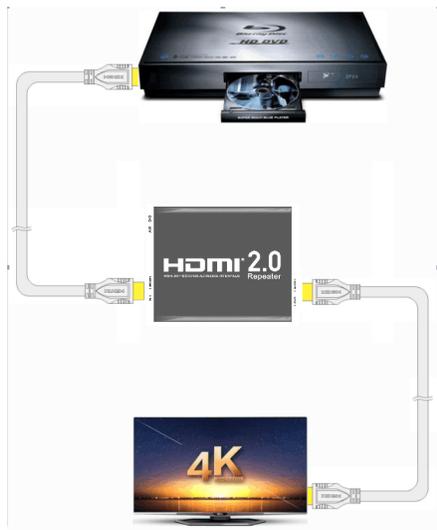
HDMI IN: HDMI Input Interface. (Connect to playback devices, such as computer, DVD, Set-Top-Box, Network Player.)



HDMI OUT: HDMI output interface. (Connect to display devices, such as TV, monitor, projector.)

Connection and Operation: Error!

Error!



1. Use the HDMI cable to connect the HDMI output interface of the DVD/BD to the HDMI IN interface of the repeater.
2. Use the HDMI cable to connect the HDMI OUT interface of the repeater to the HDMI input interface of the TV/monitor.
3. Use the power cable to connect the DV 5V power interface of the repeater to the power supply.

* This product requires no extra power supply, the power interface is reserved for the special case.

Note:

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

1. Please do not expose this unit to the damp, high-temperature, dusty, erosive, or oxidative environment.

2. All parts will be free from the strong shake, hit, fall.
3. Please do not touch the power adapter plug with wet hands.
4. Please hold the plug when unplugging. Do not pull the power cable directly.
5. Please turn off power when the item is not in use.
6. Please do not open the cover and do not touch the inside parts.
7. Please use the manufacturer recognized power cable.