HDMI Equalizer

Operation Manual

CP-269H

Using a standard HDMI cable to transmit high definition audio/video at a long distance will result in digital degradation. Our CP-269H can correct digital error and provide 8 dB input equalization to compensate for cable transmission loss, it will eliminate digital noise (sparkles) to ensure you to receive perfect HDTV picture after long cable transmission.

This package includes

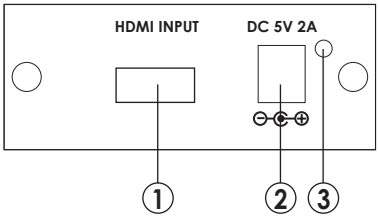
- The HDMI equalizer box.
- 5V DC power adaptor.
- User manual.

Features

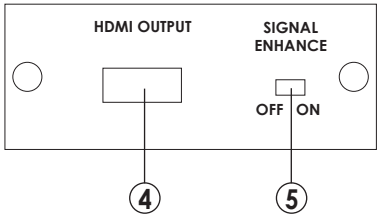
* Provides 8 dB input equalization to compensate for long HDMI cable loss.
* Extend cable reach to 40 meters- 20 meters from the source to the equalizer plus 20 meters from the equalizer to the projector, TV/monitor.
* Maintains high HDMI single link video resolution up to UXGA/1080p.
* HDCP compliant.
* Plug and play, easy to install.
* Can be powered directly from the cable. However it is recommended to use external power adaptor for long cable application.
* HDMI is backward compatible with DVI, The unit will work with either DVI or HDMI.

Operation Controls and Functions

Front Panel

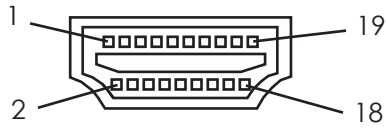


Rear Panel



1. HDMI Input: Connects to the HDMI output connector of your source equipment.
2. DC power plug.
3. Power LED.
4. HDMI output: Connects to the HDMI input connector of your display unit.
5. Signal Enhance: After long distance transmission you can press this button to enhance the signal.

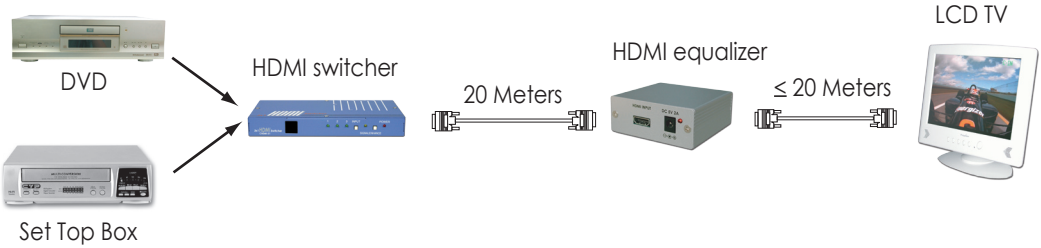
HDMI Connector Pin Assignment



Pin#	Function Assignment	Pin#	Function Assignment
1	TMDS Data2+	2	TMDS Data2 Shield
3	TMDS Data2-	4	TMDS Data1+
5	TMDS Data1 Shield	6	TMDS Data1-
7	TMDS Data0+	8	TMDS Data0 Shield
9	TMDS Data0-	10	TMDS Clock+
11	TMDS Clock Shield	12	TMDS Clock-
13	CEC	14	Reserved (N.C. on device)
15	SCL	16	SDA
17	DDC/CEC Ground	18	+5V Power
19	Hot Plug Detect		

Specifications

* Compliant with HDMI 1.2
* HDCP is compliant with HDCP 1.1 downward compatible to HDCP 1.0
* HDCP pass through.
* Operation frequency : Up to 165MHz
* HDMI data rate: 1.65Gbps(single link)
* Input/Output resolutions:
  PC: VGA, SVGA, XGA, SXGA, UXGA up to 165MHz
  HD: 480i/576i, 480p/576p, 720p, 1080i, 1080p
* Dimension: 72(D)x 76(W)x 30(H)mm
* Power: 5V 2A center-positive

Note: Connect the long HDMI cable from the source to the input of CP-269H and place the box next to your display.

Installation