

Professional HDMI Equalizer

Operation Manual



CP-1269HM is a high performance cable equalizer allows HDMI/DVI cable runs up to 50 meters. It corrects digital error and automatically provides equalization up to 40dB 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

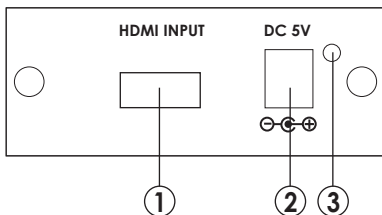
- The HDMI equalizer box.
- 5V DC power adaptor.
- User manual.

Features

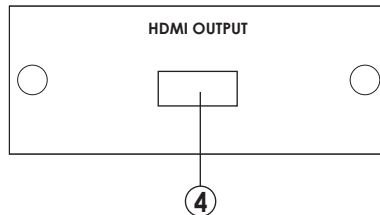
- * Fully automatic equalization up to 40 dB at 2.25Gbps, no system control required.
- * Extend cable runs up to 50 meters-40 meters with 1080p/60Hz 8bit or 30 meters with 1080p/60Hz 12bit from the equalizer to the projector, TV/monitor.
- * Maintains high HDMI single link video resolution up to WUXGA/1080p.
- * Can be powered directly from the cable.
However, it's recommended to use external power adaptor for long cable application.
- * HDCP compliant, HDMI is backward compatible with DVI.
- * Plug and play, easy to install.

Operation Controls and Functions

Front Panel

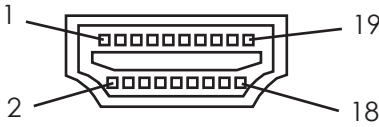


Rear Panel



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.

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
- * HDCP is compliant with HDCP 1.1 downward compatible to HDCP 1.0
- * HDCP pass through.
- * Operation frequency : Up to 225MHz
- * HDMI data rate: 2.25Gbps(single link)
- * Input/Output resolutions:
 - PC: VGA, SVGA, XGA, SXGA, UXGA, WUXGA up to 225MHz
 - HD: 480i/576i, 480p/576p, 720p, 1080i, 1080p
- * Dimension: 72(D)x 76(W)x 30(H)mm
- * Power: 5V center-positive

Note: Connect the long HDMI/DVI cable from the source to the input of CP-1269HM and place the unit next to your display.

Installation

