

Part No: 40-EDID
HDMI Emulator - EDID/CEC Selector

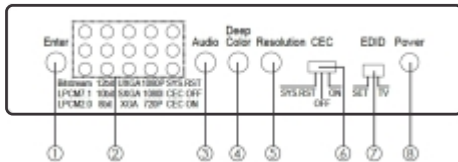


Front View

Rear View



5Vdc Power Supply



Front Panel Details

1. Enter Key, press the button after each selection
2. L.E.D. system settings
3. Audio Selection: Dolby, TrueHD, DTSHD, LPCM 2.0 or 7.1
4. Deep Color Selection: 8/10/12 bit
5. Resolution Selection: XGA, SXGA, UXGA, 720P, 1080I, 1080P
6. CEC mode selection: System reset, Off, On
7. EDID Selection, manual or TV
8. Power On/Off button

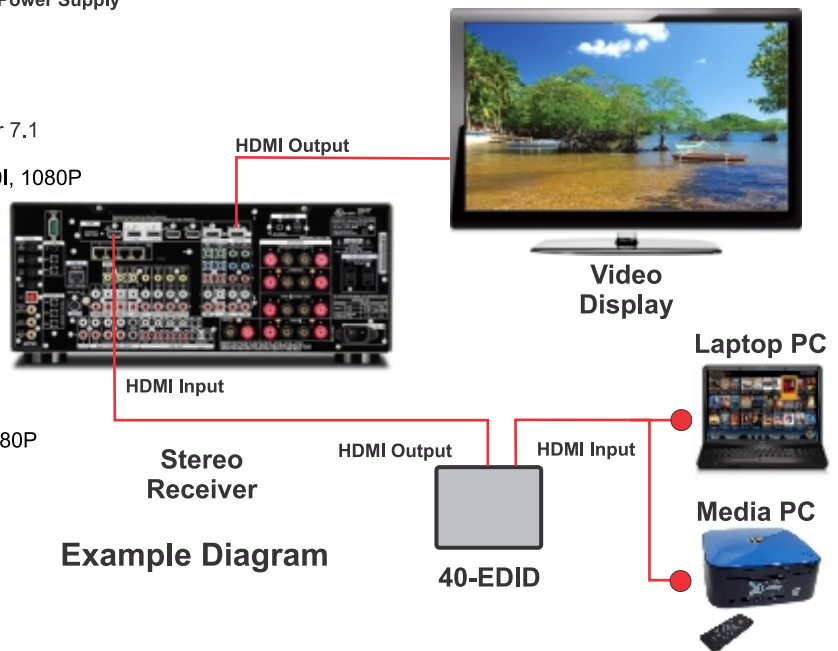
Specifications

Frequency Bandwidth: 2.25 Gbps (Single Link)
 Video Resolutions: XGA, SXGA, UXGA, 720P, 1080I, 1080P
 Deep Color Support: 8/10/12 bit
 Input/Output Jacks: 19 Pin HDMI Female
 Power Supply: 5Vdc, 1 Amp
 Size: H-1.2" x W-4.9" x D-3.6"
 Color: Silver
 Weight: 250g

Calrad's 40-EDID HDMI Emulator. Save the EDID data from your HDTV source or display. Computers and HDTV video sources sometimes lose the EDID information, the electronic identification of a display which communicates it's ability to render resolutions and frequencies or to deliver a video signal at all. When displays are switched away or disconnected and then reconnected, the EDID data can be lost and the computer or HD video source device can lose the ability to output video and display a proper image. By using preset CEC and EDID settings, the selector avoids delay in synchronization between the source and display and offers quick set up of the parameters settings while switching to a different source. The 40-EDID is perfect for laptops or media PC products that require a display to be present during bootup or a system restart or when connected to a A/V receiver that switches multiple HDMI devices.

Features

- Compliant with HDMI 1.3 and DVI 1.0 standards.
- Serial data rate at up to 2.25Gbps, capable of supporting the following digital video formats in Deep Color Mode at up to 36 bits (12 bits/color):
 HDTV resolutions: 480i/p, 576i/p, 720p, 1080i/p
 PC resolutions: VGA, SVGA, XGA, SXGA to UXGA
- Supports HD audio-Dolby Digital TrueHD and DTS-HD
- Embedded EDID
- Built-in CEC support with compliant CEC PHY
- HDMI cable distance testing showed that with 1080p 8bit or 12bit resolution the input/ output can be up to 10/15 meters away
- Supports DVI source/display by using an HDMI/DVI adaptor cable
- Users can choose the EDID source from either the TV or splitter
- Supports CEC bypass or set the device manually to HDMI



Example Diagram