



HDMI®



[ Highlights ]

Palladia®  
HDMI® Matrix Switching with  
Audio Extraction and DSP Preamp



- 3D Capable
- HDMI 1.4a
- 1080p deep color
- Reliable key management for low latency switching
- Palladia® II with HDMI® over HDBaseT® rock solid HDMI® Transmission over single CAT5e/6
- Full HDMI® Audio Extraction

Palladia® II 8x8 Rear View



Designed and Built in the USA!



# Specifications



Palladia® II 16x16 HDMI® Matrix with HDBaseT® Out

## Video features for Palladia® Series

- Supports mandatory 3D formats as per HDMI 1.4a
- HDCP 1.1 compliant
- Full HDMI® matrix switching between multiple sources and displays- any 8 sources to any 8 displays-
- Frequency bandwidth: 2.25Gbps (single link)
- Supported resolutions up to 12 bit deep color at 1080p/60Hz maximum
- On Screen Display (OSD) information for each output
- Extensive interoperability testing
- Reliable key management for low latency switching
- Local HDMI® or HDBaseT® output on the V2 version

## Palladia® II

- HDMI® over HDBaseT®
- Transmit HDMI 1.4a
- Bi-directional IR, bi-directional RS232
- 10/100 Ethernet Gateway
- Up to 328' over a single CAT5e/6 with rock solid reliability

## Palladia® DSP Audio Preamp

- HDMI® Audio Extraction to Stereo L/R or S/PDIF Output
- All pre-amp audio features to include volume, bass, treble, and 5-band EQ per zone
- Analog to digital / digital to analog conversion
- Input/output gain control
- Doorbell feature - output chime to any zone
- And much, much more

## Power, rack and hardware information

- IR Extender Output (3.5mm)
- 3U Rackmount Palladia® 8x8 (no HDBaseT TX)
- 5U Rackmount Palladia® II 8x8
- 8U Rackmount Palladia® II 16x16
- IEC power connection
- Auto detecting power supply: 240V DC/6.25A 110V / 240V
- Palladia® dimensions: 19" (w) x 15.16" (d) x 7" (h)
- Palladia® II dimensions: 19" (w) x 15.16" (d) x 10.5" (h)
- Weight: 19.8 Lbs Clarity HD® Elite / 23.0 Lbs Clarity Elite HD® V2
- Designed, manufactured, and supported in the U.S.A.

## Control

- IR, RS-232 and TCP/IP
- Driver support for all major controller libraries such as Control4, Crestron, Elan, RTI, Savant and URC

## Warranty

- 3 year parts and labor warranty



SoloCAT™ HDE Front and Rear Connection View

