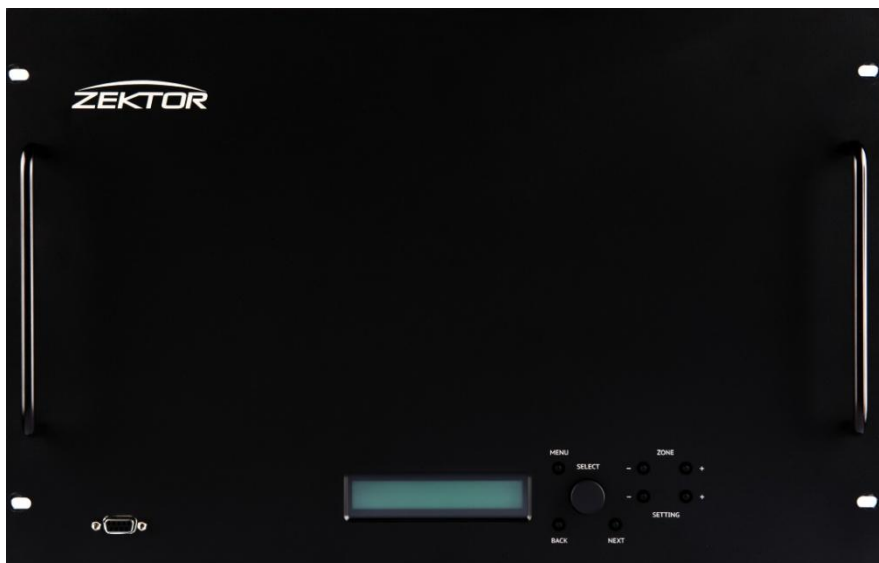




# Palladia™ III Series

**16X16X16 HDMI® / HDBaseT® Matrix**  
**HDMI Audio Extraction with a fully featured DSP Preamp**



## Specifications and features

### **Video features for Palladia® Series**

- Inputs: 16 HDMI, 16 stereo L/R audio, 8 TOSLINK, 16 S/PDIF
- Outputs: Outputs 16 HDMI, 16 HDBaseT (mirrored) 16 stereo L/R, 16 S/PDIF
- Supports mandatory 3D formats as per HDMI 1.4a
- HDCP 1.4 compliant
- Full HDMI® matrix switching between multiple sources and displays
- Frequency bandwidth: 2.25Gbps (single link)
- Supported resolutions up to 12 bit deep color at 1080p/60Hz maximum
- Extensive interoperability testing at CEA's Plug Fest®
- Zektor's KeyMaster™ reliable HDCP key and EDID management for low latency switching

### **Palladia® III**

- 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



#### **SoloCAT HD™ MAX**

HDMI over HDBaseT®, bi directional IR, bi directional RS232 with 10/100 Ethernet and audio return path. Reliable audio return which works outside of CEC control. No power or ground required at the receiver.

**Flexible receiver choices depending on the zone requirements**

### **Palladia® DSP Audio Preamp**

- HDMI® Audio Extraction to Stereo L/R or S/PDIF Output
- All pre-amp audio features 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)
- 10U Rackmount
- IEC power connection
- Auto detecting power supply: 240V DC/6.25A 110V / 240V
- Palladia® III dimensions: 19"(w) x 14"(d) x 17.5"(h)
- Weight: 33 Lbs
- Designed, manufactured, and supported in the U.S.A.

### **Control**

- RS-232 and TCP/IP
- Driver support for all major controller libraries

### **Warranty**

- 3 year parts and labor warranty



#### **SoloCAT HD™**

HDMI over HDBaseT®, bi directional IR, bi directional RS232. No power or ground required at the receiver.

