

The TEK MMX-4I-HD-4K is a 4K HDMI input card that works with any TEKVOX MMX chassis. It is HDCP compliant and supports EDID management.



## Features

- 4-Input HDMI card
- Stereo analog audio embedding on each input
- Provisions 4K UHD resolutions
- Supported resolutions: 4Kx2K, 1920x1200, 1080p & 3D
- High bandwidth up to 10.2 Gbps
- Built-in HDCP internal management
- Built-in EDID & DDC management
- Supports Lip-Sync pass-through
- Up to 48-bit Deep Color & x.v color support
- Supports 7.1 Dolby Digital, True HD, DTS-HD

## Specifications

### I/O Connections:

- HDMI Input Four (4) HDMI Type A Receptacle Connector
- Analog Audio In Four (4) 3 pole Phoenix Connectors

### Audio / Video:

- Maximum Video Compatibility
- Deep Color 48/36/30/24 Bit at 1080p, 3D
- Video Compliance HDMI and HDCP (Selectable)
- HDMI Audio Compatibility: Up to PCM 8 channel
- Dolby Digital TrueHD, and DTS-HD Master Audio
- Analog to Digital Conversion Audio Format: PCM 2 Channel 48kHz

#### **Analog Audio:**

- Performance per Channel Unbalanced Stereo Audio, -10 dBV nominal
- Pinout (Left to Right) Left (+), Ground, Right (+)
- Input Impedance >10kΩ
- Frequency Response 20 Hz to 20 kHz, ±0.5 dB
- THD + Noise < 0.002% from 20 Hz to 20 kHz

#### **HDMI Parameters:**

- Maximum Distance 5 m (pre-made cable)
- Bandwidth 340 MHz (10.2 Gbps)
- Gain 0 dB
- Resolution Range Up to 4K & 1920x1200
- Crosstalk < -50 dB at 5 KHz
- Input Level TMDS 2.9V/3.3V

#### **Chassis & Environmental Construction:**

- Plug-in card with keyed black metal plate
- Shipping Weight 0.45 kg (1 lbs.)
- Operating Temperature 0° to +40° C (+32° to +104° F)
- Operating Humidity 20% to 90%, Non-condensing
- Storage Temperature -10° to +60° C (+14° to +140° F)
- Storage Humidity 20% to 90%, Non-condensing