

Model 7200

HD Digital to Analog Converter

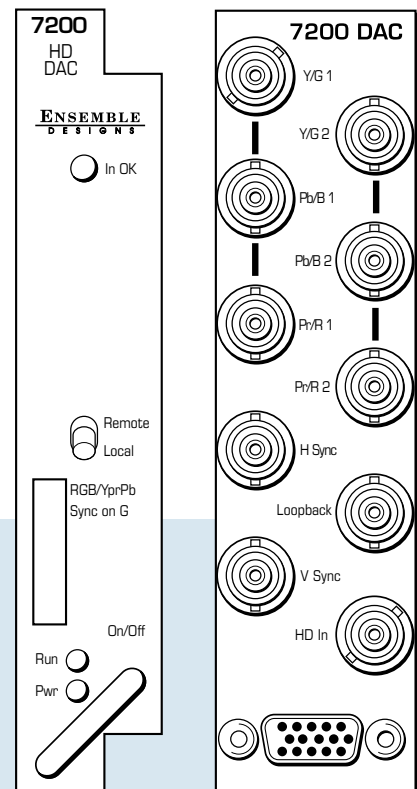
The 7200 is an HD Serial Digital to HD Analog Component converter. It can be used with HDTV monitors and multiscan computer monitors.

This module takes advantage of 14 bit Sigma Delta digital to analog conversion, providing extremely accurate analog outputs. Level adjustments for video, chroma, and setup allow the 7200 to be easily integrated into any HD system.

Standards supported include: 720p, 1080i, 1080p and 1080sF. All Avenue modules can be monitored and controlled through the Avenue remote control system.

Features

- » Use with HDTV monitors and multiscan monitors
- » 14 bit internal processing, 14 bit outputs, 2x Oversampled
- » Sigma Delta digital to analog conversion
- » Y/Pr/Pb, RGB, or SVGA (RGB – H/V) selectable
- » Level adjustments for video and chroma
- » Sharpness filter
- » Reclocked loopback output
- » Auto standard detection for 525 and 625
- » Local or remote control



Input

Number One
Signal Type HD Serial Digital 1.485 Gb/s
SMPTE 274M, 292M or 296M
Impedance 75 Ω
Return Loss >15 dB to 1.485 GHz
Automatic Cable Input Equalization

General Specifications

Power Consumption 10 watts
Temperature Range 0 to 40°C ambient
(all specs met)
Relative Humidity 0 to 95%, noncondensing
Altitude 0 to 10,000 ft

Standards Supported

1080i (SMPTE 274M -4,5,6) 50, 59.94 or 60 Hz
720p (SMPTE 296M -1,2,3) 50, 59.94 or 60 Hz
1080p (SMPTE 274M -9,10,11) 23.98, 24, 25 Hz
1080sF (RP211 -14,15,16) 23.98, 24, 25 Hz

Output

Number Two Y, Pr, Pb, or RGB
or One SVGA (RGB HV)
Signal Type Analog Component HD

