

## Model 5150

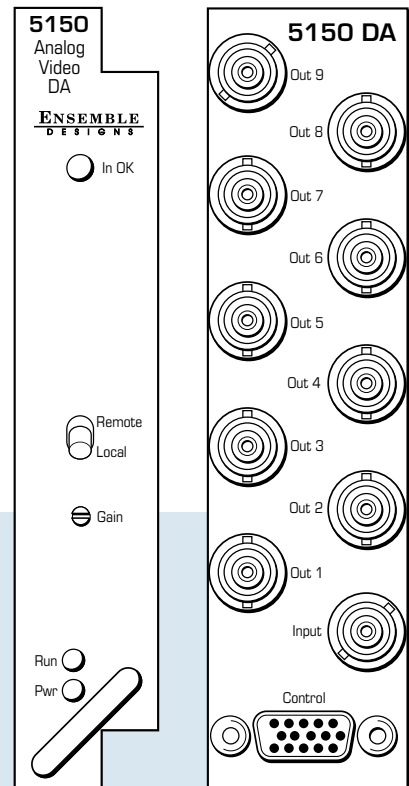
### DA for Analog Video, AES and HD Tri-Level Sync

The 5150 module provides analog distribution of composite video signals, PAL or NTSC, AES audio and HD Tri-Level Sync. The 5150 provides one composite video input and nine buffered composite video outputs.

Input signal detection is displayed locally and through the Avenue remote control system. Gain can be adjusted locally as well as remotely. Remote control is accessed via the Avenue Control Panels and the Avenue PC Control Application.

#### Features

- » Nine outputs
- » Gain adjustment range of  $\pm 10\%$
- » Supports PAL and NTSC signals
- » AES digital audio distribution
- » HD Tri-Level Sync distribution
- » Local and remote control



**Input Signal**

Number One, terminating  
Signal Type NTSC/525, PAL/625  
composite video, AES digital  
audio or HD Tri-Level Sync  
Impedance 75 Ω  
Return Loss >40 dB to 5 MHz

**General Specifications**

Power Consumption <3.0 watts  
Temperature Range 0 to 40°C ambient  
(all specs met)  
Relative Humidity 0 to 95%, noncondensing  
Altitude 0 to 10,000 ft

**Output Signal**

Number Nine  
Signal Type Follows Input  
Impedance 75 Ω  
Return Loss >40 dB to 5 MHz  
DC Offset Follows Input ±50 mV  
Delay 10 ns (14° NTSC, 17° PAL)  
Frequency Response ±0.1 dB, 0 to 5.5 MHz  
Signal to Noise 68 dB  
K Factor, 2T Pulse <0.25%  
Differential Phase 10-90% APL <0.1 degree  
Differential Gain 10-90% APL <0.15%  
Gain Stability <0.1 dB variation  
over operating temp

