

5150

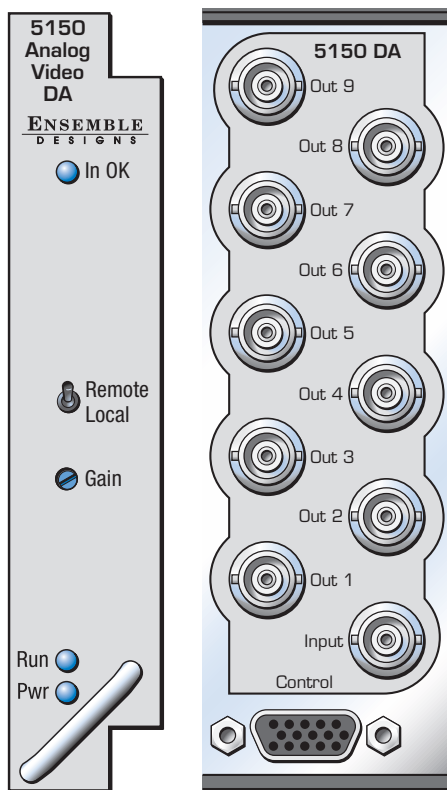
DA for Analog Video, AES and Tri-Level Sync

The 5150 module provides analog distribution of composite video signals, PAL or NTSC, AES audio and 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**
- **Tri-Level Sync distribution**
- **Use with LTC and word clock**
- **Special order for use with 10 MHz**
- **Local and remote control**



Input Signal

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

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

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

