5150

DA for Analog Video, AES and Tri-Level Sync

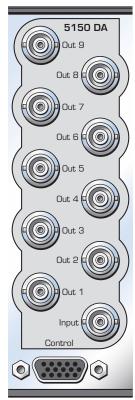
The 5150 module provides analog distribution of composite video signals, PAL or NTSC, AES audio and Tri-Level Sync. The 5150 provides one composite video input and nine buffered composite video outputs.

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 ±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





DA for Analog Video, AES and Tri-Level Sync

Input Signal

Number One, terminating
Signal Type NTSC/525, PAL/625

composite video, AES digital audio

Tri-Level Sync

Impedance 75Ω

Return Loss >40 dB to 5 MHz

Output Signal

Number Nine
Signal Type Follows Input

Impedance 75Ω

Return Loss > 40 dB to 5 MHz DC Offset Follows Input \pm 50 mV Delay 10 ns (14° NTSC, 17° PAL) Frequency Response \pm 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

