



IEC-750

Video DA

1 X 8 (Switchable Dual 1 X 4)

LINK
ELECTRONICS

The IEC-750 video distribution amplifier reflects the latest in the state of the art in engineering techniques. The IEC-750 is the most versatile video amplifier yet conceived, offering outstanding performance. The input is high impedance loop through in the 1 x 8 mode of operation. In the dual 1 x 4 mode, the input is terminated internally. The dual mode of operation provides four outputs of each of the two inputs.

The versatility of the IEC-750 is illustrated by its choice of operation. Several unique features are standard with this stand-alone video DA.

A switch on the rear panel allows the unit to operate as a dual DA with two terminated inputs with four outputs each. Two gain controls on the front panel adjust the video level to ± 3 dB for each set of four outputs. A switch on the rear panel allows for differential or single-ended inputs.

The IEC-750 has a video bandwidth of 20 MHz, making it a very useful device for any application. A fuse on the front panel provides easy replacement. The IEC-750 is a self contained video DA with an on board power supply that draws only 4 watts. Three units can be mounted in a 1 RU frame.

Exceptional Technical Support

The IEC-750 is backed by the Link Electronics standard 10-year warranty and 24/7 free customer support. It meets the innovative, high performance, flexibility, and reliability requirements of all Link Electronics products.

Features

- 1 input, 8 outputs
- Selectable Dual 1 X 4

- Differential or Single Ended Input
- Stereo 1 x 4

- Mount 3 in 1RU Frame
- Low Power Consumption
- Portable

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Input:

Video Level: 1.0 Vp-p \pm 3dB
Impedance:
1 X 8 Mode: > 100K ohms bridging
2 X 4 Mode: 75 ohms terminating
Maximum DC on Inputs: 4VDC
Common Mode Range: 8Vp-p
CMRR:
60Hz: <90dB
30KHz: <70dB
1 MHz: <45dB
Cross Talk: <60dB

Outputs:

Number:
1 X 8: 8
2 X 4: 4 each amplifier
Level: Unity Gain \pm 3dB
Impedance: 75 Ω \pm 1% source terminated
Frequency Response: \pm 3dB at 0.17Hz
..... \pm 0.1 dB to 14MHz
..... \pm 3dB at 20MHz
Differential Gain: 0.15%
Differential Phase: 0.12°
Propagation Delay: 12nS
RMS Noise, 20MHz Filtered: <60dB
RMS Hum, 20MHz Filtered: <60dB
Output Isolation: >36dB at 3.58MHz
Coupling: DC Servo AC
DC Offset: <200mV
Line Rate Tilt: <0.1%
Field Rate Tilt: <0.1%

Environmental:

Temperature: 0° to 50° C Ambient
Humidity: 10% to 90% non-condensing
Power: 4 watts
AC Voltage: 120/240 VAC

NOTE: For 240 VAC, modification is required. Please notify support or sales at time of purchase.

Mechanical

Height: 1.0 Inch
Width: 5.5 Inches
Depth: 9.25 Inches
Weight: 2.25 Lbs.



The manufacture reserves the right to change specifications without notice

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