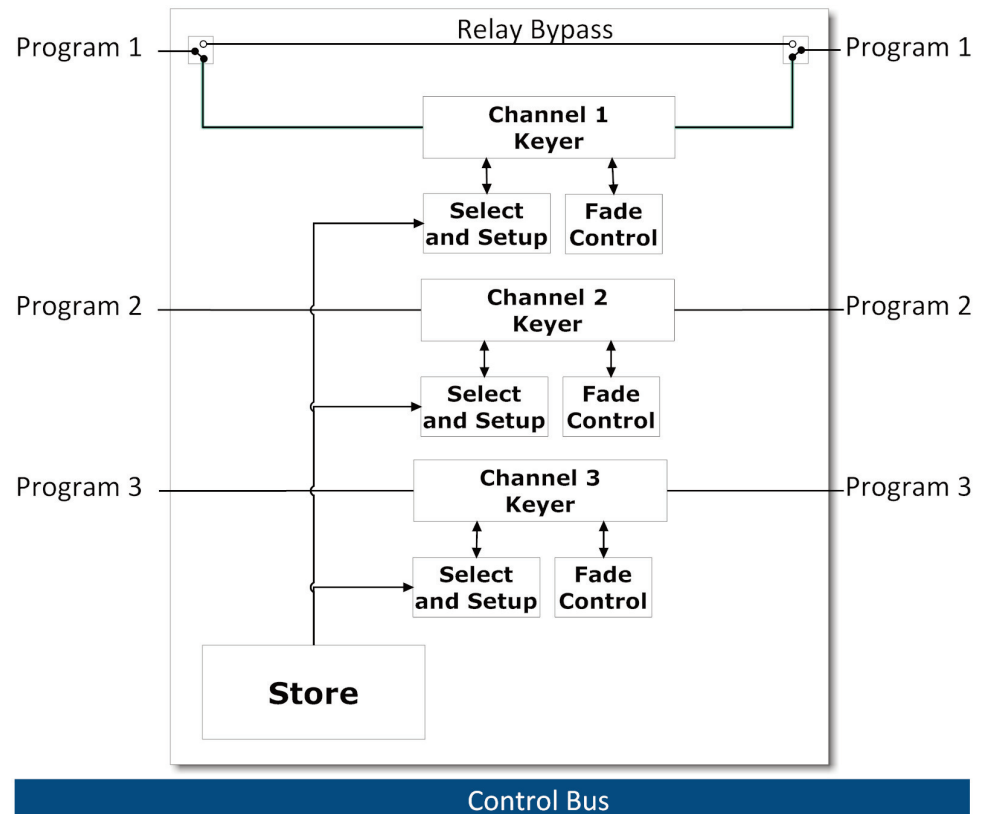


MicroVideo

HDG 3X3

3 Channel still/animated Logo Generator



Features

The HDG 3X3 Logo generator is a 3 channel HD/SD Logo Inserter that will key single static/animated "bugs" over each individual HD or SD signal. The size of each logo is variable up to full screen.

Logos are stored in flash memory and can be quickly accessed via web browser, remote panel, GPI inputs or automation.

With the removable SD card as standard you can have access of up to 500Mb of on-line logo storage space and virtually unlimited archived media storage.

The position of the logo, fade rates, clip association and animation rates are user controllable.

Three channels each with a single static or animated logo

Programmable quick selects for easy recall of complex setups

Removable SD memory for file storage/set up data

Smooth fade for each logo

Ancillary data and embedded audio are passed without modification

Front panel diagnostics: configuration and temperature monitor

Up to 6 HDG 3X3 logo generators per frame giving a possible 18 channels in a 1U frame

Specification

Input

SD/HD Serial Video Standard	SMPTE 424M (3Gb/s) SMPTE 292M (1.5Gb/s) SMPTE 259M (270Mb/s) 1080p/59.94, 1080i/59.94, 1080i/50, 720p/50
Number of Inputs	3 independant Program inputs (inputs must be synchronised to station reference)
Equalization	Automatic to 75m @ 1.5Gb/s with Belden 1694A or equivalent cable.
Return Loss	> 10dB up to 1.5GHz

Output

HD Serial Video Standard	As per input
Number of Outputs	3
Signal Level	800mV nominal
DC Offset	0V ±0.5V
Rise and Fall Time	90ps nominal for HD, 600ps nominal for SD
Overshoot	< 10% of amplitude
Return Loss	> 15dB up to 1.0Gb/s, > 10dB up to 1.5Gb/s
Wideband Jitter	< 0.2UI

Miscellaneous

Weight Approx	250g
Operating Temp	0 °C to +50 °C
Dimensions	16 x 100 x 237 mm (HxWxD)
Electrical	Voltage +5Vdc

Options

Frames/Cases

HD1U-10	Rack mounting 1U frame with single PSU. Allows use of upto 6 Series 200 and 300 cards
HD1U-20	Rack mounting 1U frame with dual PSU. Allows use of upto 6 Series 200 and 300 cards
SA-1-DG	Desktop Box to house single series 300 card (including TCPIP, RS232/422, cables and PSU)

Rear Connections

Program1 In
Program2 In
Program3 In
Program 3 Out
Program 2 Out
Program 1 Out

