9725LG, 9725LGA
SDI Logo and Media Inserter

The 9725LG Logo Inserter is a complete SD Logo Insertion package that will key one, or many, static/animated "bugs" over an SD video signal. Logos created in BMP, TIF or TGA file formats can be imported into the Evertz® Overture™ software and transferred to the 9725LG via Ethernet. Logos are stored in flash memory and can be quickly accessed via front panel, quick select keys, GPI inputs, automation and Overture™. With the removable Compact Flash option you can access up to 8GB of online logo storage space and virtually unlimited archived media storage.

The 9725LGA Media Inserter is a complete Logo and Audio insertion package that will key one, or many, static/animated "bugs" over an SD video signal. It will also duck program audio, insert preformatted audio clips (WAV files) and voiceovers.

The 9725LG and 9725LGA have been designed to manage and store multiple logos. The size of each logo is variable and ranges from 1/25th to full screen. The position of the logo, fade rates, clip association and animation rates are user–controllable. Up to 16 logos can be keyed simultaneously with independent fade control for each logo.

The onboard preview allows you to cue your logos for position and content verification prior to going "On Air". The Media Inserter Voice Over audio input allows for 1–button audio switching.

The EAS crawl support allows for connection to an existing EAS decoder. This RS–232 connection allows weekly tests (white text on green), watch alerts (white on yellow) and warnings (white on red) to be scrolled across the video with no need for format conversion. The variable height text font can be positioned anywhere on the screen and rendered with any TrueType font.
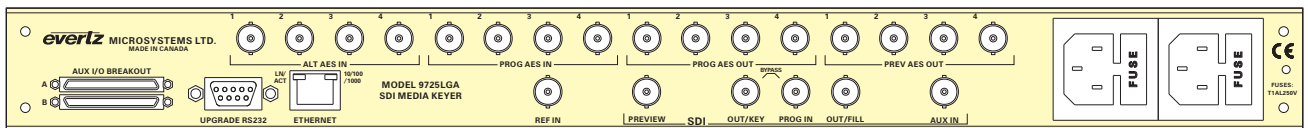
The TXT option allows for the creation of custom text messages that can be displayed as crawls or fixed position fields on top of keyed graphic logos. These user–defined elements can be dynamically updated by Ethernet using the overture™ software. Text crawls and fields retain display information such as background/foreground transparency, color, position and font while the dynamic text may be changed without recreating the associated logo graphics.

▶**Features & Benefits**

- Stores and inserts static or animated logos
- Multiple simultaneous logos can be keyed directly into SD video
- Incorporates a linear keyer that provides various transparency to your logos
- Multi–layer keying
- Provides independent fade control for each logo
- 32 programmable GPI contact closures
- 16 programmable GPO outputs
- Download media from a standard Windows PC running overture™ software
- FTP file transfer and maintenance using overture™ software
- Fade all out capability provided on program video output
- Standard 4GB flash storage with 2GB playout cache
- Program output bypass relay protected
- Preview/Program or key/fill output modes
- Optional redundant power supply
- Optional rackmount or desktop remote control panels
- Optional EAS crawl support for major vendors of EAS Decoders
- EAS supports all new alert codes including amber alerts

- Optional 8GB internal flash storage space
- Optional additional removable memory 4GB or 8GB compact flash storage
- Optional TXT features for scrolling and dynamic text titling (snipes) and crawls
- Up to 4GB playout cache memory options
- VistaLINK®–capable for remote monitoring and control via SNMP (using VistaLINK® PRO)
- Up to 16 logos can be keyed simultaneously, with independent fade control for each logo
- Size of logos are variable from 1/25th up to full screen
- Custom text messages can be displayed as crawls or fixed position fields on top of keyed graphic logos

9725LGA Additional Features
- Associate audio clips to play when logos are faded in
- 1–button alternate audio voice overs
- Quad AES inputs and outputs for discreet 5.1 Dolby

▶ Specifications

Serial Digital Video Input:

Standard:	SMPTE ST 259–1, 270Mb/s
Number of Inputs:	1
Connector:	BNC IEC 61169–8 Annex A
Equalization:	Automatic to 200m @ 270Mb/s with Belden 1694A or equivalent cable
Return Loss:	> 15dB up to 270Mb/s

Serial Digital Video Outputs:

Standard:	SMPTE ST 259–1, same as input
Number of Outputs:	2 Program, 1 Preview
Connectors:	BNC IEC 61169–8 Annex A
Signal Level:	800mV nominal
DC Offset:	0V ±0.5V
Rise and Fall Time:	900ps nominal
Overshoot:	< 10% of amplitude
Wide Band Jitter:	< 0.2 UI

AES Audio Inputs (9725LGA Only):

Standards:	SMPTE ST 276–1 single ended AES
Number of Inputs:	4 (Program), 4 (Alternative)
Connector:	BNC IEC 61169–8 Annex A
Sampling Rate:	48kHz
Signal Level:	1V p–p ±10%

AES Audio Outputs (9725LGA Only):

Standards:	SMPTE ST 276–1 single ended AES
Number of Outputs:	4 Program, 4 Preview
	Background and voice over source assignable for each channel
Connector:	BNC IEC 61169–8 Annex A
Sampling Rate:	48kHz
Signal Level:	1V p–p
Reference:	From Video Reference

Embedded Audio (9725LGA only):

Standard:	SMPTE ST 272–1
De–embedder:	Groups 1 to 2 of embedded audio in video input
Embedder:	Program audio embedded to groups 1 and 2 on program video outputs
	Preview audio embedded to groups 1 and 2 on preview video output

LTC Reader:

Standard:	SMPTE ST 12–1
Frame Rate:	25 and 30 Fps nominal
Connectors:	3–pin female XLR type connector
Level:	0.2 to 4V p–p, balanced or unbalanced

Control:

Upgrade 232 Port:	9–pin female "D", RS–232 57600 baud, 8 bits, no parity firmware upgrade
Remote Panel Port:	9–pin female "D", RS–422 9600 baud, 8 bits, no parity Remote control panel interface (only available on RCP or DCP versions)
Serial Control Port (3 standard):	
	9–pin female "D", RS–232/RS–422 8 bits, no parity, baud rate depends on protocol
Selectable protocols:	Automation, EAS Interface, Temperature Probe Interface
Media Transfers:	RJ–45 1000Base T Ethernet, TCP/IP

General Purpose Inputs and Outputs:

Number of Inputs:	16 (standard) additional 16 (optional)
Number of Outputs:	8 (standard) additional 8 (optional)
Type:	Opto–isolated, active low
Connector:	Terminal block on breakout panel

Physical:

Dimensions:

Electronics:	19" W x 1.75" H x 18.75" D (483mm W x 45mm H x 477mm D)
Rack Mount Control Panel:	19" W x 1.75" H x 4.25" D (483mm W x 45mm H x 110mm D)
Desktop Control Panel:	7.75" W x 2.0" H x 6.5" D (197mm W x 50mm H x 160mm D)

Electrical:

Power:

Electronics:	Auto–ranging 100–240V AC 50/60Hz, 60VA
Optional Remote Control Panel:	12V DC 9W Auto–ranging 100–240V AC 50/60Hz power adapter provided
Safety:	TüV listed Complies with EU safety directive
EMI/RFI:	Complies with FCC Part 15 Class A EU EMC Directive

▶ Ordering Information

9725LG	SDI Logo Inserter System
9725LGA	SDI Media Inserter System

Ordering Options:

+DCP	Desktop remote control panel (replaces front panel control)
+RCP	Rack mount remote control panel (replaces front panel control)
+2PS	Redundant power supply
+TXT	Texting features (includes crawls and text teasers)
+TP	Air temperature probe
+E	EAS crawl insertion (North America only)
+NAS	Network Attached Storage support
+PC8G	Internal Playout Memory expansion to 8GB DRAM
+IF4G	Internal Compact Flash memory expansion to 4GB
+IF8G	Internal Compact Flash memory expansion to 8GB
+MEM8G	Memory Upgrade Kit to 8GB (includes +PC8G, +IF8G, and +CF8G)

Accessories:

+CF4G	External Compact Flash Expansion to 4GB (includes front panel compact flash drive)
+CF8G	External Compact Flash Expansion to 8GB (includes front panel compact flash drive)
9700BHP–AUX	second breakout bulkhead panel for additional GPI/O serial communication ports