

Description:

LDC65HD is a SD/HD logo generator and keyer including three base models: LDC65HD-L standalone logo generator, LDC65HD-K down stream keyer, LDC65HD-LK down stream keyer with internal logo generator. LDC65HD logo/keyer can support 1080i50, 1080i60, 1080Psf24, 720P50, 720P60, 576i and 480i video standard, and provide most flexible configuration in channel branding application. LDC65HD logo/keyer can support up to 3 animation logo as well as clock generation and insert these logos/clock into the program video. It also provides 2 external keyers for CG and other key signal insertion. Separate preview channel is provided for logo and key insertion preview.

**Features:**

- ▶ Support 1080i50, 1080i60, 1080Psf24, 720P50, 720P60, 576i and 480i video standard
- ▶ Logo generator can generate up to 3 animation logos as well as clock
- ▶ 2 external keyers
- ▶ Pass all embedded audio including Dolby E
- ▶ Preview output
- ▶ TC input
- ▶ Local and remote control
- ▶ Dual power supply
- ▶ Relay bypass for program

Specifications:**Serial Digital Video Inputs**

Quantity	5 (Program, fill1, key1, fill2, key2)
Standard	SMPTE 259M-C, SMPTE 292M
Format	486i59.94, 576i50, 1080i50, 59.94, 60, 720p50, 59.94, 60, 1080pSF23.98,24
Connector	BNC
Impedance	75ohm
Return loss	>15 dB (typical) to 1485 MHz

Serial Digital Video Outputs

Number of outputs	4 (Program, Preview, Clean Out)
Standards	SMPTE 259M-C, SMPTE 292M
Frame rate	50 Hz, 59.94 Hz, 60Hz, 23.98 Hz, 24Hz
Connector	BNC
Impedance	75ohm
Return loss	>15 dB (typical) to 1485 MHz

DC offset	0.0 V \pm 0.5 V
Signal level	800 mV \pm 10%
Rise and fall time	<270 ps at 1.485 GHz; 400 ps to 1500 ps at 270 MHz
Overshoot	<10% of amplitude
Jitter	Timing (<1 UI at 1.485 GHz), Alignment (<0.2 UI at 1.485 GHz), Timing (<0.2 UI at 270 MHz), Alignment (<0.2 UI at 270 MHz)

Video Reference Input

Quantity	2 (Loop Through)
Standard	Composite PAL or NTSC black burst or Tri-level analog HD
Level	1 Vp-p
Connector	BNC

Ordering Information:

LDC65HD	Logo Generator and Keyer
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