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SYNLIVE | A SYNAPSE PRODUCT
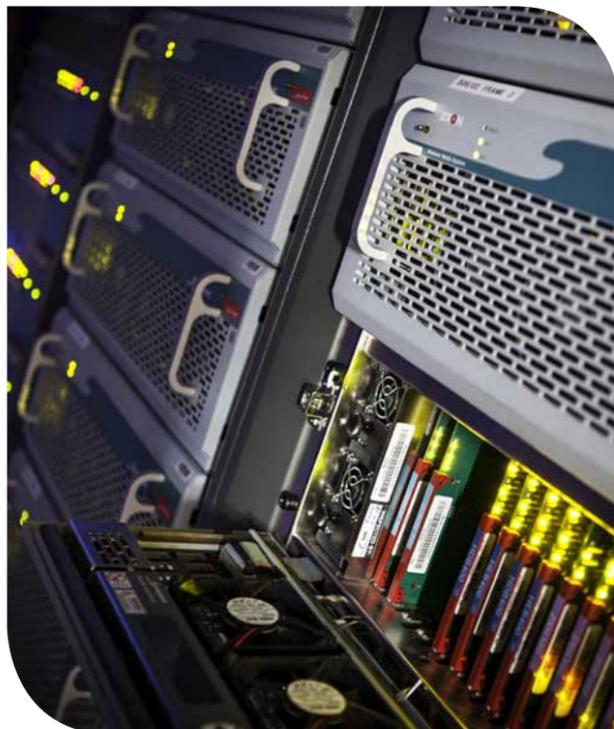
3GB/S, HD AND SD MODULAR LIVE PRODUCTION VIDEO MIXER

SDI MODULAR LIVE PRODUCTION VIDEO MIXER

SynLive is a modular live production video mixer. Offered as one package SynLive consists of a basic setup of modules that can be customized all the way up to a small 4K four wire set
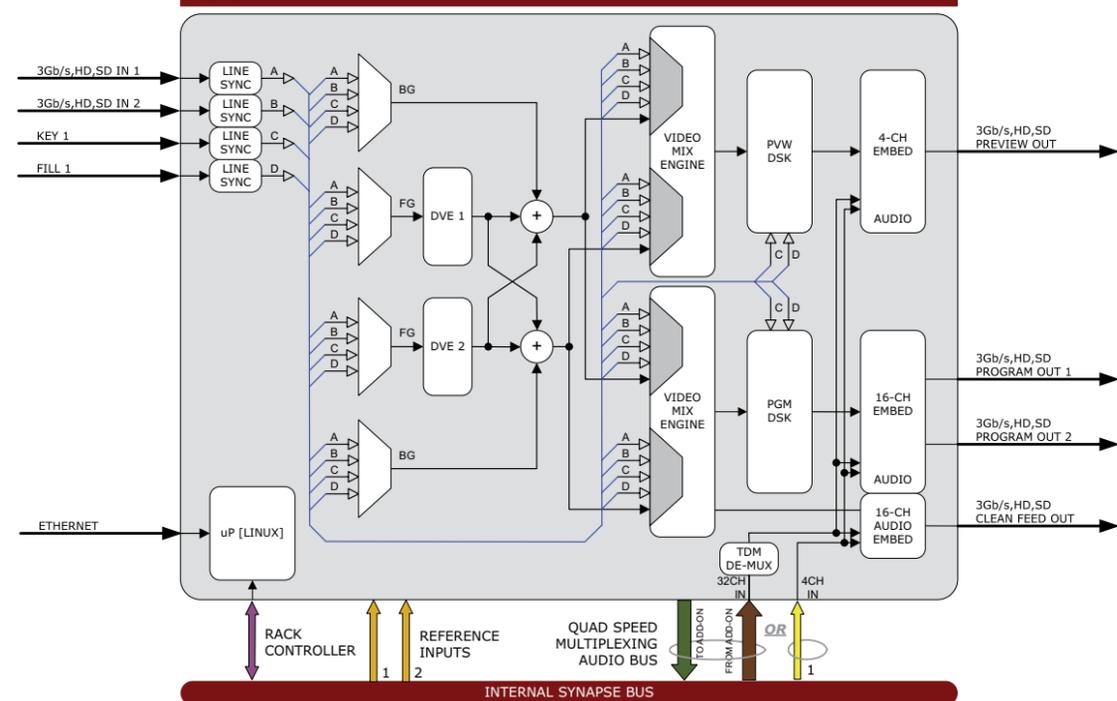
The core of SynLive is a single mix engine (GLP100) with key and fill inputs. This module also provides embedding of the audio signals by use of the Quad Speed Audio bus with an optional DIO88.
The mix engine has 2 DVE's and 2 engines can be cascaded if needed.

A 12 view SynView unit is included as well as a GPS locked Sync Pulse Generator (SPG) with multiple analog and digital reference signals.

The system can be controlled over the Ethernet, by Cortex or using Cerebrum Control Panels. ACP (Axon Control Protocol) and a dedicated Ethernet port are available for control from automation systems.

KEY FEATURES

- High density: multiple channels in one frame
- Hot swappable hardware
- Video transitions: fade-cut, cut, cross-fade, cut-fade, v-fade and wipe
- Audio lead/lag settings
- Dual 2D DVE
- 2 key and fill inputs
- Controlling upstream router through SW-P-08 protocol
- Wide variety of control options
- Hardware panels: LPP1000 dual 12 button source selection, T-bar and 4 programmable LCD buttons
- Preset an setup panel based on Cerebrum optimized for touch screen use
- Expandable with 350 different Synapse modules

The basic package includes:
- 2 Mix engines (2x Key and Fill)
- Upstream router (24x40)
- SPG (optionally redundant)
  - 6x 3Gb/s, HD, SD SDI outputs
  - 4x Analog B&B outputs (compatible with 1080i tri-level Sync)
  - 4x Analog black outputs (compatible with 1080p tri-level Sync)
  - 2x LTC out
  - 1x LTC in
  - GPS in
  - Ethernet
  - DARS out
  - Wordclock out
  - GPI/O
  - 10 MHz in/out
- Dual channel down conversion
- 12 View SynView system

LPP1000 LIVE PRODUCTION PANEL

- Dual 12 button source selection
- T-bar
- Four assignable macro buttons (relegendable LCD)
- T-bar and macro buttons can be swapped when 2 panels are used together
- Ethernet controlled
- Redundant power supply
- 8x GPI in/out for joystick override