datavideo

2800-Series
HIGH DEFINITION SWITCHERS

AUX

▼

| HD | SD |

Switch 8-12 Sources

PROGRAM

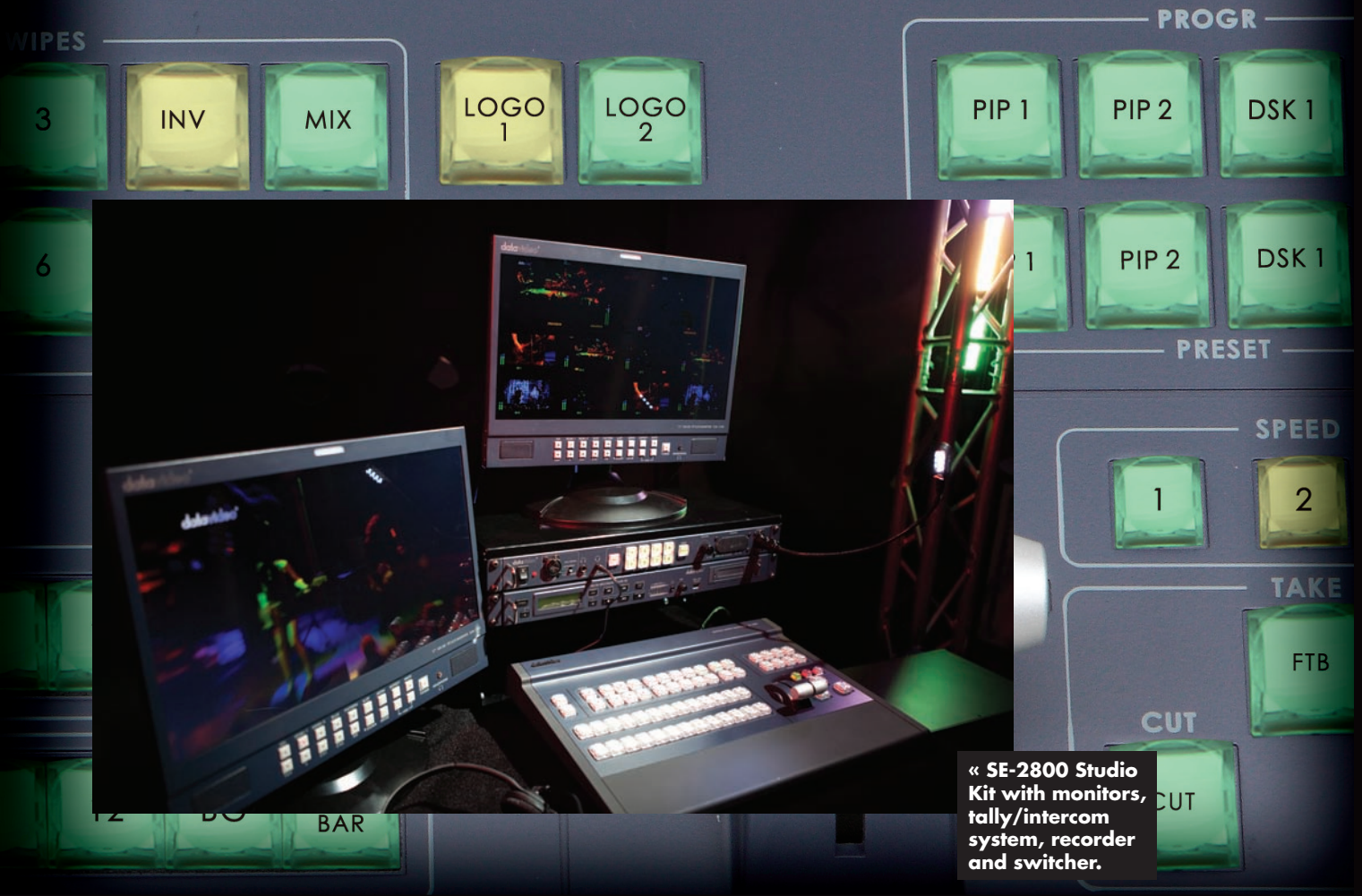| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |

PRESET

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |

Use the 2800-Series to switch 8 or 12 HD and SD sources.

« SE-2800 Studio Kit with monitors, tally/intercom system, recorder and switcher.

What Makes it Special

Support for both HD and SD signals ensures a great range of compatibility with current and future video hardware.

Also, the ability to purchase a complete package helps save valuable time searching for compatible components.

Feature List

- Dual Multi-View Outputs
- Dual DSK with Lumakey
- Dual Picture-in-Picture
- Combo Package Available
- Embedded Audio Supported

SE-2800 HD/SD Switcher

The SE-2800 is a multi-definition switcher designed for the event or activity that needs anywhere from eight to twelve HD or SD input sources. Being one of our most flexible switching solutions, the SE-2800 is able to accept inputs in varying combinations of HD/SD-SDI, HDMI, and Composite Video.

SE-2800 Studio Kit

If a complete package is of interest, look no further than the SE-2800 Studio Kit. This complete system includes the SE-2800 Switcher, combined with a communication system, two tabletop monitors, and a hard drive recorder. The setup provides a wired intercom and tally system with the necessary belt packs, headsets, microphones, and tally lights for each possible camera person. Preview and Program can be seen using the included 17" monitors, and the final output can be recorded using the supplied hard drive recorder.

Dual DSK with Lumakey

Whether interests lay with the SE-2800 switcher as a solitary item or with the complete Studio Kit, both offerings provide a switcher with the same remarkable features. The SE-2800 is made with dual DSK capabilities with Lumakey, allowing two CG elements in front of the final video output.

Dual Picture-in-Picture

The switcher also comes with dual picture-in-picture capabilities. This allows two PiP windows in front of the main program output.

The Ins & Outs

The available inputs on the can be divided into modules, with each module consisting of four BNC connectors and one HDMI connector, a total of five input ports per module. Within each module, four of the five ports may be used, meaning four SDI ports or three SDI ports and one HDMI port. The 8-input SE-2800 Switcher has two modules, while the 12-input model has three modules. Accepted resolutions include 1080i 50/60, 576i 50, and 480i 59.94/60.

For example, on an eight-input SE-2800, one may possibly choose to use four of the SDI ports on module #1. On module #2, one HDMI and three SDI ports may be chosen. Or, all eight SDI ports may be used instead. Alternatively,

DAC-9 Video Converter

CG-300/350

TP-100/200 Teleprompters

DAC-50 Video Converter

AD-100 Audio Delay

VP-445 Distribution Amplifier

Cables

PD-4 Power Distributor

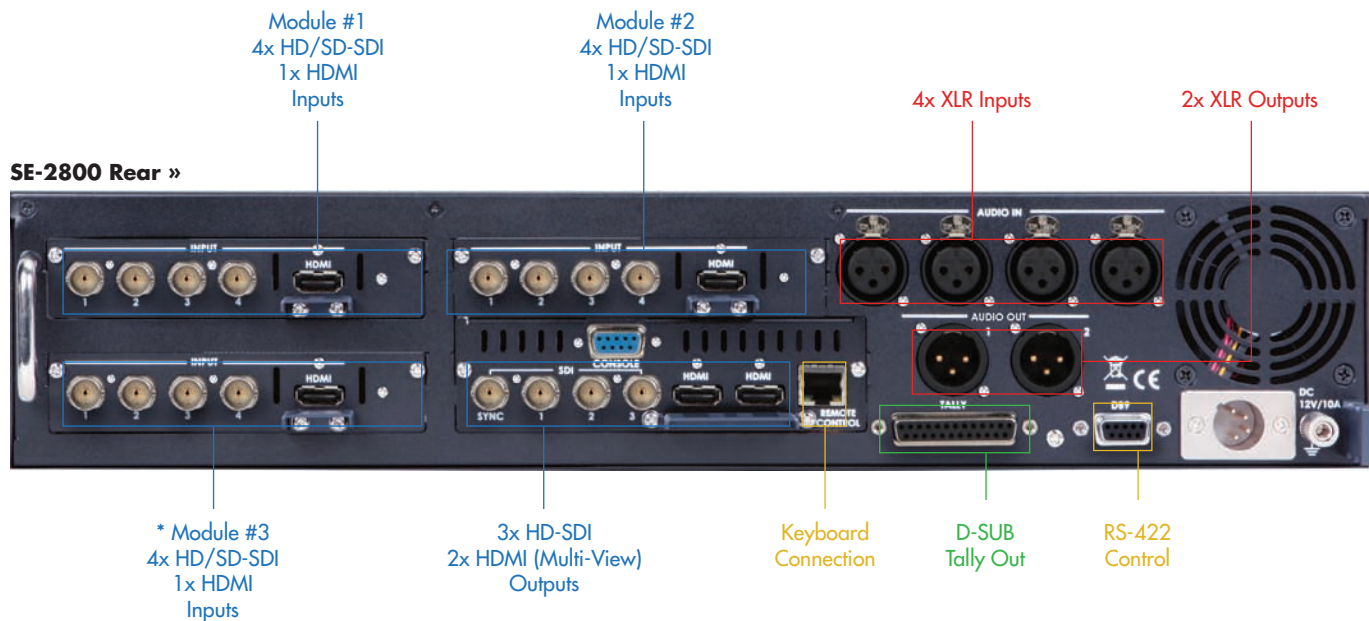one may use six of the SDI ports and two of the HDMI ports.

The audio is more straight-forward. The SE-2800 has four analog balanced XLR audio inputs and two analog balanced XLR outputs. In addition, the SE-2800 supports audio embedding to the HD-SDI outputs.

Expanding the System

- First, the **DAC-9 Video Converter** allows the use of HDMI devices with the SE-2800 Switcher.
- The **CKL-300** provides a solution for chromakey needs.
- If filming with a presenter, the **TP-100 or TP-200**

Teleprompters may be of interest. The TP-100 provides a solution for the iPhone and Android Phone, while the TP-200 allows the iPad or Android Tablet to be used as a teleprompter.

- **DAC-50 SDI to Analog Converter** will easily convert any of the SDI outputs to Composite or Component.
- **AD-100** enables audio delay control from 0 ~ 700 milliseconds.
- **VP-445** allows one HD-SDI connection to be split into four. Using this distribution amplifier will add an extra three HD-SDI outputs to the system.
- **CASDI-50, 100, and 150** are **BNC cables** that offer lengths of 50, 100, and 150, respectively.
- In portable situations, who has time to make clean runs

Module #1
4x HD/SD-SDI
1x HDMI
Inputs

Module #2
4x HD/SD-SDI
1x HDMI
Inputs

4x XLR Inputs

2x XLR Outputs

SE-2800 Rear »

* Module #3
4x HD/SD-SDI
1x HDMI
Inputs

3x HD-SDI
2x HDMI (Multi-View)
Outputs

Keyboard Connection

D-SUB Tally Out

RS-422 Control

* Module #3 is available on the 12-input model only.

■ Video ■ Audio ■ Control ■ Tally

Switcher-Only Contents
• SE-2800 Switcher

Studio Kit Contents
• SE-2800 Switcher
• 2x TLM-170 Monitors
• HDR-55 Hard Drive Recorder
• ITC-100 Intercom/Tally System
   w/ Belt Packs, Tally Lights,
   Headsets, and Microphones

Video Inputs *
• 2x Modules (8-input Ver.)
• 3x Modules (12-input Ver.)

Accepted Resolutions
• 1080i 50/60
• 576i 50
• 480i 59.94/60

Video Outputs
• 2x HDMI (Multi-View PVW)
• 3x HD-SDI

Audio Inputs
• 4x XLR

Audio Outputs **
• 2x XLR

Tally
• 1x D-Sub Connection

Control
• RS-422

Features & Functions
• Dual Multi-View Ouputs
• Dual DSK with Lumakey
• Dual Picture-in-Picture

Special Notes
* Each module allows a choice of
   4x inputs between 4x HD/SD-
   SDI and 1x HDMI. (Choose 4
   of the 5.)

** Embedded Audio to HD-SDI
   output

with their power? If your setup needs to be ready in mere minutes before a show, cable cleanliness is not at the top of the priority list. **The PD-4** will let you use a single power cord with no additional power supplies for the switcher, processor, and other devices that operate on 12V DC. Simply acquire the correct cables, and you're ready to go. In addition, the PD-4 includes two independent AC sources as well as a DC input for battery backup -- mission critical reliability for your switcher, recorder and monitors.

Connecting the SE-2800

The diagram below shows a possible connection schematic using the SE-2800 as the central component. This drawing shows the SE-2800 solitary (not the Studio Kit). The difference between this diagram and one made with the Studio Kit is that the latter will already include two 17" monitors, the HDR-55 recorder, and the ITC-100 intercom/tally system.