

2800-Series

HIGH DEFINITION SWITCHERS

| HD | SD |

Switch 8-12 Inputs

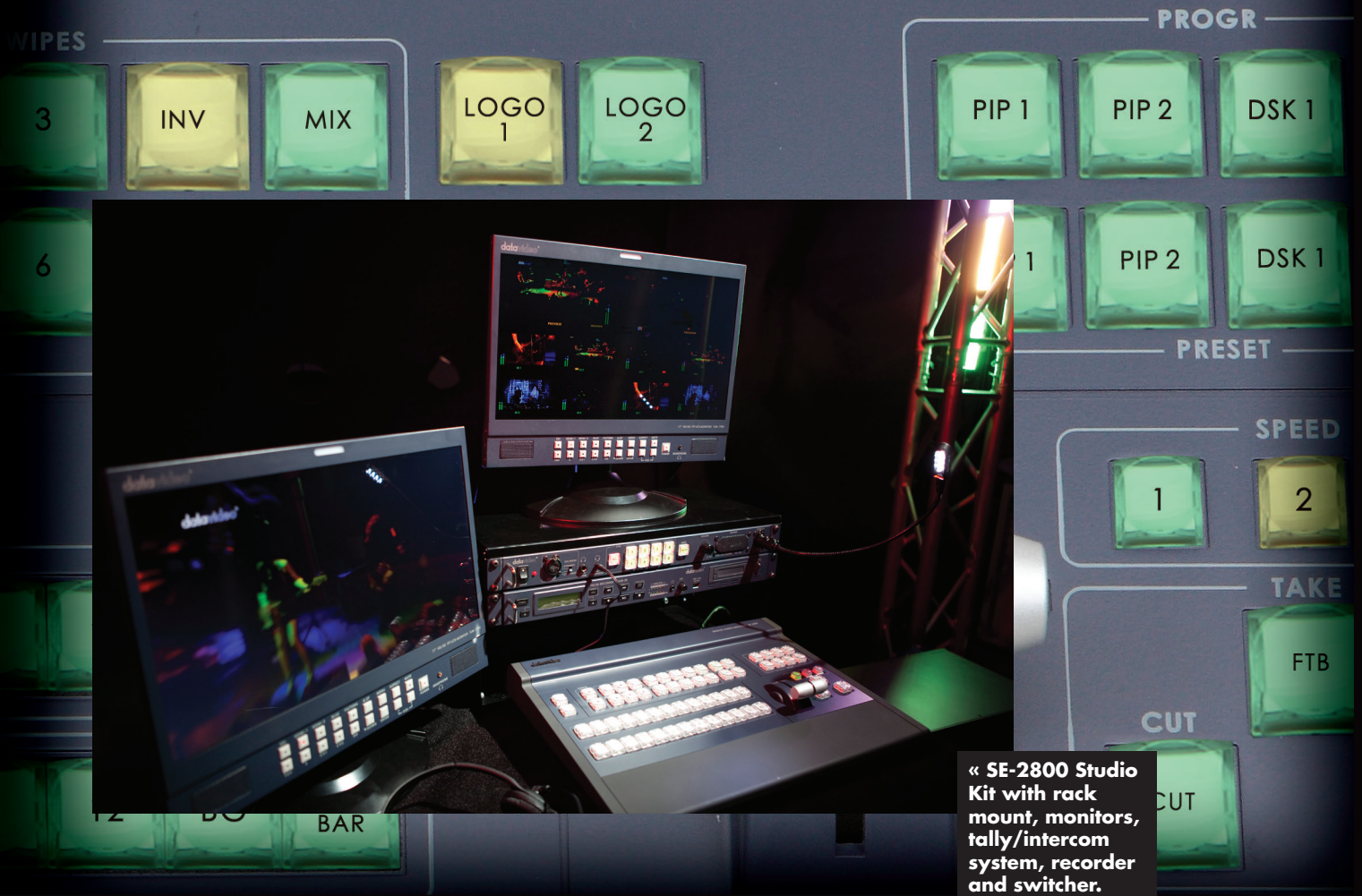


Use the 2800-Series to switch 8 or 12 HD and SD inputs.

SE-2800 8-inputs - **\$6,000** MSRP
SE-2800 12-inputs - **\$7,500** MSRP
Studio Kit 8-inputs- **\$14,030** MSRP

HS-2800 8-inputs - **\$9,000** MSRP
MS-2800A 8-inputs - **\$15,250** MSRP
MS-2800B 8-inputs - **\$19,250** MSRP
4-Channel Upg. Card - **\$1,600** MSRP

*MSRP prices subject to change.



« SE-2800 Studio Kit with rack mount, 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
- Assignable Outputs



“SE-2800 Switcher

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 inputs. 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.

MS-2800 Mobile Studio

The SE-2800 Switcher is also available in an aluminum Mobile Studio that can be carried by hand. The MS-2800A comes with the SE-2800 Switcher, ITC-100

Intercom/Tally System, PD-2 Power Distributor, HDR-70 Recorder, Slide-Out TLM-170HM Monitor, and AD-100 Audio Delay. The MS-2800B comes with everything that the MS-2800A comes with, but also includes the VSM-100 Waveform Monitor/Vectorscope, DAC-50 SDI-to-Analog Converter, and optional PD-2 Power Distributor.

HS-2800 Mobile Studio

The HS-2800 is a more compact Mobile Studio, which comes with the SE-2800 Switcher and an integrated 17” Monitor and ITC-100 Intercom/Tally System, tucked into a neat and durable plastic case. The communication system includes 4x belt packs, tally lights, and headsets.

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, mounted to the included rack mount. The setup provides a wired intercom and tally system with 4x belt packs,



≈ MS-2800 Mobile Studio



≈ HS-2800 Mobile Studio

headsets, microphones, and tally lights. Preview and Program can be seen using the 2x 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 2800 Series 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 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, one may use six of the SDI ports and two of the HDMI ports.

As for video outputs, the SE-2800 has 3 HD-SDI outputs which are individually assignable to Program, Program without Logos, Program without Logos and Titles, Preview, or Auxiliary. There are also two HDMI outputs for a dual Multi-View setup.

For audio, 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.

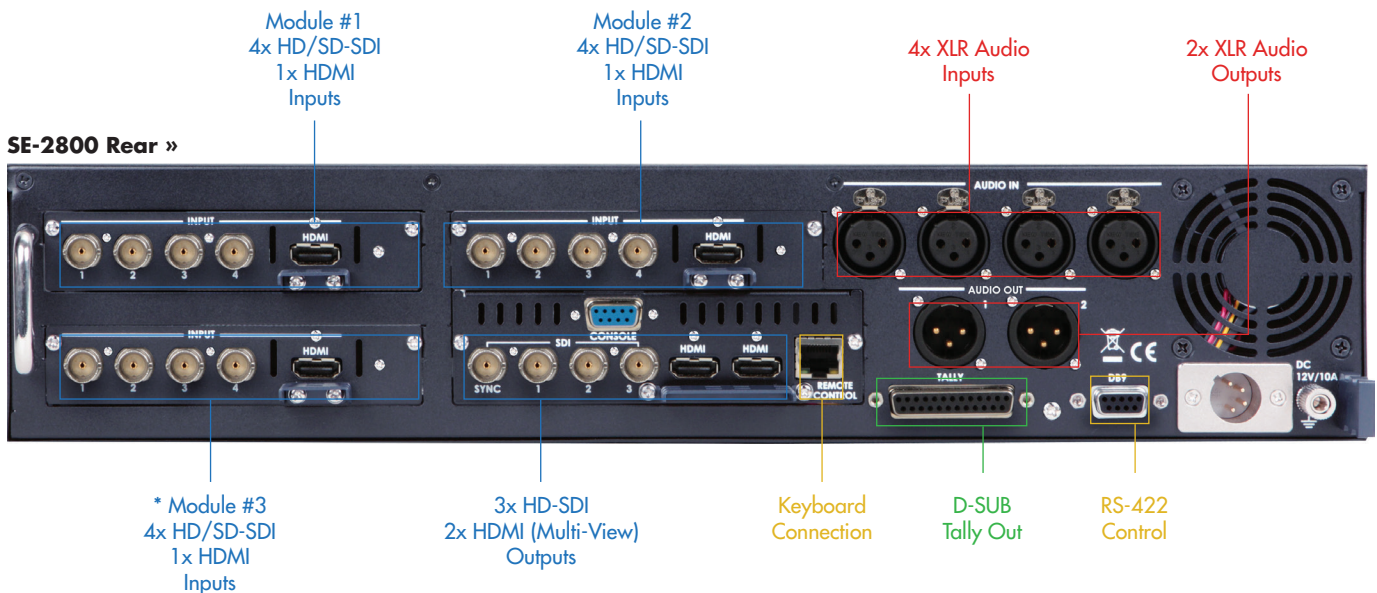
Expanding the System



First, the **DAC-9P Video Converter** allows the use of HDMI video devices with the SE-2800 Switcher.



If filming with a presenter, the **TP-100 or TP-300 Teleprompters** may be of interest. The TP-100 provides a solution for the iPhone® and Android® Phone, while the TP-300 allows the iPad® or Android® Tablet to be used as a teleprompter.



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

2800-Series

Switcher-Only Kit -- SE-2800 Switcher

Studio Kit Contents

- SE-2800 Switcher
- 2x TLM-170 Monitors
- HDR-70 Hard Drive Recorder
- ITC-100 Intercom/Tally System
- Rack Mount

MS-2800 Mobile Studio Contents

- SE-2800 Switcher
- PD-2 Power Distributor
- ITC-100 Intercom/Tally System
- HDR-70 Recorder
- TLM-170HM Monitor
- AD-100 Audio Delay
- DAC-50 Converter (MS-2800B Only)
- VSM-100 (MS-2800B Only)

HS-2800 Mobile Studio Contents

- SE-2800 Switcher
- 17" Monitor
- ITC-100 Intercom/Tally System

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 Outputs
- Dual DSK with Lumakey
- Dual Picture-in-Picture

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

** Embedded Audio to HD-SDI output



DAC-50 SDI to Analog Converter will easily convert any of the SDI outputs to Composite or Component.



ITC-100 -- Provide tally lights and communication. Includes 4x belt packs, headsets, and lights.



AD-100 enables audio delay control from 0 ~ 700 milliseconds.



PCR-300 and PCR-350 provide professional character generation in a ready-to-use rack-mounted workstation.



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.

Connecting the SE-2800

The diagram below shows a connection schematic using the SE-2800 as the central component. This drawing shows the SE-2800 (not the Studio Kit or Mobile Studios).

