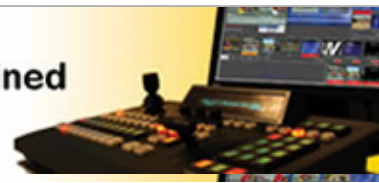


The Switcher Redefined



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Slate 5000

large 2 M/E switcher with Integrated monitoring, clips and graphics



The new Slate 5000 switcher has the switcher capabilities of the top, established 2/ME HD production switchers on the market today. But the Slate 5000 is unique in that it also includes and integrates all of the functionality of an entire live production control room— [switcher](#) , [CG](#) , [clips store](#) , and [monitoring](#) — which none of the others do. It even does aspect and format conversion and routing. The Slate 5000 creates a dramatically more cost-effective price point, far lower than any alternative 2 M/E HD live production suite, which makes powerful HD live video productions suddenly affordable, in both equipment and staffing.

The Slate 5000 is the industry's first live production system to integrate 2 M/E functionality. It allows a single operator to run all aspects of a sophisticated 2 M/E live HDTV production, including complex graphics, animations, clips and effects, as well as control robotic cameras, audio mixers, and video servers.

The Slate 5000 panel and multi-view monitor creates such a strong single point of control that a solo operator can create compelling live productions that require a team of operators in a conventional control room comprised of individual components. Yet the Slate 5000 can gracefully expand to team operation by adding a graphics operator, or by adding more operators anywhere on the system's control network, even at a remote site.

The Slate 5000 can accommodate up to 32 video inputs, six keyers, six DVEs, animated transitions with audio, as well as a multi-view monitor, dual channel clip store for up to 60 hours of QuickTime and MPEG2 clips, Harris Insciber© CG, and five channels of graphics. The panel has two banks of device controls, each of which can be assigned to a switcher function, clip or graphics store, or to control other devices in the studio. The panel features Broadcast Pix's unique PixButtons (patent pending) which display the file names of every clip and graphic on the push-buttons.

The Slate 5000 is exceptionally multi-format. Models include HD/SD, SD only and analog models, or combinations of them. They can simultaneously process 1080i, 720p, SD-SDI, HD analog component, analog composite, Y/C, component, DVI and VGA inputs, with both synchronous and asynchronous signals, in both NTSC and PAL, and in both 16:9 and 4:3 formats without distorting aspect ratios. Slate HD models can output both 16:9 and 4:3 formats simultaneously.

The Slate 5008 provides 8 live inputs plus 2 channels of clips and 5 of graphics. The 8 live inputs can be purchased as all HD/SD-SDI, all SD-SDI, all analog, or a combination of these.



[Slate 5000 includes panel, workstation, monitor wall, character generator, and clip store, plus some have routers \(monitors not included\).](#)



16x16 Router close up

Slate 5016 and 5032 models include an integrated 16x16 and 32x32 router respectively, to increase I/O and redundancy. Slate 5016 is available in HD/SD or SD only and includes a 16x16 router. It provides up to 16 live inputs, 2 channels of clips and 5 graphic, and has 8 auxiliary outputs for program, preview, clips or any live input.

Slate 5032 is HD/SD or SD only. It includes a 32x32 router and can select up to 32 of its inputs, and has 24 outputs.

Two switchers can share a central router by adding a Slate 1000 or Slate 100 to a Slate 5000 switcher. For larger facilities, this greatly simplifies wiring, and lowers cost.

See the Slate family brochure for more specifics.

Fail-Safe and Ready for Primetime

Slate workstations are very reliable for live television, as multiple levels of redundancy are built in to keep the show always on air. All Slate switchers include redundant control panels using the keyboard or the mouse. Optional redundant power is available. The switching is done on the Slate boards inside, not the workstation's CPU, and the switcher automatically keeps a camera on air even if the workstation is unplugged. And all models that include a router feature fail-safe switching, so that if the workstation should ever stop, the cameras can still be switched using a redundant control system between the panel and router.

The Slate 5000 2 M/E (Mix/Effect system) HD switcher expands on the power and functionality of three new Slate 1 M/E HD switcher models. These include the Slate 100 HD, a low-cost integrated, live HD video production studio with a custom keyboard for only \$14,400; the Slate 1000 HD, which adds a professional control panel; and the Slate 3000 HD, which adds an integrated router for more I/O and redundancy. All existing Slate 1M/E customers can upgrade to the Slate 5000.

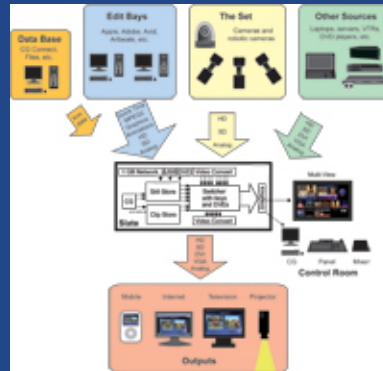


Slate 5000 includes:

- [Video Switcher](#) with 16 button control panel, 6 keys, 6 DVEs and chromakey. Mix 8 to up to 32 live SDI or analog inputs plus 2 channels of clips and 5 channels of graphics.
- Inscrber TitleMotion Pro [Character Generator](#) with animations
- [Clip Store](#) with key, dual channel, 30 hours of storage
- Still Store, Title Store, Logo Generator
- [Multi-View](#) Monitoring with full motion displays of program, preview and 7 sources, slower monitoring of other sources, plus thumbnails of keys and libraries
- DVE on each key for up to 6 resized boxes (PIP)



[Integrated Monitoring close up](#)



[Streamline Workflow close up](#)

Specifications

- Internal processing is pristine 10-bit uncompressed digital
- Inputs can be synchronous and/or asynchronous sources
- NTSC or PAL switchable; 4:3 or 16:9
- Audio for clip stores: SMPTE 272M, plus break-out to XLRs for analog stereo.

Dimensions:

- Control panel table-top or drops into console
inches 15.5 x 31 x 8
centimeters 39 x 79 x 20
- Rack Mounted Workstation (4RU)
inches 16.75x20x7
centimeters 43x51x18
- Router
 - 16x16 1RU
 - 32x32 2RU

- Non-stop, on-air operation, plus the 5016 and 5032 can still switch cameras even if the workstation stops
- **AutoAspect** to enable mixing of widescreen (16:9) and traditional (4:3) cameras, clips and graphics without stretching video.
- Broadcast Pix control panel
- Broadcast Pix router
- Rack-mounted workstation with Broadcast Pix, Inscribe TitleMotion Pro CG, Windows XP, three Slate video boards, triple disks, dual NICs, dual monitor support, r/w DVD/CD, keyboard, mouse (monitor not included)

Options:

- Remote aux control panel(s) 16x1
- Tally box for all live inputs

For Clip Store:

- Clip Store expansion

For CG:

- Another CG seat
- CG Connect, to tie on air CG to a database

Camera Control

- Sony camera control
- Hitachi camera control

Plus

- Audio follow video for control of an audio mixer
- Quad monitor support
- Redundant power for workstation
- Server control
- Extended warranty
- Training

[Back]

Call 1-978-600-1100

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“We selected the Broadcast Pix unit because it eliminated the need to purchase several separate items, such as a character generator.”
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Design - **David Buckley**
Head of Television Production
Lincolnshire Police Department
Lincolnshire, UK

