Livestream Enters the Switcher Market with Livestream Studio HD500: A Truly Portable All-In-One Live HD Production Switcher

Expanding its hardware offering, Livestream solidifies its position as a full-service solution for live video event production with free software version arriving early 2013

NEW YORK, NY – 9/05/2012 – Livestream (Livestream.com), the market leader for live event coverage, today introduces the Livestream Studio HD500, an all-in-one broadcast quality video switcher. The new hardware product features include:

- Live video mixing for multi-camera productions
- Live audio mixing
- Graphics overlay and titling
- Digital video recorder (DVR) and player
- One-click live streaming in HD multi-bitrate to the award winning Livestream Platform
- Up to 5 HD/SD SDI inputs
- 5 video outputs (HD/SD SDI, HDMI, Component, Composite, S-VIDEO)

The Livestream Studio HD500 is available for pre-order today for $8,500 at http://store.livestream.com and will start shipping October 15, 2012. Livestream will also give away five free units in September to selected producers who apply for the early release program at http://store.livestream.com.

"A key part of our mission at Livestream is to make it easier and more affordable for producers and event owners to produce high quality HD multi-camera live streams," said Max Haot, CEO and Co-founder of Livestream. *"Earlier this year, we introduced the Livestream Broadcaster hardware which made livestreaming without a PC possible for single camera productions. We are thrilled to further our mission by bringing to market an all-in-one broadcast quality multi-camera switcher that is truly portable and offered at a disruptive price."*

The Livestream Studio HD500 is designed to perform as a standalone, broadcast quality live video switcher when using live video output (HD/SD SDI, HDMI, Component, S-Video, Composite), and is ideal for applications such as in-venue screen broadcasting, live-to- tape production and network and local television programming, all with or without live streaming to the web.

The first product in the Livestream Studio family, Livestream Studio HD500, is a portable hardware version featuring up to 5 HD/SD SDI inputs and 5 video outputs (HD/SD SDI, HDMI, Component, Composite, S-Video). The product includes a built-in screen and Tom Bihn © bag that can be taken as carry-on luggage for producers on the go to accommodate live events both nationally and internationally. Comparable all-in-one live switcher products in the market are available for approximately $20,000 and are not fully portable, requiring separate screens and large cases that need to be checked on airlines.

In the first quarter of 2013, Livestream will also release software which will work with certified digital video input cards from Blackmagic Design © and webcams. This software will enable customers to transform their PC or Mac computer into a broadcast quality video switcher and streaming hardware device.

The soon-to-be-released software will be free to download when used with the Livestream platform. When using the free software version, the live video output- feature will be disabled. A paid version of the software, which will allow users to stream to any streamingservice provider or in venue screens via the live video output, will also be made available.

About Livestream:

Livestream's mission is to connect people and live events. Livestream offers event owners a complete set of hardware and software tools to share their events with a growing community online. More than 30 million viewers each month watch thousands of live events from customers including The New York Times, Facebook, ESPN, SpaceX and Warner Bros. Records. Founded in 2007, Livestream is headquartered in New York with offices in Los Angeles, London, Ukraine and India. www.livestream.com.

Livestream Studio HD500 Video:

Preview :

http://bit.ly/O9MpmS

Video Player Embed Tag:

<iframe src="http://api.new.livestream.com/accounts/256352/events/1239630/videos/3545153.html?width=640&height=360&autoPlay=false&mute=false" width="640" height="360" frameborder="0" scrolling="no"></iframe>

High Resolution Download:

http://cdn.livestream.com/pressrelease/LivestreamStudioHD500-Video.mov

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livestream studio HD500

All-in-one Portable Live Production Switcher

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Livestream Studio HD500 - Technical Specifications

Livestream Studio HD500	
Live Video Input	• 5 simultaneous HD/SD SDI live video sources when configured for streaming or recording (no live video output) • Or 4 simultaneous HD/SD SDI live video sources when live video out is enabled
Media Sources	• 4 integrated digital media sources for video & graphics playback • 2 DDRs (video clip playback) • 2 GFX (graphics)
Live Video Output	5 live outputs • 1 x HD/SD SDI (Program) • 1x HDMI (Program) • 1 x Composite (Program) • 1 x Component (Program) • 1 x S-Video (Program)
Built-in Multiview	• On-screen full field rate multiview of all live inputs, Preview, Program Out, 2 GFX and 2 DDR • Audio PPM overlay with peak hold feature on all inputs and outputs • Resizable layout allowing hiding of all controls to maximize multiview screens • Latency from SDI input to multiview : 5 Frames
Video Switcher/Mixer	• 1 x Mixer & Effects Bank (M/E) with no upstream keyer • Transitions • Fade (Auto transition with adjustable duration in frames, manual via on-screen T-BAR or keyboard shortcuts) • Cut • SMPTE Wipes**

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Graphics Downstream Key	• 2 x Graphics DSK (downstream key) channels. One channel for GFX1 and one channel for GFX2 • Independent or locked transition controls (fade/cut), positioning**, scaling**, cropping** • Preview on multiview
Graphics & Titling (GFX 1 & 2)	• Load JPG or PNG files (full transparency support with PNG files) • Add text (set position/font/size/color) over any loaded image file within the GFX1 or GFX2
Video Clip Playback (DDR 1 & 2)	2 x DDR sources with : • Eject/Load clip • Play • Pause/stop • Audio/Video Scrubber • Timecode indicator • Seek to timecode • Mark In/Mark Out (set and type in option) • Loop • Auto-play on transition
Recording	• AVI MJPEG with uncompressed audio • Configurable bit rate • Interlacing and timecode support
Recording Capacity	• ~10 hours at 1080i (Using 500Gb built in Hard Drive with recorder set to record at 100Mbps MJPEG AVI).

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Live Streaming	HD live streaming via Gigabit/100/10 built-in Ethernet • Presets in up to HD 720p • Multiple Adaptive Bit-Rates including mobile quality for playback over 3G on mobile devices (iPhone/Android) • Simultaneous MP4/AAC file archive of all bitrates renditions
Audio Inputs	• Up to 5 stereo inputs from SDI Embedded inputs with user selectable left/right channel from any of the 8 SDI embedded audio channels • 4 Channels of professional balanced analog audio via 1/4" jack connectors
Audio Outputs	• Stereo out from mixer embedded in the SDI output • 1 Stereo 1/8" for live headphone monitoring (Ability to select master output mix or individual inputs)
Audio Mixing	• Integrated multi-channel audio mixer for internal and external audio sources, outputs, stream and headphones • Incorporated video switcher follow feature with audio crossfade support when fading two video source
Supported Formats	• HD: 720p50, 720p59.94, 720p60, 1080PsF23.98, 1080p23.98, 1080PsF24, 1080p24, 1080PsF25, 1080p25, 1080PsF29.97, 1080p29.97, 1080PsF30, 1080p30, 1080i50, 1080i59.94 and 1080i60 • SD: 625/25 PAL, 525/29.97 NTSC, 525/23.98 NTSC
Playback Media Formats	GFX : • JPEG • PNG image files with transparency support DDR : • AVI MJPEG with uncompressed audio • MP4 (AAC/H264)**
Record Media Formats	• AVI MJPEG with uncompressed audio

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Operating System	• Windows 7 Professional (64 bit)
Built-in Display	• Integrated 17" WUXGA+ (1920X1200) HD Display
CPU	• Intel "Sandy Bridge-E" Core i7 3930K 3.2 GHz Six-Core processor, 12MB L3 cache, 130W, Socket LGA 2011
Graphics Card	• Nvidia GeForce GT 520 Commercial Series PCI Express graphics card
RAM	• 8GB4 total DDR3 1333 MHz RAM (non-ECC) (2GB x 4 DIMM triple-channel configuration)
Processing	• Video: 4:2:2, 10 bit Color (REC 601, REC 709) • Audio: 48 kHz, 24-bit • SDI input to SDI output latency : 3 frames • REF IN/Genlock (Requires genlocking the two Blackmagic cards via two separate connectors)
System Physical	• 5.8" (D) x 12.40" (H) x 16.75" (W) • ~ 15 lbs
Built-in Video Input/Output Cards	• Blackmagic Design DeckLink Quad (PCI): http://www.blackmagicdesign.com/products/decklinkquad/ • Blackmagic Design DeckLink Studio (PCI): http://www.blackmagicdesign.com/products/decklink
Included in the box	• Carry-on bag • Protective screen cover panel (screw on) • Keyboard • Mouse • Power cord • 5 BNC Female to DIN 1.0/2.3 RG-59 SDI Cable (for SDI inputs on Blackmagic Quad card) • Blackmagic Cards documentation and driver CD • Warranty

** Feature not yet available but will be made available via free online software update.