CLIPBOX

Multichannel Newsroom Production Playout

Powerful and intuitive

CLIPBOX is our new powerful and intuitive multichannel production playout for professional studio environments. It enables you to easily create rundowns for multiple players and control their playout. The system provides signal output via SD-, HD- or UHD-SDI that may e.g. be used as source feed for downstream video switchers (vision mixers).

It essentially consists of two applications, the CLIPBOX scheduling and control client as well as the VideoServer playout.

Functional and easy to use

CLIPBOX offers a clearly arranged and customizable user interface that supports multiple languages. It enables you to search for and use video files that are either registered in the CLIPBOX database or located in watchfolders.

With CLIPBOX you can create rundowns via drag and drop, save them as sets and group multiple clips within a set. Every group can be played individually. The XML-based interface enables you to import sets from external systems.

In addition it offers a frame-accurate preview and allows you to record and trim files, supports edit while capture mode and logs every played clip.

Extensive format support

CLIPBOX works for SD, HD and UHD contents and supports all current standard broadcast formats.

Extensive control capabilites

The system can control up to 16 channels concurrently and has a sophisticated redundancy concept. In order to be controlled by various external applications or devices it supports AMP (Advanced Media Protocol).

KEY FEATURES

- Support of HD and UHD contents
- Customizable multilingual user interface
- Full text search and individual search filters
- Easy playlist (rundown) creation via drag and drop
- Creation of placeholders for files that are not physically available yet
- Grouping of files within sets
- XML-based import of sets from external systems (e.g. Annova OpenMedia)
- AMP support (Advanced Media Protocol), that enables the system to be controlled by external applications and devices
- Support for up to 16 concurrent channels incl. redundancy
- Playback options like Autofollow, Cue black, Cue last, Loop, etc.
- Frame accurate preview of files
- Recording and trimming of files incl. edit-while-capture mode
- Logging of all played clips (AsRunLog)

hms media solutions

HMS media solutions GmbH
Universitaetsring 6
06108 Halle/Saale (Germany)

T +49 (0) 345 678 789 0
F +49 (0) 345 678 789 99
info@hms-dev.com

facebook.com/hmssolutions
twitter.com/hmssolutions
www.hms-dev.com

TECHNICAL SPECIFICATION

CLIPBOX

CLIENT (SCHEDULE AND CONTROL)	
When installed on dedicated hardware	
System type	Dedicated workstation with standard specs (existing customer hardware can be used)
OS	Windows 7 or 10
RAM	8 to 16 GB
Network	1 x 1 or 10 GbE
When controlled by external applications or devices	
Communication prototocol	AMP (Advanced Media Protocol)

SERVER (PLAYOUT)	
OS	Windows 7 or 10
RAM	16 to 64 GB
Network	2 x 1 GbE + 2 x 10 GbE
Graphics memory	4 to 8 GB GDDR5
IO throughput	Up to 1.5 GB/s
HDD capacity	3 to 20 TB
INPUT / OUTPUT	
File format support	
SD / HD / UHD	Supports all current standard broadcast formats, e.g. XAVC, ProRes and XDCAM HD
Resolutions and frame rates	
SD	576i @ 25 x 720 480i @ 29.97 x 720, 704
HDV	720p @ 50, 59.94 x 1280
HDTV	1080i @ 23.976 | 24 | 25 | 29.97 | 30 | 50 | 59.94 | 60fps x 1920
UHD	2160p @ 23.976 | 24 | 25 | 29.97 | 30 | 50 | 59.94 | 60fps x 3840
Audio / Video	
SD-SDI	SMPTE 259M
HD-SDI	SMPTE 292M
6G / 12G UHD-SDI	SMPTE ST 2081 / SMPTE ST 2082
Output channels	
SD	16
HD	8
UHD	2
Recording formats	
HD	XDCAM HD 422 (MXF OP1a)
UHD	XAVC-I Class 100, 300 Single file (MXF OP1a)

SERVER (PLAYOUT)	
Physical dimensions	
H x W x D	3.41 x 17.0 x 28.37 in (29.78 in with bezel), 2U 86.8 x 434.0 x 720.8 mm (756.5 mm with bezel), 2U
Weight	min. 55 lb (25 kg)
Power	
Input	100 V to 240 V, 12 A to 6.5 A, 50 Hz to 60Hz
Wattage	1023 W on 100 VAC to 120 VAC, 1100 W on 200 VAC to 240 VAC
Maximum heat dissipation	4774 BTU/hr
Environmental	
Operating temperature	50 °F to 95 °F (10 °C to 35 °C)
Storage temperature	-40 °F to 149 °F (-40 °C to 65 °C)
Relative humidity	20 % to 80 % (noncondensing)
Quality mark	CE
Safety compliance	IEC 60950-1, EN 60950-1
EMC compliance	CISPR 22 / CISPR 24, EN 55022 / 55024
RoHS compliance	EU RoHS Directive 2011/65/EU

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