EVERYTHING YOUR CHANNEL NEEDS INSIDE A SINGLE SYSTEM

CHANNELMAKER-IN-A-BOX

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CHANNELMAKER-IN-A-BOX
Everything your channel needs inside a single system

ChannelMaker-in-a-box is a robust single-rack unit system that does the job of a traditional automation system. It combines with wTVision Media Playout Server (video server), a real-time graphic engine and other add-ons, delivering a complete and ready-to-use playout solution.

wTVision simplified its playout solution to fit everything necessary to manage a TV channel inside a single box.

The advantages include easy installation, easy operation, high reliability, easy maintenance and a ready-to-ship configuration for simplified deployment.

READY TO USE

It was designed to meet the demands of a wide variety of applications:

- **Single-channel playout** - if you're just starting out
- **Channel expansion** - add a channel to your existing portfolio
- **Data center playout** - if you're running a playout data center
- **Disaster recovery/backup** - simple solution to create redundancy for your main tv channel
WHAT IS INSIDE THE BOX?

ChannelMaker-in-a-Box includes the core structures needed for your playout automation.

SCHEDULING
ChannelMaker Sequencer is a schedule creation tool for the management of your TV Channel’s rundowns. You can also import playlists from external traffic systems and then edit these in ChannelMaker Sequencer for final adjustments.

PLAYOUT
ChannelMaker Playout is responsible for the full automation of your channel, controlling the Video Server, Graphic Engine, GPI Triggers and Routers in real time for a full MCR solution in a single box.

VIDEO SERVER
wTVision’s Media Server is the component responsible for seamless continuous playout of your media with audio loudness control. The “in-a-box” version has been tested with a limited set of codecs to guarantee uninterrupted 24/7 playout with maximum reliability.

CHANNEL BRANDING
Scene Designer to easily create your 2D and 3D graphics. Pre-built scenes and channel logos so you can get started quickly adapting ChannelMaker to your channel’s branding.

GRAPHICS CONTROLLER
Real-time 3D graphics playout engine that will play your secondary events’ scenes and image sequences and composite them with the Media Server to produce a single integrated video and graphics output.
KEY FEATURES

- Licensing for SD or HD
- wTVision’s video server that supports multiple broadcast codecs
- External GPI triggers or your own output
- Media validation tools
- Media check
- Run reports
- Traffic OSC, XML, CVS, JSON (see formats for details), BXF
- FTP media access
- Playout logging and error reporting
SPECIFICATIONS

STORAGE
- 250 GB SSD OS
- 12TB Media Storage Raid 5

CPU
- INTEL XEON E5-1630V4

GPU
- NVIDIA GT740

VIDEO CARD
- **SDI Video Input**
  1 x 10-bit SD/HD. Supports 6 Gb/s 4:2:2 and 3 Gb/s 4:4:4
- **SDI Video Output**
  1 x 10-bit SD/HD. Supports 6 Gb/s 4:2:2 and 3 Gb/s 4:4:4
- **SDI Audio Input**
  16 Channels embedded in HD
  8 Channels embedded in SD
- **SDI Audio Output**
  16 Channels embedded in HD
  8 Channels embedded in SD
- **Sync Input**
  Blackburst in SD, 720p50, 720p59.94, 1080i50 and 1080i59.94 formats or Tri-Sync in any HD.

VIDEO SERVER LITE
- **Video Codecs**
  XDCAM, IMX30, IMX40, IMX50, MPEG2, DVCPRO25, DVCPRO50, DVCPRO100
- **Audio**
  PCM Audio Max 16 Channels
  Secondary Audio Track with crossfade

AUTOMATION OPTIONS
- **GPIO/LTC**
  4 GPIO Inputs
  - Take Next Item
  - Take Anchor Item
  - Hold on Event
  - Unhold Event
- **GPI Output**
  Secondary Events GPIO(1), GPIO(2), GPIO(3), GPIO(4)

TIMECODE
- **LTC Reader** with options BNC, RCA, Mini XLR

VIDEO ROUTER OPTIONS
- Create live input source primary events
- Supported video routers:
  - Evertz
  - SAM
  - Blackmagic

OPERATING SYSTEM
- Windows 10 Pro 64 Bits
Start building your channel right away

CONTACT US NOW

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