



>> Next-Gen Playout for Every Broadcasting Need

XPlayout is the powerful playout and automation engine at the heart of the XTV Suite, designed specifically for professional TV broadcast operations. Delivering automatic and unattended efficiency around the clock, XPlayout ensures seamless video playout, intelligent scheduling, and comprehensive automation for your broadcast facility.

Whether you're running a TV station, satellite channel or FAST channel, newsroom, or web TV operation, XPlayout adapts to your needs. Corporate TV, hotel pay TV channels, museum information channels, and video wall displays all benefit from XPlayout's intuitive, user-friendly interface and robust automation capabilities.

/// Overview

Channel In A Box (CIAB) Architecture

XPlayout delivers advanced Channel In A Box functionality that combines the reliability of traditional playout systems with the cost-effectiveness of CIAB solutions. This innovative automation system ensures linear scalability for your TV playout facility. Start small and expand seamlessly as your broadcast needs grow, without compromising performance or reliability. Multi-channel TV stations, TV networks, and FAST channel operators will benefit from XPlayout's scalable structure and universal file compatibility.

Universal Format Compatibility & I/O Support

Designed to achieve true universal format compatibility, XPlayout plays out any kind of media in any resolution with automatic adaptation. Whether you're working with DV, HDV, MPEG-2, MPEG-4, H.264, H.265, QuickTime, AVI, MXF, XDCAM, PRORES, DNXHD, GXF, or LXF files, XPlayout handles them seamlessly across any frame rate or resolution.

Hardware Compatibility: Compatible with video cards from AJA, Blackmagic, Bluefish444, DekTec, Deltacast, Magewell, Stream Labs, and Yuan.

SDI & IP Workflows: Full support for HD, 4K, and 8K SDI workflows plus comprehensive IP I/O including NDI, SMPTE 2022 & SMPTE 2110 (optional, with compatible video cards). Play and mix any media format according to your production workflow and codec requirements.

Streaming & Cloud: Advanced streaming protocols (UDP, RTMP, HLS, RTSP, RTP, HTTP, SRT) with internal IP encoder for output via UDP to external multiplexers or RTMP/HLS/RTSP/SRT streaming to cloud servers. GPU-accelerated H.264/H.265 compression is available with NVIDIA GTX cards.

Advanced Playout Automation Features

Dynamic Playlist Management: Real-time playlist control without black frames or freezes, unlimited playlist length with automatic clip skipping and cutting when late, duration stretching when ahead of time, and automatic filler insertion for gap handling.

Professional Scheduling: Advanced scheduler with sequence loop functionality and intelligent automation for unattended 24/7 operation.

Live Input Integration: All configured live sources (NDI, SDI, WebRTC) displayed in preview window with on-screen VU meters, audio waveform, audio pre-listen, fast "take to air" button, and 2x2 multiviewer option.

Broadcast Standards: SCTE-104 and SCTE-35 support for ad insertion workflows, plus EAS (Emergency Alert System) support with customizable on-screen graphics and multi-channel capability.

Streamlined Workflow: No database required – metadata saved directly into media files, allowing easy file renaming, copying, and moving. Complete status and playout logging with XML export for processing and printing.

XPlayout Cloud: Next-Generation TV Playout Automation

XPlayout Cloud transforms your playout automation with a cloud-native architecture designed for physical or virtual machines at your data center or preferred cloud provider. Access playout and management applications through any web browser using RDP over HTML technology, with automatic UI scaling for any device.

Multi-User Access: Up to three simultaneous users can control playout, media upload, trimming, and playlist management concurrently, with audio monitoring and preview streamed directly through the web browser.

Flexible Output: Configure final IP output in multiple formats (RTMP, SRT, HLS, DASH) with desired scaling, while SCTE-35 triggers are available in SRT, UDP, and HLS streams. WebRTC and SRT input formats are supported for high-quality, low-latency operations.

Why Choose XPlayout for Your TV Playout Automation?

XPlayout combines proven broadcast automation reliability with modern flexibility that today's broadcasters demand. From traditional SDI workflows to cutting-edge IP and cloud deployments, this comprehensive playout automation solution ensures your content reaches your audience with precision and consistency.

Whether you need a complete Channel In A Box solution for traditional broadcasting, FAST channel deployment, or want to enhance your existing facility, XPlayout's scalable architecture adapts to your unique requirements while maintaining the 24/7 reliability critical for professional broadcasting operations.

Ready to revolutionize your TV playout automation? Discover how XPlayout's Channel In A Box technology can streamline your operations and deliver the reliability your audience expects.



**For more information
about XPlayout,
visit our website**



/// Features

General

- All in one broadcast 4K – 2K – HD – SD playout
- Complete workflow management tools: scheduling, trimming, graphic composer
- Real-time capture from SDI-NDI-IP
- Multiple codec playout in the same playlist with resolution and frame rate automatic adaption
- Multiple format playout, automatic up/down scaling and aspect ratio adjustment (16/9, 4/3, etc...)
- File sharing on LAN architecture
- Direct file playout from NLE (no transcoding)
- Up to 16 audio channels management
- Simultaneous NDI output
- Direct streaming output transport stream MPEG2 and H.264 codec, or RTMP
- Automatic management of time during playout (delay/ ahead) with filler
- Live source full handling inside the playlist control of VTR, Switcher, GPI to Cart Machine
- Multichannel and high availability configurations
- Hot Key feature for instant videos playout
- Graphic overlay: logos, clocks, tickers, animations
- High quality squeezeback with animated background
- Subtitles in overlay and Closed Caption
- Clip trimming and Metadata for advertisement graphic contents
- Support of SCTE-104 and SCTE-35 commands for AD Insertion
- Support of EAS (Emergency Alert System)
- User friendly playlist view with explicative colour scheme
- As run and system logs for certification

Versions

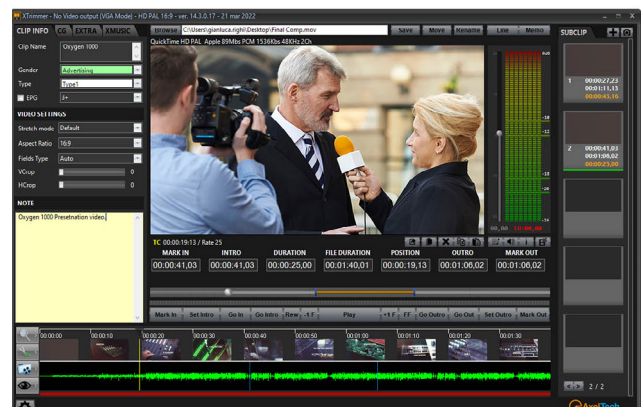
- XPlayout (Software for 1 Playout)
- XPlayout Compact (Software+Hardware for 1 Playout)

Tools Included

- XTrimmer > Metadata injector and quality control
- XScheduler > Offline playlist management
- CGComposer > CG template creator
- XLogsViewer > As run logs viewer
- XInfo > Playlist information display
- XRouter > Routing switcher sharing on LAN
- XRemote > Remote control or routing switcher
- XEmergency > N+1 playout redundancy (needs XPlayout licence)

Options

- XIngest
- XMirror
- ST2110 Plugin



For more information
about XPlayout,
visit our website

