

3Play™ 440

The same set of live sports production tools as 3Play 4800 – but sized and priced for smaller programs – makes 3Play 440 a complete, integrated sports production system for mobile and regional producers who deliver small to mid-sized live sports.

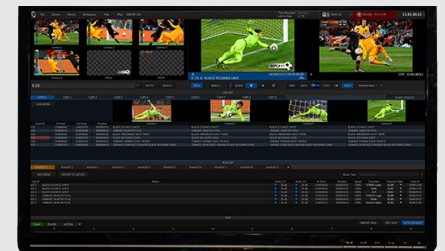
With more real-time capabilities than any other multi-camera replay server around, this single turnkey solution raises the bar for visual quality, format flexibility and revenue opportunities – even in standalone environments where a traditional production switcher isn't available.

Now, it is not only possible for mobile and regional producers, colleges and conferences, and mid-size venues to deliver slow motion, instant replay, and social media publishing – it's necessary, in order to meet the expectations of today's viewers.

Compact and highly flexible, 3Play 440 lets producers experience greater creative freedom, integrate smoothly into any location, and produce stunning slow motion, instant replay, in-game highlights, and social media sports - on any screen – serving officials, fans and sponsors alike.

At a glance

- **All-in-one Solution**
4-camera capture, replay, switching, slow motion, highlights, effects, color correction, social media publishing, playback – all in the same system
- **ISO Recording**
Multi-track ISO capture of up to 4 sources allows for immediate delivery to post-production
- **HD Storage**
Up to 140 hours of hot-swappable HD storage
- **Space-saving Mobility**
Highly flexible mobile and small-space integration
- **Automated Features**
Extensive automation for simplified production when using a smaller crew
- **Built-in Protection**
Software and hardware fail-safe protection



Video Input	<ul style="list-style-type: none"> Up to 4 simultaneous live video sources, in any combination of supported connection types, resolutions and frame rates (including PsF selections), with third-party video router support - Direct input of cameras and video devices in any combination of HD-SDI, HD Component, SD-SDI, SD Component, Y/C (BNC) or Composite connections - Compatible with external video routers manufactured by AJA, Blackmagic Design, Ensemble Designs, Miranda, Utah Scientific, and brands supporting Grass Valley Native Protocol - Per-input format configuration, scaler (including 3:2 intelligent pull-down) and frame synchronizer enabling intermixing of formats - Optionally enable automatic color correction and shading to dynamically match color characteristics between inputs
Video Output	<ul style="list-style-type: none"> 2 fully independent playout channels, individually configurable for output via SDI or Analog (configurable for Component or Y/C + Composite) - HDMI output that follows the actively-controlled playout channel - 2x VGA display ports for auxiliary monitoring or display, with independent color control - Ethernet connection for A/V output over a local network to TriCaster
Output Modes	A; B; A+B with transitions between playout channels
Recording	Simultaneous recording of up to 4 live video sources
Recording Format	Native recording up to 1080p resolution in high-quality QuickTime format
Recording Capacity	<ul style="list-style-type: none"> Accommodates ~140 hours 1080i via 3TB internal drive and 3TB removable media drive (included) - Trayless SATA III removable drive bay with hot-swap support for extended storage and backup - Simultaneous recording of 2 channels per drive
Playback	<ul style="list-style-type: none"> Multi-speed playback via T-Bar or transport buttons - Dual range modes for 0% to 100% playback speed or -200% to 200% playback speed (supports fast reverse)
Grab	Grab still images from output or all inputs and outputs
Media Publishing	Integrated application for content upload to YouTube, Facebook, Twitter, FTP, local volumes, or network servers
Overlays	1 overlay per playout channel, with independent transition, positioning, scaling and cropping, and support for picture-in-picture layering of live camera, playback angle, game clock signal and more
Network Inputs	<ul style="list-style-type: none"> 2 live inputs for overlay application via Gigabit connection, selectable from any available network sources with support for video, audio and alpha channel - Supported sources include networked computers via NewTek iVGA client application; wireless Apple AirPlay devices; NewTek LiveText remote titling software; and a variety of third-party partner solutions
Buffers	<ul style="list-style-type: none"> Content buffers to store and playback animations, still images and graphics for overlay application - Shareable across local network for watch folder application, with real-time edit and update of content
Effects and Transitions	<ul style="list-style-type: none"> Standard transitions and customizable animation store transitions supported for transitioning between playout channels and playlist clips - Animation Store Creator application included for custom transitions and effects - Integrated TransWarp effects engine supports per-pixel alpha blending between sources, real-time 3D warping of video or graphics, and embedded audio
Asset Management	<ul style="list-style-type: none"> - FastClip information window displays asset data and collects keyboard and control surface input for data entry, editing, navigation, search and management - Tags system to enter and organize metadata via user-defined codes, with support for Microsoft Excel list import - Bookmarks to define and transport to action points - Supports integration with external MAM platforms, including axle Gear and Square Box Systems CatDV
Scoreboard Integration	Display real-time scoreboard data in on-screen graphics over local network via NewTek LiveText or third-party partner solutions

Monitoring	<ul style="list-style-type: none"> - Resizable, full field rate preview monitors for all live sources and playout channels, with optional overlays for audio VU meters and safe areas - Optionally display DSK monitors to preview overlay sources - Clip Monitors to preview all angles of a recorded event simultaneously in the Clips List or multi-viewer display - Single or dual pane operation of Clips List and Playlist, with undo/redo commands
Multi-Viewer	Supported with 2nd display, including playback data
Audio Inputs	<ul style="list-style-type: none"> 4 SDI Embedded 3 x 2 Balanced 1/4" 1 x 2 Balanced XLR
Audio Outputs	<ul style="list-style-type: none"> 2 SDI Embedded 1 x 2 Balanced XLR 1 x 2 Balanced 1/4"
Supported Session Formats	<ul style="list-style-type: none"> - NTSC model: 1080/30p, 1080/24p, 1080/60i, 720/60p, 720/30p, 720/24p, 480/60i - Multi-Standard model: NTSC 1080/30p, 1080/24p, 1080/60i, 720/60p, 720/30p, 720/24p, 480/60i; NTSC-J 1080/30p, 1080/24p, 1080/60i, 720/60p, 720/30p, 720/24p, 480/60i; PAL 1080/25p, 1080/24p, 1080/50i, 720/50p, 720/25p, 720/24p, 576/25i
Session Management	Setup and store session settings in reusable template sessions
Processing	<ul style="list-style-type: none"> Video: 4:4:4, 32-bit Floating Point Audio: 4 channels, 96 kHz, 32-bit Floating Point
A/V Standards	<ul style="list-style-type: none"> HD-SDI video conforms to SMPTE 292M SD video conforms to SMPTE 259M and ITU-R BT.656 Analog audio levels conform to SMPTE RP-155
Time Code	External LTC source or internal system clock
Genlock	<ul style="list-style-type: none"> Locks to HD or SD analog signals Supports either tri-level or bi-level sync sources
Tally Display	Supports tally display from NewTek TriCaster system (or other supported system via NewTek SDK) over local network
Macros	<ul style="list-style-type: none"> Record commands and operation sequences for recall and automation using keyboard, mouse or compatible controller supporting macro assignment - Macro editor for modifying user-defined macro configurations and sequences - Augment and extend 3Play operation using macro plug-ins to control external devices
External Control	<ul style="list-style-type: none"> - Support for standard MIDI protocol enabling third-party MIDI device control of 3Play operations via macros - Support for Advanced Media Protocol (AMP), enabling remote operation of 3Play functions by compatible third-party production systems - Support for remote operation of 3Play functions by a companion NewTek TriCaster system
Controller	<ul style="list-style-type: none"> Includes 3Play hardware control surface - Surface ~ 12.7 W x 1.0 H x 11.7 D in (32.3 x 2.5 x 29.7 cm) - Base ~ 12.7 W x 10.8 D in (32.3 x 27.4 cm) - Base Height ~ 0.7-2.7 in (1.8-6.9 cm) - 7.5 lbs (3.4 kg)
System Physical	<ul style="list-style-type: none"> 2U Rack Mount, with 430W power supply and multi-tiered hardware and software fail-safe - 19.0 x 3.5 x 21.5 in (48.3 x 8.9 x 54.6 cm) - 26 lbs (11.8 kg)

Subject to change without notice.

Multi-standard pricing and availability may vary. Please contact your local reseller for details.

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