

More Screens. More Viewers. Bigger and Better Shows.



TriCaster™ 855

Reach big audiences with programs that make an even bigger impact. TriCaster 855 allows you to deliver content the way viewers want it—live streaming on the web, broadcast TV, mobile devices and screen projection—all at once.

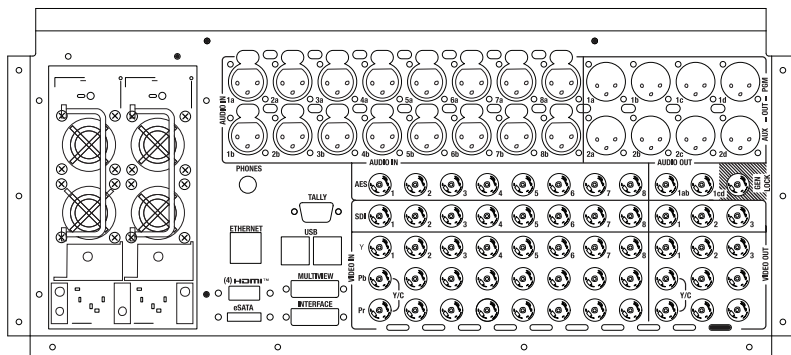
TriCaster 855 is a complete, integrated solution for delivering live productions. With a fully-loaded, 24-channel switcher for up to 18 sources, plus additional video, text, graphics, animations and virtual sets—this live production system easily keeps up with ever-changing media strategies. Create the attention-getting content that stands out from the crowd, and discover fresh new streams of revenue opportunities—from that same content.

A companion hardware control surface is now included with every TriCaster 855 system to provide intuitive, hands-on control for the operator, while enabling even a small team to transfer multiple functions to additional users on the system keyboard, Avid Artist Series audio control surface, or iPad remote audio mixing control panel software.

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

At a glance:

- **IsoCorder™ technology in every system**
Isolate the recording of multiple input and output sources, including embedded timecode and four audio tracks. Save racks and racks of space and resources that are typically allocated to capture and post-production workflows
- **Custom Configuration**
Customize every program using real-time cloth dynamics with warped video, overlays and sound in and out; plus, the ability to build warping transitions with NewTek's revolutionary TransWarp video effects on every source, including overlays
- **Extended file format support**
Eliminate the need to convert exported files for Mac or PC-based editing, while speeding up post-production workflows, and enabling wider integration
- **Remote audio mixing**
Delegate audio mixing to a separate iPad® control app or Avid Artist series control surface to provide greater flexibility in program audio



TriCaster™ 855 Tech Specs

Switcher Channels	24 – 10 external, 6 internal, 8 virtual inputs
Video Input	8 simultaneous live video sources, in any combination of HD-SDI, HD Component, SD-SDI, SD Component, Y/C (BNC) or Composite connections and resolutions
Network Sources	2 live sources via Gigabit connection, selectable from any networked computer or Apple® AirPlay® device
Media	6 integrated digital media sources for video, graphics and sounds
Frame Buffer	9 channels for static graphics or watch folder
Virtual Inputs	8 independent, mix/effect-style channels, with transitions and per-source 3D positioning, scaling and cropping
DSKs	2 primary DSK channels and dedicated upstream overlay per virtual input, each with independent transition controls, 3D positioning, scaling, cropping and integrated TransWarp effects
Effects and Transitions	Integrated TransWarp effects engine on all effects channels supports standard transitions, customizable animation store transitions with audio, and overlay effects - Animation Store Creator for custom animations - Supports per-pixel alpha blending between sources and real-time 3D warping of video or graphics
Virtual Sets	24 HD live virtual sets, with multiple camera angles, real-time reflections, specular highlights, animated zoom and presets
Video Output	Up to 5 output connections and 2 independent A/V output signals - Mix and match output formats, connection types, resolutions and aspect ratios - HD-SDI, HD Component, SD-SDI, SD Component, Y/C (BNC) or Composite - HDMI, DVI and VGA output for displays or projector - Network output for live streaming
Recording	Multi-track, multi-format recording of up to 8 simultaneous channels via IsoCorder™ technology - Native recording in up to 1080p with timecode
Recording Capacity	~ 50 hours 1080i or ~ 300 hours 480i 4 trayless SATA III removable drive bays with hot-swap support for unlimited storage and backup
Live Streaming	HD live streaming via Gigabit connection, with presets in up to 720p, supporting most common streaming profiles and custom multi-bitrate streaming profiles, configured via browser based plug-ins, Adobe® Flash® to Flash media server connections or Microsoft® Windows Media® Push/Pull - Streaming Profile Manager with integrated Web browser and integrated Livestream® plug-in
Audio Inputs	8 SDI Embedded 8 AES3/EBU 8 x 2 Balanced XLR (Mic/Line) Phantom Power Support
Audio Outputs	3 SDI Embedded 2 AES3/EBU 4 Balanced XLR 4 Balanced XLR (AUX) 1 Stereo 1/4" (phones)
Audio Mixing	Integrated multi-channel audio mixer for internal and external audio sources, outputs, stream and headphones - Seven-band equalizer and full stereo compressor/limiter per input and output - Digital audio inputs equipped with audio time-base synchronizers - Supports iPad® audio mixing app for touchscreen remote control of audio mixer
Supported Formats	NTSC model: 1080/30p, 1080/24p, 1080/60i, 720/60p, 720/30p, 720/24p, 480/60i Multi-Standard model: NTSC-J; PAL 1080/25p, 1080/50i, 720/50p, 720/25p, 576/25i
Playback Media Formats	AVI, DV, DVCPro, DVCProHD, FLV, F4V, H.263, H.264, MOV, MKV, MJPEG, MPEG (1, 2, all profiles, program or transport streams), MP4, WMV, WebM, PSD, PNG, TGA, BMP, JPEG, EXR, RAW, TIF, AIFF, MP3, WAV, and more, with Import Media application for batch import with optional transcoding of files (including Apple ProRes) - NewTek SpeedHQ codecs for Mac and PC for extended file compatibility with TriCaster and system applications
Export Media Formats	Export media application for batch copying with optional transcoding of files to compatible formats for different applications and devices: AVI, DV, DVCPro, DVD, H.264, MOV, MPEG-2, MJPEG, MP4, WebM and more - Presets for NLEs: Adobe Premiere®, Avid® Media Composer®, Apple® Final Cut Pro®, and more - Presets for mobile platforms: Android®, iPad®, iPhone®, iPod Touch® and more
Monitoring	Selectable layouts for user interface and multiview preview displays
Signal Monitoring	Integrated Waveform and Vectorscope, full field rate with color preview and support for ITU-R Rec. 601 and 709
Processing	Video: 4:4:4:4, 32-bit Floating Point Audio: 4 channels, 96 kHz, 32-bit Floating Point
Physical	4U Rack Mount, with 550W redundant, removable power supply and multi-tiered hardware and software fail-safe 19 x 7.25 x 21.5 in / 42 lbs (48.3 x 18.4 x 54.6 cm / 19 kg)

Subject to change without notice. For complete product description, features and technical specifications, please visit newtek.com