

# NewTek TalkShow VS 4000

Video Calling Production System



Broadcasters and media organizations don't have to consume valuable time, effort and resources coordinating the travel or technology to incorporate multiple remote guests into their production. With NewTek TalkShow VS 4000, they can integrate Skype video calls with any combination of contacts they can reach online into their SDI or IP video workflows, simultaneously or in sequence, for compelling live conversation, expert analysis, real-time commentary and in-depth discussion—in distraction-free, broadcast-quality HD.

No other multi-channel video calling production solution integrates into both IP and SDI video workflows, and provides a more complete set of real-time capabilities to conduct multiple live, production-ready Skype video calls with any combination or sequence of contacts anywhere in the world- simultaneously.

# VS 4000 Overview



- A professional four channel video calling production system for broadcasters and media organizations conducting multiple live, production-ready Skype video calls.
- Interact with remote guests, experts, and reporters to incorporate real-time group conversations, panel discussions and live interviews simultaneously in any location, at any time to incorporate more compelling conversations and in-depth discussion into productions.



- 4 concurrent Skype video channels
- 4-in, 4-out HD-SDI connections
- Integrated NDI® technology supporting input and output over IP
- Tally notification on all call channels

## Access to More Contacts and Content

- Immediate access to fresh, global, authoritative content
- Reach anyone in the world who has or can download Skype—300 million monthly users and counting
- Connect with any guest or combination of guests from around the world for roundtable discussion or a series of interviews
- Go on location with guests, correspondents or reporters for consecutive live reports

## More Coverage with a Lower Budget

- Increase programming opportunities while reducing costs
- Expand in-house or local reporting to national or global coverage
- Slash travel budgets and operational expenses associated with live remotes
- Eliminate need for satellite trucks and transmission
- Integrate easily into existing infrastructures with little to no added expense

## Professional Production

- Professional-grade system supports even broadcast-ready workflows
- NDI-enabled, 1RU rackmount hardware with industry-standard SDI inputs for integration into IP and SDI video workflows
- Standalone call control and production control interfaces for independent call management and technical configuration
- Comprehensive, behind-the-scenes video, audio, communication and monitoring capabilities
- Includes Webserver app for remote viewing of NDI sources from a web browser of any networked device, including iOS and Android devices

## Distraction-Free Video Calling

- Minimizes distractions to focus on great interviews
- Clean, full-resolution HD video free from the pop-ups interruptions, and notifications typical of regular Skype
- Eliminates unexpected interference from software, OS and firewalls, and avoids conflicts with IT policies
- Purpose-built production hardware prevents risks of mixing personal communication applications with professional systems



## Independent Control Interfaces

- Easily set up a multi-operator production workflow, with separate interfaces for call and production management. Skype TX Control software can be operated from the TalkShow VS 4000 system or installed on another machine as a standalone call control center, permitting the producer to manage calls and talent, while a production operator handles video and audio.



## Group or Queue Callers

- Connect with any combination of guests from around the world simultaneously or in sequence, for compelling live conversation, expert analysis, real-time commentary, and in-depth discussion.



## IP Networking

- Receive video calls over IP anywhere on the network. Built-in NewTek NDI technology provides routing of Skype video calls to any compatible NDI receiving device (including TriCaster® and 3Play™) while enabling selection of any NDI video source for return to caller over the network.



## Advanced Audio

- Deliver conversations that sound more professional. Independently adjust incoming and outgoing audio signals for the highest-quality sound, with the only video calling system that offers built-in gain control, graphic equalizer, compressor/limiter, and noise gate settings.



## Pristine Live Video

- Ensure that guests look as good as they sound, with enhanced real-time image processing and fully configurable correction tools, including proc amp controls, auto color setting, and white balance—and clean, de-interlaced return video to caller.



## Real-Time Call Monitoring

- Conduct every call with complete confidence, by utilizing high-quality, full-motion video previews, accurate on-screen audio VU metering, and selectable multi-view display layouts with configurable monitor overlays.



# Key Features



- Centralized management and local production control from a single user interface with per-channel configuration of call video and audio, and Talk Back communication
- 1RU rack-ready chassis, purpose-designed for professional workflows and requirements
- Integrate into IP video and audio workflows via NDI technology to send Skype calls across the network to NDI-enabled systems and devices, and receive NDI sources over IP for return to caller
- SDI I/O with embedded audio plus XLR analog audio for conventional production workflows
- Real-time video processing engine ensures scaling, format conversion, aspect ratio, and color correction, limits return video resolution, and prioritizes incoming call video for maximum quality
- Support for downstream tally notification over the network on each call monitor and customizable tally overlay for return to caller, indicating on-air status
- One-button, offline Talk Back communication with callers, individually or as a group, to provide instructions, relay information, or prepare callers before they go live on air
- Calibrate video and ensure signals are broadcast-compliant with built-in waveform monitor and vectorscope displays
- Dual-display monitoring and control, optional picture-in-picture views of incoming and outgoing video signals, and selection of different multi-view layouts with per-channel, configurable video
- Built-in, per-channel proc amp and auto color correction tools to adjust image attributes, compensate for inadequate lighting conditions, and enhance call video quality

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