

SIMPLY LIVE ▶



VIBOX - MICRO

ALL IN ONE LIVE
PRODUCTION SYSTEM

VIBOX - MICRO

Professional Solution for Single Camera, Downstream Turnaround & Emergency Backup Productions

ViBox Micro is the latest addition to the powerful ViBox product family. This portable, high-quality solution is the ideal all-in-one solution for the single camera production, the fast downstream turnaround or the emergency backup option for OB trucks or studios. With its small form-factor as well as innovative workflows and functions it is the only tool users need to produce cutting-edge content without thinking about the technology behind.

Featuring a compact, rugged 2RU chassis, ViBox Micro can take an incoming feed, add local audio (such as commentary) and graphics, insert pre-recorded sequences and clips, to produce a finished, broadcast quality program. ViBox Micro also features high resolution record and playback, allowing the creation of clips or highlights from the live feed to be added to the program or exported to digital storage. It also features live streaming capability, so you can use ViBox Micro for broadcast as well as for digital production to various platforms.

The intuitive user interface that has become a landmark of the ViBox product range has been further optimized for the ViBox Micro and single user operations. All features are concentrated in a clear and simple to use touchscreen interface that even new users can learn to operate in minutes.

The very affordable cost of the ViBox Micro does not mean it compromises on features and quality. ViBox Micro includes HD SDI inputs and outputs, VC-3 120/145 internal recording, video transitions with or without graphics and full audio mixing capability with extensive DSP processing. The Micro offers the same 4 layers of keyable graphics from internal and/or external live graphics sources through NDI.

The ViBox Micro chassis has been designed to withstand the harsh conditions of the OB truck environment or constant shipping from event to event on a regular basis. Moreover, its compact 2RU profile and low power consumption make it an easy addition to into any environment, even in non-technical areas. This also makes the ViBox Micro easily hand carried when needed.

Features

- ▶ Compact and lightweight 2RU chassis
- ▶ Simple and Intuitive user interface
- ▶ 1 SDI Input + 1 SDI Output
- ▶ H264 Live Streaming
- ▶ Internal or External Audio Mixing
- ▶ Live Graphics, Internal or External (NDI)
- ▶ VC-3 (DNxHD) Recording
- ▶ Replays & Highlights

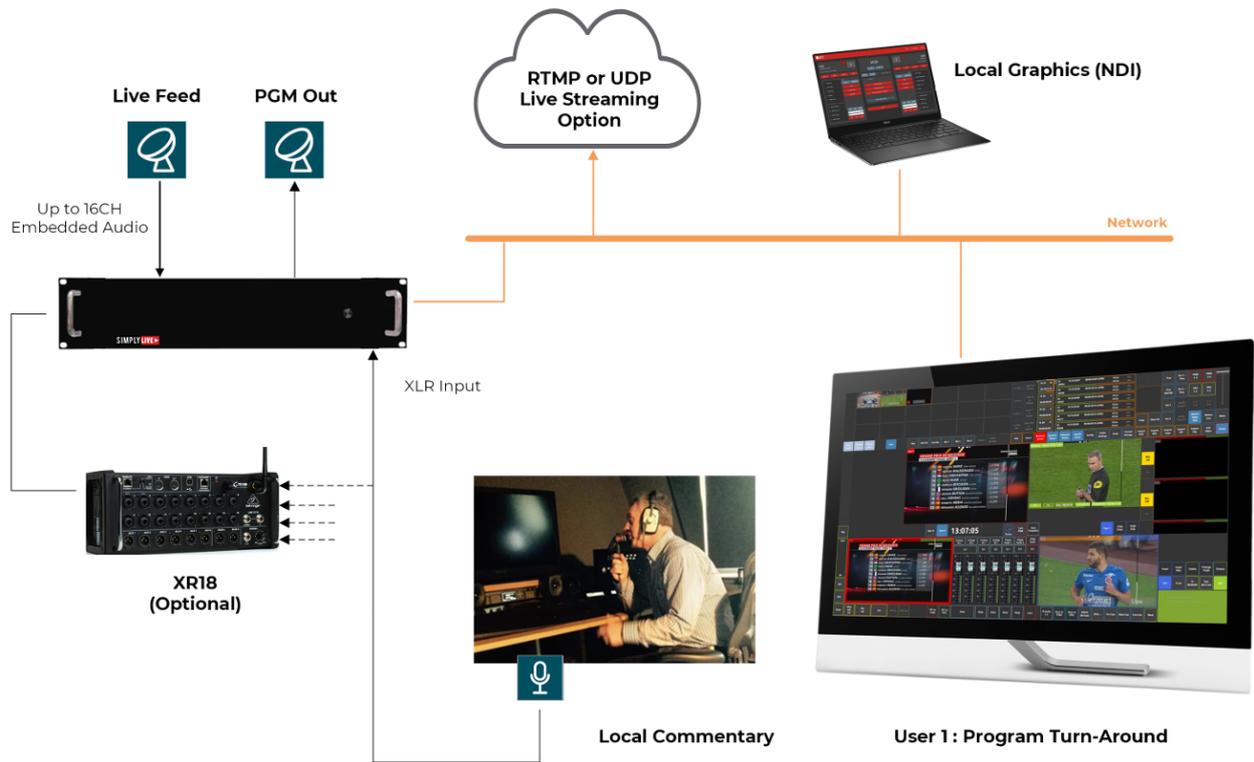


Hardware Unit



ViBox - Micro Touch UI

ViBox-Micro - Single Camera & Downstream Turnaround Productions



The ViBox Micro offers the best price and features ratio for the single camera production or downstream live turnaround application. Using the ViBox Micro, you can ingest the incoming live feed, extract multiple tracks of embedded audio, mix them with local commentary, add graphics, insert opening sequences or any other pre-produced content such as promos, ads, etc. in order to produce a finished, professional quality broadcast.

The ViBox features include the ability to produce your own highlights from the live feed that can be inserted back into the ViBox program output or used to contribute to an alternate program. You can also use the system to play some segments with a delay, such as interviews or time shift scenarios.

This is all accomplished with a minimal footprint (2RU chassis and touchscreen) and very low power consumption. The ViBox Micro makes it easy to deploy this solution in no time in various environments making it easy to adapt to the production needs.

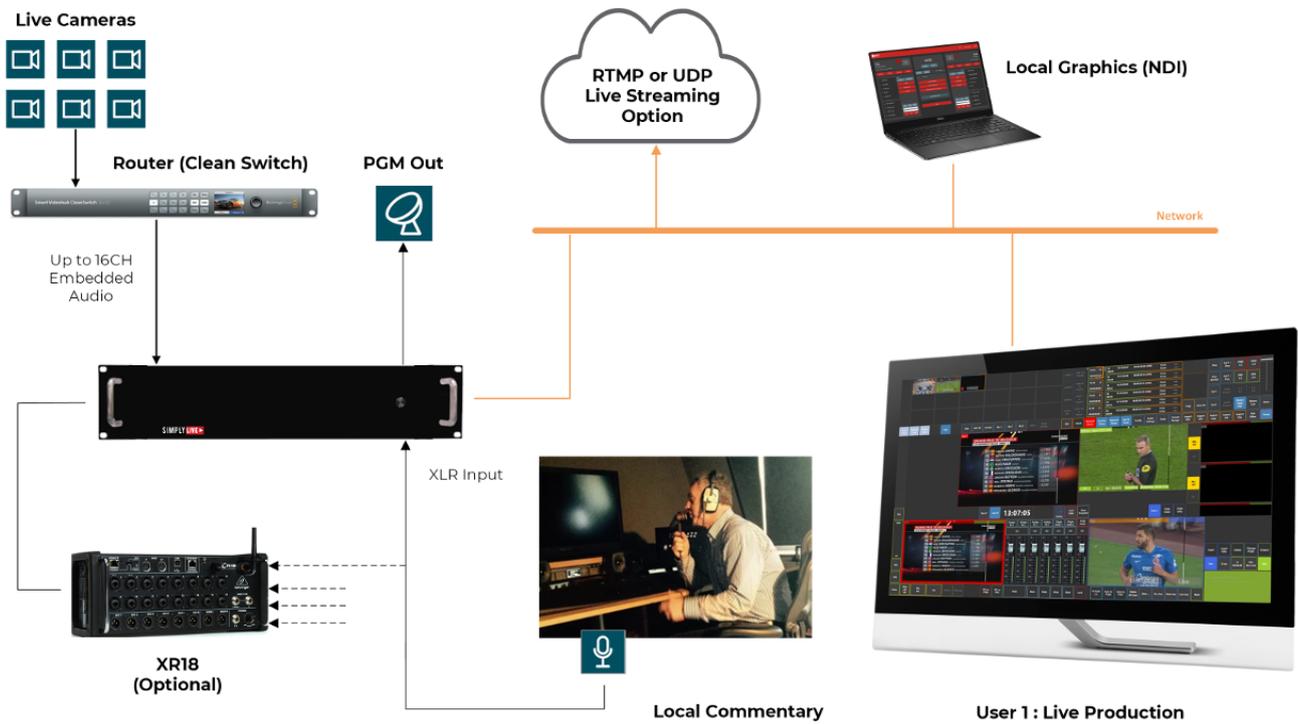
Single Camera Productions

- ▶ Graphics keying
- ▶ Clip player
- ▶ Commentary mixing
- ▶ Replays & Highlights
- ▶ Record of Clean & Dirty programs
- ▶ H264 streaming (HLS, RTMP)

Live Downstream Turnaround

- ▶ Clip player
- ▶ Graphics/Logo keying
- ▶ Commentary mixing
- ▶ Replay & Highlights
- ▶ Record of Clean & Dirty programs
- ▶ H264 streaming (HLS, RTMP)

ViBox-Micro - Production Solution for Emergency Backup Productions



The equipment used in a traditional OB production environment is usually quite reliable but problems can still occur. ViBox Micro offers you a very affordable and compact solution to keep you on the air, should your main equipment fail for any reason. The ViBox Micro can be fed the truck's SDI router feed along with live graphics (NDI) and audio to keep you on the air with a broadcast quality program that includes the essential video, audio and graphics. Additionally, you can use its internal storage and recording capability to playback opening sequences, other imported clips but also to create live replay sequences and even highlights of the game.

With the 1 SDI input, you can choose to stay on a single camera for the remainder of the event or use your router clean switch capability to switch between various live cameras.

Using the internal audio mixer, ViBox Micro can combine audio from embedded sources, as well as from an analog audio (line) input. Typically, nat sound could be coming from embedded tracks, while the analog input could be used for commentary.

Highlights

- ▶ **Replay & Highlights**
- ▶ **Clip player**
- ▶ **Graphics keying**
- ▶ **Commentary mixing**
- ▶ **Record of Clean & Dirty programs**
- ▶ **Professional Results**

Should you need more advanced audio capabilities, you have the option to add the XR18 external audio mixer for additional analog inputs and outputs, as well as advanced DSP processing.

Technical Specifications

Video

- ▶ 1 x HD SDI Input
- ▶ 1 Genlock Input (CB / BB / Tri-level)
- ▶ I/O Options: NDI, RTMP, TS UDP or SRT
- ▶ 1 Genlock Input (CB / BB / Tri-level)
- ▶ 1 LTC Input
- ▶ Output types: PGM, PGM Clean
- ▶ Recording: Up to 3 Feeds (Input + PGM Clean + PGM Dirty)
- ▶ Codec: VC-3 120 / 145 Mpbs

Audio

- ▶ Internal Audio Mixer Options :
 - ▶ Embedded Audio: 16 tracks per video channel (input or output)
 - ▶ Analog Audio: XLR Input (Line Level)
 - ▶ Gain Adjustments on all Mixer Inputs
 - ▶ Internal Mixing up to 6 Tracks
- ▶ External XR18 Audio Mixer Options :
 - ▶ Embedded audio: 16 tracks per video channel (input or output)
 - ▶ Analog Audio: 16 inputs (mic or line level) + 2 Inputs (Line) + 8 Outputs
 - ▶ Full Audio Processing including EQ, Compression, Limiter, Auto-mix, etc.

Graphics

- ▶ Internal CG with 3 graphic layers: score /timer + 2 user-selectable overlays
- ▶ External Live Graphics: IP integration with external CG (NDI Protocol)

Storage

- ▶ Internal storage 1 x 2 TB SSD (30/24 hours of HD recording)
- ▶ USB3 connectors for import from /export to external storage

Network

- ▶ 2 x 1 Gigabit Ethernet ports

Physical

- ▶ Main unit: 11 (H) x 30 (D) x 38 (W) cm (4 x 12 x 15 in.) chassis, 7 kg (15 lb)

Power

- ▶ Internal Power Supply: 110V / 230V, 350 W