Mix to the max. The all-in-one mini-mx video enables accessible professional multi-source video productions with cameras, laptops and multiple audio sources. For live presentation and streaming, do it all with ease from the unique and fully featured mini-mx.

Four 4K Inputs  Multi-Channel Audio Mixing  Direct PTZ Camera Control  Dedicated Multi-View Preview Output  Powerful Features Touch Screen Interface
Preview on Demand

Preview and configure interactively from the touch screen display, selecting live and insert video sources. Monitor on a HDMI display with a dedicated PVW multi-view output provided.

Configurable HDMI Output for live presentations.

HDMI PVW port – configure for multi-view or any output.
Take Full Control

Integrated PTZ Camera Control
Forget about having multiple separate control panels for video and camera control. mini-mx brings it altogether, supporting industry standard VISCA protocol for PTZ control directly from the mixer. Control up four separate cameras with pan, tilt, zoom and focus.

Precise Fingertip Control
Integrated joystick provides tactile control for each PTZ camera. Used together toggle, set pan, tilt, zoom and focus from the front panel. Joystick and toggle are additionally dynamically assigned to settings including scale, position and crop for enhanced useability.

Leverage the Power of Presets
Save and store up to 16 presets on mini-mx, allowing 1 touch recall of all scene settings including PTZ focuses. Make use of smooth transitions.

Go Remote
XPOSE mini companion apps for laptop and mobile allow remote use from the mini-mx and the video connections. Fully integrated with the RGBlink TAO platform control streams remote too with TAO Live.
Pro Level Video

Sophisticated Multi-Layer Presentation
Assemble visuals with multiple layers of video and graphics. mini-mx offers 2 full video layers plus background image, two graphic overlays from the media pool as well as dynamic OSD text overlay.

Dynamically Scalable
Each of the two assignable video layers may scaled, positioned and cropped with these placed over the background.

Fluid Interactive Operation
Select any source or preset with a touch on the screen - thumbnails and iconography that makes mini-mx a natural and intuitive way to present and stream.

Transition Like a Pro
mini-mx includes multiple DVE transition effects from preset to program, adding sophistication and effect.
Pro Level Audio

Capture Every Sound
With three separate insert audio ports, mini-mx has got external balanced mic and line level audio covered. All three ports accept TRS ¼in jacks, with MIC 1 & 2 supporting direct XLR connection too. Plus there is 48V phantom power directly from mini-mx available too on MIC 1, negating the need for a separate DI, and instantly making studio mics native connections as they should be.

Follow the Action & Always be In Sync
Set AFV for any HDMI embedded audio so the audio switches with the video source to PVW and PGM automatically.

Configure audio delay for MIC inputs or a camera input to keep audio in sync with the video.

Monitor & Set Live
Pro mixer audio level controls are front and centre on mini-mx, enabling “in the mix” with full monitoring familiar and accessibility

Bluetooth audio input supports.
Pro Streaming

**Enhanced Streaming**

H.265
Take advantage of advanced H.265 compression and encoding for higher performance streams.

**Capture & Share**
Connect mini-mx to a laptop for instant recognition as webcam to enabling Capture for apps such as OBS and many more.
Share your presentation in Teams, Zoom™ or any collaboration platform.

**live stream**
Take advantage of advanced H.265 compression and encoding for higher performance streams.

**RTMP(S)**
Stream to up to four multiple platforms simultaneously directly over IP without a laptop. And with TAO Live integrated directly into mini-mx, cloud-stream up to 32 platforms or connections at the same time.

**Recording**
The USB 3.0 recording output interface can be directly connected to a hard drive with a maximum capacity of 2T.

It can simultaneously record while streaming. Recording of 80Mbps high-definition video can last 100 hours.

Audio and video can be imported and used with one click during video.
Pro Color Rendering and Layers

One-Click Chroma Key
Enable presenters to be in virtual studios and environments with Chroma Key. Select from standard key colours and enable Chroma Key directly on mini-mx without the need for an app. Refine colour selection and tolerances from the touch screen to optimise.

Full Color Matrix
Lossless sampling rate at YUV4:4:4, and the Color Space Conversion Technology perfectly realizes the conversion of CCIR601 and CCIR709 to RGB color space, avoiding color distortion caused by color deviation.
Multiple Layer Sophistication

As well as video dual video sources, add also media pool graphic overlays for lower-thirds and branding logos, switch seamlessly between graphic elements.

Live & Streamed Video for Every Occasion

Compact yet fully featured. mini-mx expands the potential for video presentation, whether in person or streamed remotely, with powerful user-friendly tools that embrace modern technologies from camera and capture to broadcasting and streaming.
## Connections

<table>
<thead>
<tr>
<th>Video Inputs</th>
<th>4 x HDMI-A (4 x 4K60)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Video Output</td>
<td>1 x HDMI-A (1 x 2K60)</td>
</tr>
<tr>
<td>UVC/Webcam Stream</td>
<td>1 x HDMI-A (1 x 2K60)</td>
</tr>
<tr>
<td>Recording Output</td>
<td>1 x USB-C</td>
</tr>
<tr>
<td>Audio In</td>
<td>2 x XLR/6.35mm TRS Jack</td>
</tr>
<tr>
<td>Audio Out</td>
<td>1 x 6.35mm (¼&quot;) TRS Jack</td>
</tr>
<tr>
<td>Audio Out</td>
<td>1 x 3.5mm mini-Jack</td>
</tr>
<tr>
<td>Communication</td>
<td>1 x RJ45</td>
</tr>
<tr>
<td>Power</td>
<td>1 x USB-C</td>
</tr>
</tbody>
</table>

## Performance

### Input Convertors
- Independently on each of 4 inputs

### Input Resync
- On all 4 inputs

### Input Resolution
- SMpte 720p50, 720p60, 1080i50*, 1080p23.98, 1080p24.97, 1080p50, 1080p59.94, 1080p60
- Vesa 1024x768@60, 1280x720@60, 1280x800@60, 1280x1024@60, 1366x768@60, 1440x900@60, 1600x1200@60, 1680x1050@60, 1920x1080@60, 1920x1200@60, 3840x2160@60*, 4096x2160@60*

### Output Resolution
- SMpte 720p50, 720p60, 1080p23.98, 1080p24.97, 1080p50, 1080p59.94, 1080p60
- Vesa 1024x768@60, 1280x720@60, 1280x1024@60, 1366x768@60, 1440x900@60

### Supported Standards
- Video: HDMI 2.0, HDCP 2.2
- USB: 3.0
- PTZ Control: VISCA
- Disk Formats: FAT32, exFAT
- Recording: MP4, WAV
- Ethernet: 10/100/1000BaseT
- Video Sampling: 4:4:4 YUV
- Grayscale Processing: 10bit
- Color Space: Rec 709 (RGB)
- Colorspace Conversion: Realtime in Hardware
- Latency: <4 frames
- Audio In Delay: Up to 8 frames
- Mic Plug In Power: +48VDC Phantom Power (MIC1 Switchable)
- Line Audio Input: Balanced Stereo
- Upstream/Chroma Keyers: 1
- Downstream Keyers: 3
- Output Layers:
  - Total: 6
  - Video: 2
  - Background: 1 (JPG/PNG)
  - Media/LOGO: 2 (JPG/PNG)
  - Text/OSD: 1 (Dynamic via App)
  - Hot Media Pool Sources: 2
- Direct/IP Streaming:
  - Format: RTMP/RTMPS
  - Connectivity: Ethernet, USB-C
  - shared mobile connection: 4 platforms simultaneously

## Platforms

<table>
<thead>
<tr>
<th>Software</th>
<th>RGBlink XPOSE mini Windows 10, macOS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mobile Apps</td>
<td>RGBlink mini OS, Android</td>
</tr>
<tr>
<td>Firmware Updates</td>
<td>RGBlink XTOOL App Via Ethernet</td>
</tr>
</tbody>
</table>

## Operational Environment

<table>
<thead>
<tr>
<th>Temperature</th>
<th>0° to 45° C (32° - 115° F)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Humidity</td>
<td>10-85% RH</td>
</tr>
</tbody>
</table>

## Physical Specifications

<table>
<thead>
<tr>
<th>Weight</th>
<th>Device 1.48kg (3.26lb)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Packaged 2.80kg (6.17lb)</td>
</tr>
<tr>
<td>Dimensions</td>
<td>Device 280x223x64mm (11.0x8.8x2.5in)</td>
</tr>
<tr>
<td></td>
<td>Packaged 332x238.5x109mm (13.1x9.4x4.3in)</td>
</tr>
</tbody>
</table>

## In the Box

- mini-mx
- 3A USB-C PD external power supply
- International socket adapters
- USB-C cable

## Order Codes

230-0004-01-0 mini-mx