

# X 3 LIVE

VENUS



**Hands On for Performance**  
**Complete Presentation Processing and Mixing**

**RGBlink™**

# *Sophisticated all-in-one vision mixing and scaling*

Venus X3 Live brings together sophisticated presentation switching with advanced mixing capabilities into a single device. The vision mixer console includes broadcast style features for quick access during any performance, along with dual eight-inch LCD displays to monitor video sources, full preview, as well as live/program display monitoring. At the rear of the X3 Live, the familiar X3 modular routing platform become apparent, with a host of new options and features tailored to presentation applications.

- Integrated Vision Mixer
- Full Preview to Program presentation switching
- Additional background layer capability
- Dual angle adjustable LCD monitors
- Multi-View input sources
- Full modular design
- Configurable Genlock built-in
- Support for Tally
- 16 mega pixel capacity
- Save configurations on board and to USB
- Optional Redundant Hot Swap PSU

## Flexible Local Monitoring

The dual LCD displays can show Multi-View of input sources, be used to preview and pre-set, show background channels as well as monitor live outputs.

## GenLock Built-in

HS and VS GenLock is provided as standard, and is configurable allowing sync with other devices and sources.



## Modular Design Throughout

Input and output modules, along with accessory modules use the RGBlink SmartSlot system for ease of exchange and user selection. The PSU is exchangeable also, with facility for the fitting of a redundant PSU too.



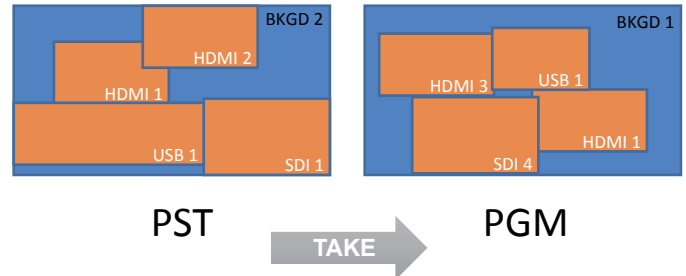
## LOGO & STILL

Up to 50 256x128pixel images can be stored directly on board X3 Live for immediate recall. STILL appears on PST and PGM and supports keyed background removal. Ideal for channel logos. While LOGO configured on PST then presented on PGM with TAKE, making LOGO suitable for program or section specific graphics.



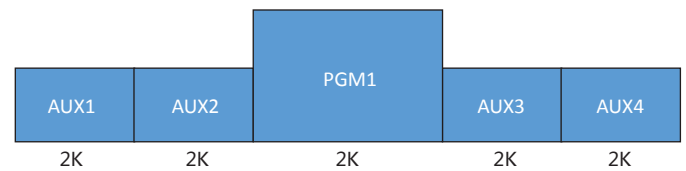
## Preview & Present

Include up to four foreground layers, setting positioning, scaling, and cropping as desired. Include a background layer, then TAKE to PGM either mixing via the T-Bar or using a visual effect. The functionality is any-layer-to-any-layer, with a source able to be on both Program and Preview, each scaled and positioned individually. Layouts can be saved into pre-set banks for later recall by an operator on demand, without any sync loss and with smooth transition. Switching between pre-sets is seamless.



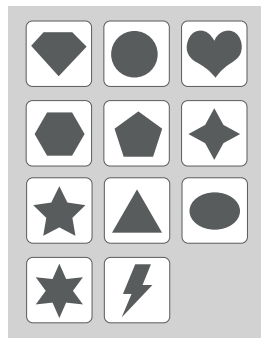
## Flexible Output Configuration

X3 Live is standard with two HDMI PGM outputs as well as dedicated PST and PVW outputs. An additional auxiliary output module can be added providing four DVI or SDI outputs for more sophisticated multi-display presentation applications.



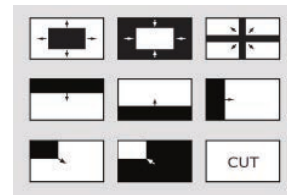
## Layer Mask

X3 Live includes a range of standard masks that can be applied to a foreground video layer. There is also the ability to load custom masks for even more bespoke presentations. A Mask can be positioned and scaled on the video layer.



## Transition

Visual effects can be applied to TAKE operations either on the T-Bar or timed via the TAKE button. Transition effects include wipes, pushes and pulls.



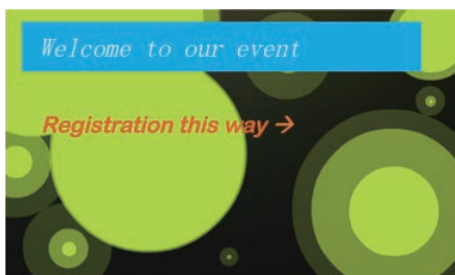
## Effects

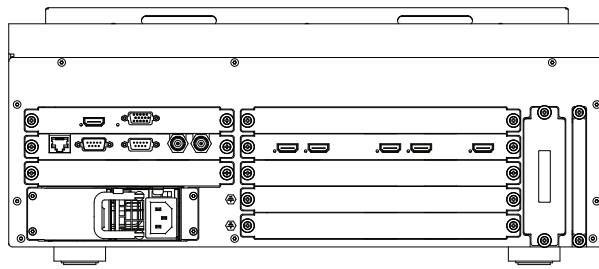
Foreground video layers can include variable edge blending, and DSK and Chroma/Lumia Key can be applied.



## OSD

Two separate lines of On Screen Display (OSD) text are available. These are presented in a separate layer and can be configured individually for font, style and colour, including background colour, as well as motion. Up to 300 lines can be stored on board X3 Live, with OSD loaded on PST for TAKE to PGM





## Specifications

Inputs	Background	2 HDMI Inputs
	SmartSlots	3 (up to 12 inputs)
Outputs	Signal Options	HDMI   DisplayPort   3G-SDI   DVI   VGA   CVBS   USB Media
	Standard PGM Outputs	2 HDMI
	Preview (PST)	1 HDMI   1 VGA
	Preset (PVW)	1 HDMI
	SmartSlots	1 (up to 4 outputs)
Performance	Signal Options	HDMI   DVI-I   3G-SDI
	Input Resolutions	DVI / HDMI: SMPTE: 625@25/50 PAL   525@29.97/59.94 NTSC   720p@50/60   1080i@50/59.94/60   1080p@50/59.94/60 VESA: 800x600@60   1024x768@60   1280x768@60   1280x1024@60   1600x1200@60 1920x1080@60   1920x1200@60   2048x1152@60   2560x816@60 SDI: 720p@50/60   1080i@59.94/60   1080p@23.98/24/25/29.97/30/59.94/60 1080psf@23.98/24/25/29.97/30   1440x487@60   1440x576@50 VGA: 800x600@60   1024x768@60   1280x1024@60   1440x900@60   1600x1200@60 4K: 2560x1600   3840x1080   3840x2160
	Output Resolutions	Select from standard set or select user configurable SMPTE: 625/25/50 PAL   525/29.97/59.94 NTSC   1080p@50/59.94/60   1080i@50/59.94/60   720p@50/59.94/60 1280x720@23.98/24/25/29.97/30   1920x1080@23.98/24/25/29.97/30 VESA: 800x600@60   1024x768@60/75/85   1280x720@60/60   1280x800@60   1280x1024@60 1360x768@60   1366x768@60   1400x1050@60   1440x900@60   1600x1200@60 1680x1050@60   1920x1080@60   1920x1200@60   2048x1152@60   2560x816@60 <i>not all resolutions supported for VGA output.</i>
	Genlock	480i   576i   720p@50/59.94   1080i@50/59.94   1080p@50/59.94/60   1080psf@23.98/24
	Standards Supported	DVI: DVI-I HDMI: 1.3 VGA: UXGA DisplayPort: 1.2 SDI: SMPTE 425M (Level A & B)   SMPTE 424M   SMPTE 292M   Â SMPTE 259M-C   DVB-ASI
	Max Layers (switching)	4+1
	Grayscale Processing	12bit
	Processing Engine	10bit
	Genlock	HS & VS
	Standard Connectors	Power Supply
Comm. Module		Genlock 2 BNC LAN 1 RJ45 Device Link 1 DB9 M   1 DB9 F
PGM/PST Module		Program (PGM) 2 HDMI Preset (PST) 1 HDMI Background Insert 2 HDMI
PVW Module		Preview (PVW) 1 HDMI   1 VGA
Power	Input Voltage	AC 85-264V 50/60Hz
	Max Power	205W
	Power Supply	Exchangeable   Optional redundant PSU can be fitted
Operation	Temperature	-25°C to 55°C
	Humidity	10-90% RH
Physical	Device Dimensions	502mm x 401mm x 186mm
	Device Weight	16kg
	Packed Dimensions	537mm x 497mm x 312mm (Flightcase in carton)
	Packed (net) Weight	32kg

## Ordering Codes

Product Code	Item
310-0003-31-0	Venus X3 Live with PGM/PST, PVW, Comm. Module & Flightcase
190-0003-32-0	Venus X3 Live DVI with PGM/PST, PVW, Comm., TALLY, 1 DVI Input, 1 USB Input Modules & Flightcase
190-0003-32-0	DVI Input Module
190-0003-02-0	HDMI Input Module
190-0003-03-0	VGA Input Module
190-0003-04-0	SDI Input Module
190-0003-06-0	CVBS Input Module
190-0003-07-0	USB Input Module
190-0003-11-0	4K Input Module (HDMI/DisplayPort)
190-0003-12-0	4K Input Module (160Hz)
190-0003-21-0	Quad DVI Output Module
190-0003-22-0	Quad HDMI Output Module
190-0003-24-0	Quad SDI Output Module
190-0003-25-0	4K Output Module (HDMI)

