

HI-RES COMPUTER & VIDEO MIXER SEAMLESS SWITCHER WITH PIP, MULTIPLE EFFECTS & LOGO INSERTION

LARGE EVENT - CONFERENCE ROOM - HIGH RESOLUTION PRESENTATION - STAGING

EVENTIX™ Ref: EVX8022

- > **2 Operation Modes:**
 - **MIXER Seamless Switcher with Hi-Res Main & Preview Outputs**
 - **8 x 2 Hi-Res. Scaled Native MATRIX**
- > **8 Universal Inputs:**
Composite, S.Video, YUV, RGB, SDI, HDTV
Computer up to UXGA
- > **Outputs: 2 x Scaled up to 1400 x 1050 (SXGA+ & D-ILA) – Optional SDTV or HDTV**
- > **Fading, Titling, PIP with customised borders, Wipes, Cut, Seamless Switching**
- > **Hi-Res. LOGO Inserter & FRAME Store**
- > **Vertical or horizontal Soft Edge²**



FEATURES:

- Mixer Mode with Main & Preview outputs
- Native Matrix Mode: 8 inputs to 2 scaled outputs
- 8 Universal Inputs (up to UXGA, Video, HDTV)
- 2 Scaled outputs up to SXGA, SXGA+, D-ILA, HDTV
- Auto Image Centering
- Effects: Cut, PIP, Fade, Title & Wipes
- 8 Logos from Computer or Video Sources & 2 Frame Stores
- Flash Capture of Logo by Keying or Image Cut-Out
- Improved Active Motion Compensation, FRF, TBC, FRC, 3:2 & 2:2 pull down
- Test Patterns, 3 Tally outputs
- RS232 or TCP/IP for remote control & Firmware update

REFERENCES:

- EVX8022: EVENTIX™ with RS-232 Control Software
- EVX8022-D: Same as above with DVI & SDI input
- EVX8022HD-D: Same as above with HD-SDI out
- RK8022: Remote Keypad¹
- RK8022-T: Remote Keypad with T-Bar¹
- TripliX: Remote console for 3 units



¹ Compact Keypad sold separately

OPTIONS:

- OPT-iX-SDTV-D1: SDTV, S-Video, SDI output & YUV/RGB (Main output), not available on EVX8022HD-D
- OPT-iX-A: 8 Stereo Audio inputs + 1 additional
- ² CBD-UP: Cross Blender
- ² SWM-OE: Show Manager Open Edition



www.analogway.com

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DESCRIPTION:

EVENTIX™ is a Computer & Video Up/Down Mixer Scaler Switcher with numerous effects: **Cut, Wipes, Fade, PIP and Title**, together with **hi-res. logo insertion and frame store functions**. Fitted with 8 universal inputs, it can be used as a **Mixer** or as an **8x2 Scaled Matrix**.

MIXER MODE

EVENTIX™ scales all sources – video and computer – and performs seamless switching transitions between any 2 inputs. It offers various effects: PIP, Fade, Cut, Title and Wipes.

The 2 Main outputs match the native resolution of any video-projector or hi-res. display device, and the Preview outputs allow to monitor the sequences before they are displayed on the main screens, to prevent errors during a presentation.

PIP Effect: High quality picture insertion from any input. The PIP can be sized and moved anywhere on the background image. Both background image and PIP can be fast & smoothly switched through a fade to black or customized color. Customizable borders are also available.

FADE Effect: **EVENTIX** features Fade effects between any input, computer or video . The cross-fading duration is adjustable.

TITLE Effect: The title remains on the screen during the transition. The shadow title function, with settable vertical size and position as well as level of shadow, increases readability on bright images. **EVENTIX** enables to display a title over a computer or a video image.

CUT & WIPES: Seamless Switching between any 2 inputs and numerous Horizontal and Vertical wipe transitions.

NATIVE MATRIX MODE

EVENTIX switches any of the 8 inputs to 1 of the 2 or both outputs. Inputs are scaled and can be displayed with different resolutions on output 1 and 2.

COMMON FEATURES IN MATRIX & MIXER MODES

EVENTIX provides a **high quality image** thanks to its integrated digital decoder, improved 3:2 and 2:2 pull down circuitry, auto-adaptative pixel by pixel 3D motion compensation, time base corrector and frame rate converter & follower. Each input image controls can be individually set and stored in non-volatile memories.

LOGO INSERTION & FRAME STORES: Record 2 full screen images and 8 logos in 16 million colors in a non-volatile memory. Images and Logo(s) can be flash captured from any video or computer source by keying or image cut-out. Up to **2 logos** can be allocated per input and positioned anywhere on the screen. The frame store can be used as a welcome image or transition image while switching between 2 sources.

EVENTIX is especially designed with a full control front panel for hi-res. A/V presentation displays, large events, and for the rental and installation markets. It offers a user-friendly interface and can be easily controlled & upgraded via its RS232, TCP IP or by using the optional remote keypad. The result is dynamic, glitchfree and astonishing presentations.

TECHNICAL SPECIFICATIONS:

8 UNIVERSAL INPUTS:

- **Composite Video**
NTSC = 15.735 kHz/60 Hz
PAL/SECAM = 15.625 kHz /50Hz
- **S.Video (Y/C)**
- **Component (YUV)**
525/625L
- **RGB/S (TTL or 0.3V Analog)**
RGsB (SOG: 0.3V Analog)
- **Computer (RGB HV, RGB/S et RGsB):** PC, Mac, Wkst. Automatic synchro. & centering. Resolution from 640x480 to 1600x1200 (up to 110KHz)
- **HDTV: Component (HD YUV 3 Level Sync.)**
1080i/60/50Hz, 720p/60Hz, 480p/60Hz
- **EVX8022HD-D & EVX8022-D feature:**
 - SDI – 4:2:2 (10 bits)
 - DVI up to UXGA

DISPLAY OUTPUT:

- 2 x MAIN / Out 1
2 x PREVIEW / Out 2
- RGB HV, RGB/S or RGsB (H&V separated, Composite Sync. or SOG)
- RGB = 0.7V p/p (75Ω load)
- Output resolution: SVGA, XGA, SXGA, SXGA+, D-ILA, Plasma
- 852x480, 1365x768, 720p, 480p

- EVX8022HD-D features HDYUV & HD-SDI out
- **Options:**
 - SDTV (15kHz): SDI ,YUV , S.Video, Composite NTSC/PAL

USER CONTROLS:

- Fully equipped front panel:
- 4 Lines LCD screen with intuitive menu for complete In/Out set up and image control
 - High quality buttons for direct access to:
 - Input selection
 - User programmable transition effect keys
 - Take
 - Freeze (Main & Preview)
 - Logo, image & H&V PIP position

Full Control by additional remote keypad or provided software

LOGO & FRAME STORE

- 8 logos & 2 frame stores
- Up to SXGA,16 million colors
- Non-volatile memory
- Flash capture of Video or Computer sources (64MB)
- 256 step keying threshold control
- Settable H&V logo position
- 2 logos allocated per input

EFFECTS:

Cut, PIP, Fade, Title, Wipes

CONNECTORS:

INPUTS:

- Inputs 1 to 4: on 5 x BNC
- Inputs 5 to 8: on HD 15F

OUTPUTS:

- MAIN / OUT 1: 2 x HD15F
- PREVIEW / OUT 2 : 2 x HD15F

OTHERS:

- RS 232 Serial com port for remote control and update
- RJ 45 for TCP/IP

POWER SUPPLY:

- Internal, universal, automatic 100-250 VAC; 50/60 Hz (130 W) (UL, CSA, GS, CE) ON/OFF AC Main Switch

SUPPLIED WITH:

- 1 x AC Power cable
- 1 x Remote control software
- 1 x user's manual

DIMENSIONS:

- 19", 3U
- D420 x W480 x H133 mm
- D16,5" x W19" x H5.25"

WEIGHT: 8 kg (19 Lbs)

WARRANTY:

3 years warranty on parts and labor back to factory

REMOTE KEYPAD RK8022-T

(OPTIONAL)

FRONT PANEL

- Input selection with LED
- Direct access to effects
- Take, Freeze & Black
- Picture adjustments
- T-Bar*

LCD CONTROL

Intuitive menu for user friendly set up

CONNECTORS

- RS 232
- RJ 45
- DC-PLUG 9V/1A

SUPPLIED WITH

- 1 x Power cable
- 1 x Remote cable (DB9 M/F)
- 1 x Update cable (DB9 F/F)
- 1 x User's manual

DIMENSIONS

D 5.1" x 8.6" x 4.01"/2.64"
D 130 x W 220 x H 102/67
(with/without T-Bar)

WEIGHT

2.2 Lbs / 1 kg

*Also available without T-Bar