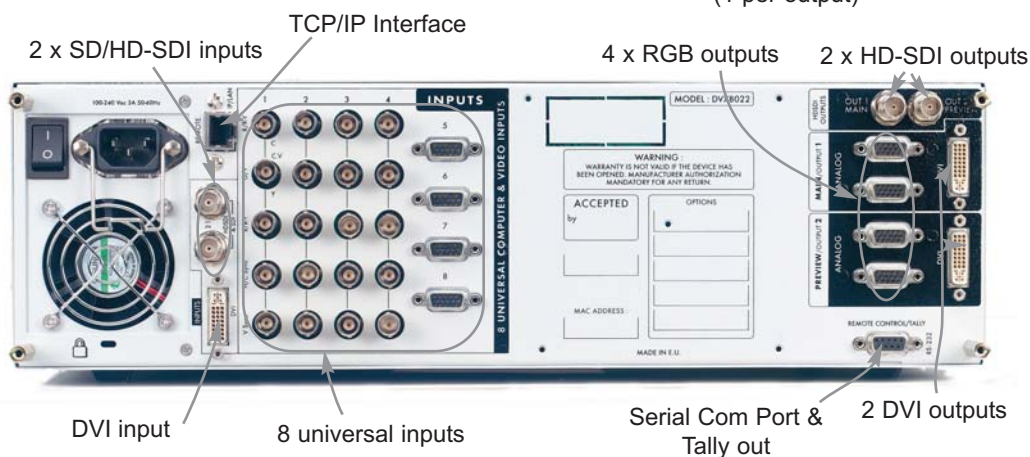
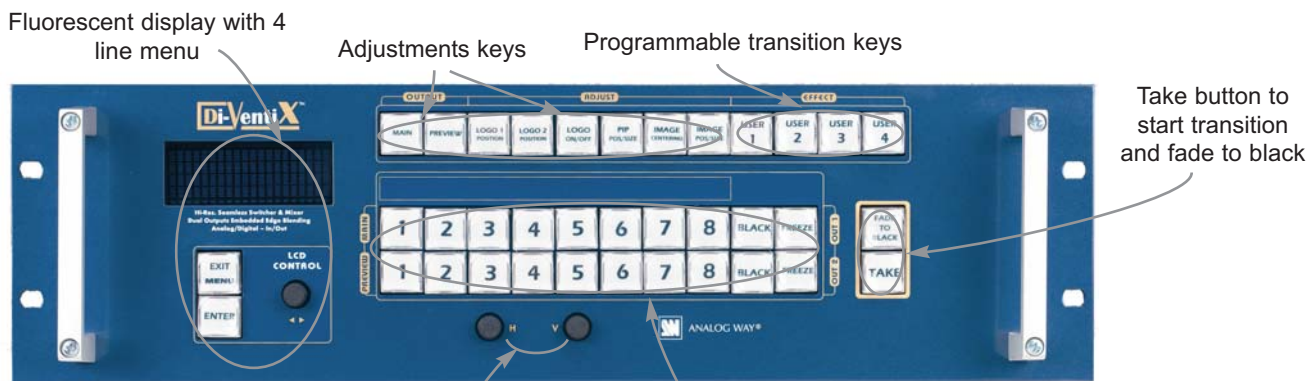


Di-VentiX™

Hi-Res Computer and Video Mixer/Seamless Switcher with 100% Digital Input/Output Image Processing

Model. DVX8022



3 Operation Modes

- Mixer Seamless Switcher with Hi-Res. Main & Preview outputs
- 8 inputs to 2 Scaled outputs Hi- Res. Native Matrix
- Edge Blending Dual Output Switcher on 2 video-projectors

8 Universal Inputs

- Composite, S.Video, YUV, RGB, SDI, HDTV, HD-YUV (2 SDI / HD-SDI and 1 DVI can be

- assigned to any of the 8 Inputs)
- Computer up to UXGA

Outputs

- 2 x Scaled up to 1920x1080p and 1600x1200 (UXGA),
- HDTV 1080i, 720p
- RGB, DVI and HD-SDI

Effects

- Fading, Titling, Moving PIP with Borders, Wipes, Cut, Seamless Switching
- Double PIP on Frame Stores
- Hi-Res. Logo Inserter & Frame Stores
- Embedded dual horizontal or vertical Edge Blending



ANALOG WAY®

www.analogway.com

P/N: DVX8022/VA1007

High Resolution Mixers and Seamless Switchers

Technical Specifications

8 Universal Inputs

Composite Video

NTSC = 15.735 kHz/60Hz
PAL/SECAM = 15.625kHz/50Hz

S.Video (Y/C)

• **Component** (YUV) 60/50Hz - 625L/525L

• **RGB/S** (TTL or 0.3V Analog)

• **RGsB** (SOG: 0.3V Analog) 60/50 Hz - 625L/525L

• **Computer** (RGB HV, RGB/S and RGsB): PC, Mac, Wkst, Automatic synchro & centering. Resolution up to 1600x1200 (130kHz)

• **HDTV**: Component (HD-YUV 3 levels sync.) 1080i/60/50Hz, 720p/480p/60Hz

• 2 x SDI/HD-SDI - 4:2:2 (10 bits)

• 1 x DVI-D up to UXGA

Display Outputs

• Main / Out 1 & Preview / Out 2

• 2 x 2 HD15-F for: RGB HV, RGB/S or RGsB 0.7Vp/p / 75 Ohms

• 2 x DVI-D

• 2 x BNC for HD-SDI (HDTV)

• Output resolution:

PC 4/3: SVGA, XGA, SXGA, SXGA+, UXGA

PC 16/9: 852x480, 1280x720, 1365x768, 1920x1080, PC

50/60Hz and 72/75Hz up to SXGA,

HDTV: 1080i/50/60Hz, 720p/50/60Hz, 1080sF/24/25Hz,

1080p/24/25/30Hz

Audio Inputs and Outputs

Optional, see Inputs/outputs of the Natix

User Controls

- 4 lines VFD screen with intuitive menu for complete in/out set up and image control

- High quality buttons for direct access to Input selection, effects, take, freeze, Main & Preview, logos, PIP and image positioning

Logos and Frame Stores

8 logos & 6 frame stores, 16 million colors, Non-volatile memory, Flash capture of Video or Computer sources, 256 steps keying threshold control, Adjustable H&V logo position, 2 logos allocated per input

Effects

- Cut, PIP, fade, title, wipe, large choice of animated transitions, double PIP

- Embedded edge blending for 2 video-projectors

Input Connectors

- Input 1 to 4: on 5 x BNC - 2 x BNC for SDI

- Input 5 to 8: on HD 15F - 1 x DVI-I

Output Connectors

- Main / Out 1: 2 x HD15F, 1 x BNC, 1 x DVI-I

- Preview / Out 2: 2 x HD15F, 1 x BNC, 1 x DVI-I

Other

- DB9F serial com port for RS232 remote control, updates and Tally

- RJ45 for TCP/IP

Power Supply

Internal, universal, automatic, 100-250 VAC; 50/60 Hz (130W)

(UL, CSA, GS, CE) On/Off main switch

Supplied with

- 1 x AC power cable
- 1 x Remote control software
- 1 x User manual

Dimensions - 19", 3U

D 16.5" x W 19" x H 5.25"

D 420 mm x W 480 mm x H 133 mm

Weight

8 kg (17.6 lbs) no options

Warranty

3 year warranty on parts and labor back to factory

Specifications subject to change without prior notice

Di-VentiX™ by Analog Way is a **Full Digital Computer and Video Up/Down Mixer Scaler Switcher**. In addition to numerous effects such as fade, wipes, moving PIP and a true 8x2 scaled Matrix, **Di-VentiX** also includes a stand alone Soft Edge function with a dual output.

Stand alone Edge Blending Mode

In Edge Blending mode, **Di-VentiX** can drive 2 video-projectors for horizontal or vertical Soft Edge. Used as an 8 input switcher, **Di-VentiX** provides a double PIP image on a fixed background thanks to the 6 full frame images stored in its non volatile memory. The background image can be chosen among the 6 frames saved in the memory. The sources displayed in the PIPs can be switched.

Mixer Mode

Di-VentiX scales all sources and performs seamless switching transitions between any 2 inputs. 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 avoid errors during a presentation.

Di-VentiX features the following effects: **PIP, Fade, Title, Cut and Wipes.**

Native Matrix Mode

Di-VentiX 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.

To Control Di-VentiX

- **Remote Control Software** (supplied)
- **Axion**: High End event Remote Console
- **TripliX**: Event Remote Console
- **RK8022-T**: Keypad with or without T-bar



Axion



TripliX



RK8022-T

Cables for Di-VentiX

- > BNC Cables from 1.8m/6ft to 20m/66ft
- > VGA Cables from 0.4mm/6ft to 1.8m/6ft
- > VGA/BNC Adapter Cables in 1.8m/6ft and 3m/10ft
- > Remote Cables from 0.5m/1ft to 30m/100ft
- > BNC HD-SDI Cables M/M from 3m/10ft to 30m/100ft
- > DVI Cables from 1.8m/3ft to **70m/230ft**

Common Features in all modes

Equipped with 2 SDI/HD-SDI and 1 DVI input and DVI and HD-SDI outputs, **Di-VentiX** is a full digital In/Out signal processor providing enhanced image quality. **Di-VentiX** features 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 control can be individually set and stored in a non-volatile memory.

> **Logo Insertion and Frame Stores**: Record 6 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.

> **Audio Option**: This optional card features 8 balanced stereo inputs, 2 balanced stereo outputs (+ mono), 1 auxiliary input mixed (not switched) with the 8 inputs with settable levels and master volume.

Multiple Screens

Di-VentiX can be upgraded with **Cross Blender** for multiple projectors edge blending.

Di-VentiX is specifically 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.

References

> **DVX8022**: Di-VentiX™

- **ARC100**: Axion™*

- **TRC8022**: TripliX™*

- **RK8022**: Remote keypad*

- **RK8022-T**: Remote keypad with T-Bar*

* sold separately

Options

- **CBD-UP**: Cross Blender™

- **OPT-iX-A**: 8+1 stereo audio inputs + 2 stereo outputs, Main and Pre-listen

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