

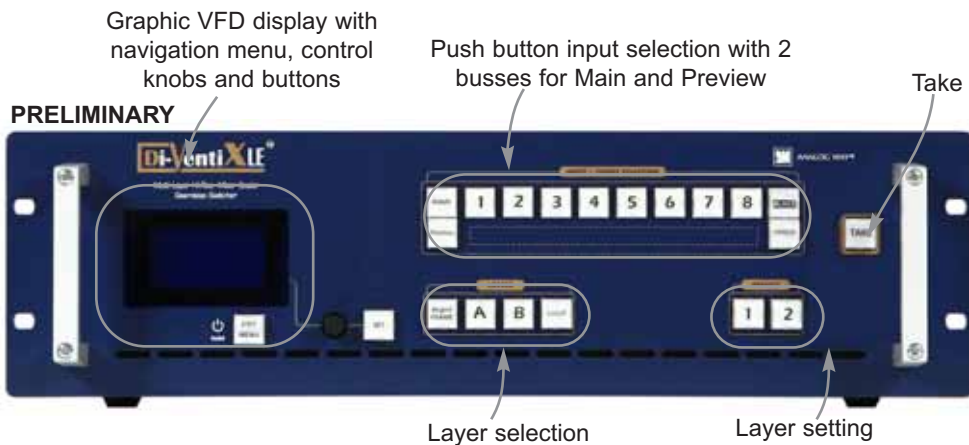
# Di-VentiX LE™

**NEW**

PRELIMINARY

Ref: DVX8032

## Dual Scaler Multi Layer Hi-Resolution Mixer Seamless Switcher



### References

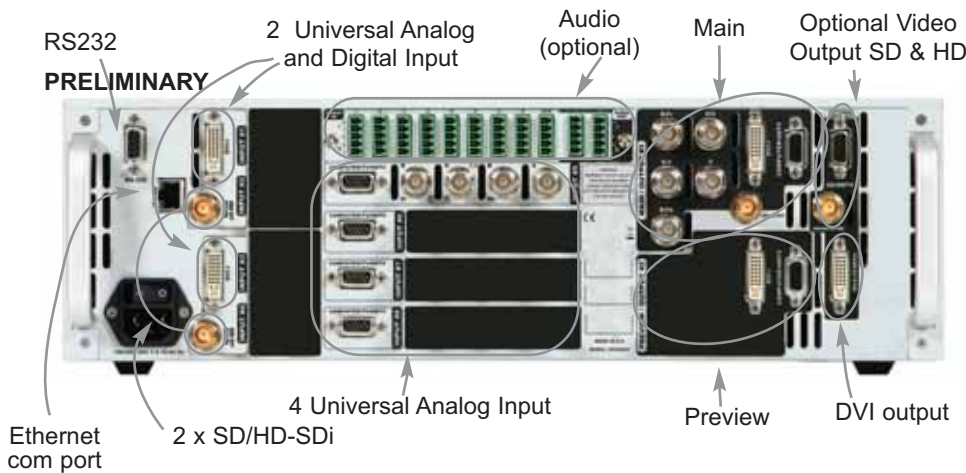
- DVX8032: Di-VentiX LE
- DVX8032-A: Di-VentiX LE with Audio Switcher Option
- DVX8032-VO: Di-VentiX LE with Video Output Option (\*3)
- DVX8032-VO-A: Di-VentiX LE with Video Output and Audio Switcher Options

### Options

- OPT-8044-A: Audio Switcher Option
- OPT-8032-VO: Video Output Option

### Cables for Di-VentiX LE (Optional)

- > 1.8m/6ft to 20m/66ft BNC Cables
- > 1.8m/6ft to 20m/66ft S.Video Cables
- > 0.5m/1ft to 30m/100ft Remote Cables
- > 3m/10ft to 30m/100ft SDI-HD SDI Cables
- > 1.8m/3ft to 70m/230ft DVI Cable
- > 0.5m/1ft to 1.8m/6ft VGA Cable



### Inputs

- 2 x Universal Analog and Digital Inputs (DVI-I)
- 4 x Universal Analog Inputs
- SDTV, EDTV, HDTV and Computer formats up to 2K
- 2 x SD/HD-SDI
- Full Digital In/Out Processing

### Outputs

- 2 x Analog and Digital Outputs: Main & Preview
- HDTV and Computer Formats up to 2K
- RGBHV, DVI and HD-SDI (Main Only)
- Optional Video Output: SD/HD-TV Analog and Digital

### Operation Modes and Effects

- Multi Layer Mixer
- 2 Live Layers
- 8 Full Frames, 8 Logo Memories
- DSK (Down Stream Keying) & Chroma Key
- 16/9, 4/3, special sized and cropped output
- Pan & zoom resizing up to 1000%
- Dissolve, Transparency
- 2 PIP's (on still background)

### Additional features

- RS232 and Ethernet Port for Control or Upgrade
- Remote Control Software (Included)
- Optional Integrated Audio Stereo Switcher
- Optional Integrated Recording Video Output



RKD8044-T

# High Resolution Mixer and Seamless Switchers

**Di-VentiX LE™** by **Analog Way** is a Multi Layer Mixer Scaler Seamless Switcher with Universal Analog and Digital input/output and Full High Resolution Digital Processing. It offers numerous Live effects including PiP as well as a Multi Layer Mixer operation mode.

## Multi Layer Mixer Mode

**Di-VentiX LE** uses one output as a Preview and the other, the Main output, for the audience. The Preview allows viewing 100% <sup>(\*)</sup> of what the Main output will display. Thanks to its full frame and logo memory, the **Di-VentiX LE** can display up to 4 layers: 2 Live Sources, 1 Frame and 1 Logo. Live Layers can be customized by the users with various attributes: Mask, Transparency... Full screen Frame can be used as a background.

## General Features

The **Di-VentiX LE** offers 2 DVI-I inputs including analog connectors, 2 SDI inputs as well as 4 universal analog inputs. SDI is compatible with SD and HD TV formats so is DVI which offers computer formats in addition. With state of the art 100% digital processing, the **Di-VentiX LE** outputs Digital and Analog Signals in SDI, DVI and VGA (RGBHV) (simultaneously on the main output<sup>(\*)</sup>) with a selection of many formats from HDTV to Computer 2K. **Di-VentiX LE** provides a high image quality thanks to its true 10 bit SD/HD auto adaptive pixel by pixel 3D motion compensation processing, de-interlacing, auto 3:2 and 2:2 reverse pull down circuitry and processing, TBC and Frame follower.

**LOGO and FULL FRAME** can be recorded in the large non volatile memory of the **DVX8032**: up to 8 still logos and 8 full screen frames. These elements can be acquired from the displayed image or uploaded.

Audio Stereo switcher card (optional) features 8 inputs and 2 outputs. An auxiliary input can be mixed with any other input. Master volume and individual input level can be adjusted. Each input and output offers balanced or unbalanced connections.

Video Output card (optional) provides SD or HD TV formats in various signals and connectors from Composite Video to HD SDI. This output can be used to record the show by outputting the same content as the Main output.

**Di-VentiX LE** is a high grade easy to use A/V Presentation Mixer Switcher particularly adapted to High Resolution A/V presentations due to its excellent versatility. Fully operational from its own front panel, remote control **RKD8044(T)** or computer software (RCS supplied), it offers a variety of control options. Equipped with TCP/IP and RS232, **Di-VentiX LE** can be updated with new features and functions.

## Technical Specifications

### 8 Universal Inputs

#### Analog Inputs (inputs #1, #3, #5, #6, #7, #8)

- SD-TV** • Composite, S.Video, YUV, RGB or RGBS
- NTSC: 15.735kHz / 60Hz
- PAL/SECAM : 15.625kHz / 50Hz

#### ED/HD-TV

- RGsB, RGBS or YUV
- 480p / 60 Hz – 576p / 50 Hz - 720p, 1080i, 1035i / 50 or 60Hz – 1080p / 24, 25, 30, 50 or 60 Hz – 1080psF / 24, 25 or 30 Hz

#### Computer

- RGBHV, RGBS or RGsB
- Resolution up to 1600x1200 / 60 Hz, 1920x1200 / 60 Hz or 2048x1080 / 60 Hz
- Horizontal frequency from 31.5 to 130 kHz
- Vertical frequency up to 130 Hz
- FpxMax = 165MHz

#### Digital Inputs ( Inputs #1 to #4 only)

- DVI-D: SD-TV, ED-TV, HD-TV and Computer formats (inputs #1 and #3)
- SDI: SD-TV & HD-TV – YUV / 10bits / 4:2:2 (inputs #2 and #4)
- Automatic synchronization detection

### Main and Preview Outputs

#### Computer Digital and Analog

- RGBHV, RGBS or RGsB and DVI
- Resolution up to 1600x1200 / 60 Hz, 1920x1200 / 60 Hz or 2048x1080 / 60 Hz
- Vertical frequency 50, 60, 72 or 75 Hz depending on Output format
- FpxMax = 165MHz

#### HD-TV

- RGsB, RGBS or YUV, DVI and HD-SDI (Main Only)
- 720p, 1080i, 1035i / 50 or 60Hz – 1080p / 24, 25, 30, 50 or 60Hz (1080p/ 50 and 60 Hz is not available in HD-SDI)
- 1080psF / 24, 25 or 30 Hz

### Optional Video Outputs

- Analog and Digital SD/HD-TV
- SD-TV: NTSC/PAL, S.Video, RGB/YUV, DVI-D and SDI
- HD-TV: RGB/YUV, DVI-D and HD-SDI
- HD Formats: 720p, 1080i / 50 or 60Hz – 1080p / 24, 25, 30, 50 or 60 Hz – 1080psF / 25 or 30 Hz (1080p / 50 and 60 Hz is not available in HD-SDI)

### Optional Audio Stereo In/Out

- Inputs:** - 8 Audio stereo inputs + 1 Auxiliary
  - Balanced/Unbalanced
  - Vi = +18dB
  - Zi = 20 kOhms (Unbalanced) / 40 kOhms (Balanced)
  - Adjustable Level per input
- Outputs:** - 2 independent outputs
  - Balanced/Unbalanced
  - Vo = +18 dBu / 300 Ohms (Unbalanced)
  - Vo = +24 dBu / 600 Ohms (Balanced)

### User Controls - Front Panel

- Standby On/Off
- Input, Layer and Logo direct access
- Freeze/Black
- User defined layer properties
- Large Graphic VFD screen with control knob and buttons for Easy and fast access to menus and adjustments

### Connectors - Rear Panel

- Input #1 and #3 Connectors:**
  - DVI-I Female: (Digital and Analog SD/ED/HD-TV and Computer)
- Input #2 and #4 Connectors:**
  - BNC (SD/HD-SDI)
- Input #5 Connector:**
  - HD15-F and 4 x BNC: (Analog SD/ED/HD-TV and Computer)
- Input #6 to #8 Connectors:**
  - HD15-F: (Analog SD/ED/HD-TV and Computer)

### Output Main:

- DVI-I Female: (Digital and Analog) RGB or YUV
- HD15 Female: RGB or YUV
- BNC : HD-SDI
- BNC (x5): RGB or YUV
- Output Preview:**
  - DVI-I Female
  - HD 15 Female: RGB or YUV

### Connectors - Rear Panel continued

- DB9: RS232 for remote control
- RJ45: Ethernet connection
- AC mains connector with On/Off switch
- Optional Video Out:**
  - DB9-F: NTSC/PAL, S.Video, SD/HD-RGB/YUV
  - BNC-F: SD/HD-SDI
  - DVI-D-F: SD/HD-TV
- Optional Audio:**
  - 5 pins MCO connectors: 9 for Inputs and 2 for Outputs

### Dimensions: 3U, 19"

- D 16.5" x W 19" x H 5.25"
- D 420 mm x W 480 mm x H 133 mm

### Weight: 6.3kg / 14.3lbs

### Power Supply

- Internal, universal, automatic, 100-250 V; 50/60 Hz; 250 W (UL, CSA, GS, CE)

### Supplied with

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

### Warranty

- 3 year warranty on parts and labor back to factory

### Specifications subject to change without prior notice

(\* 1): Can be used simultaneously when the format is compatible

(\* 2): If a Scaler is available

(\* 3): For recording only

(\* 4): Down Stream Keying

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