Quattro Vue FX™
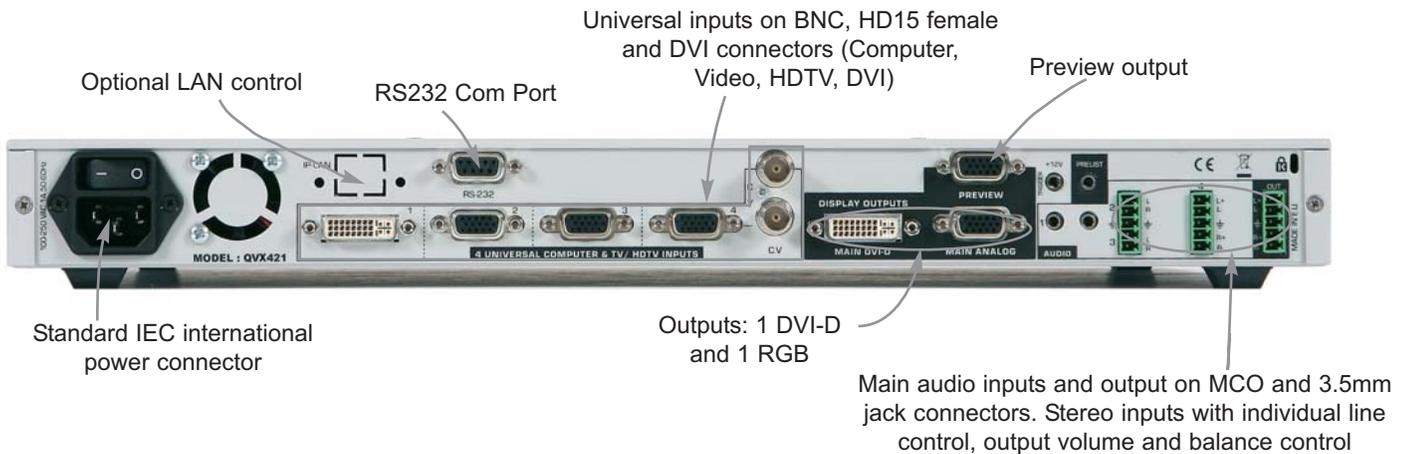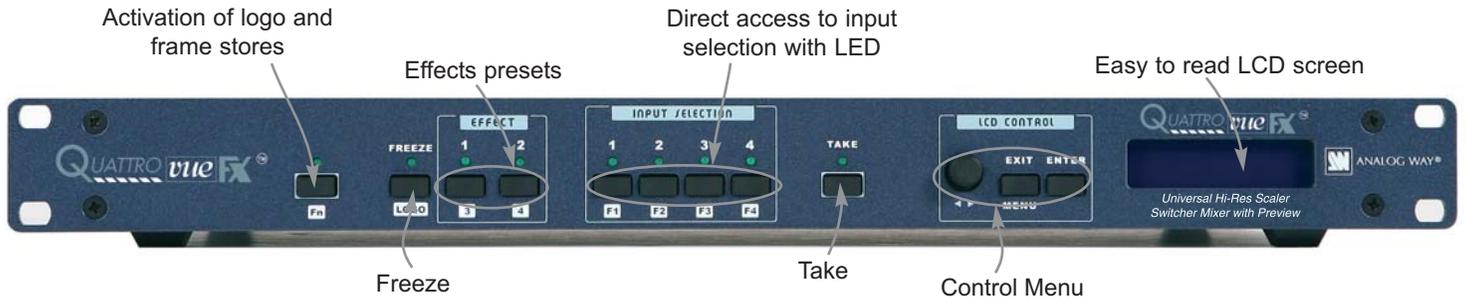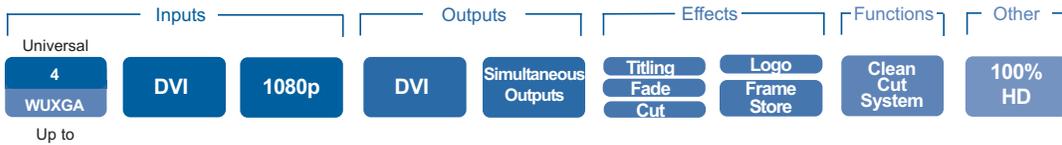
New!

HD Seamless Switcher for Conference Rooms, Houses of Worship and Large Screen Projections

Model. QVX421

Inputs			Outputs		Effects		Functions	Other
Universal **4** WUXGA Up to	**DVI**	**1080p**	**DVI**	**Simultaneous Outputs**	**Titling** **Fade** **Cut**	**Logo** **Frame Store**	**Clean Cut System**	**100% HD**

Activation of logo and frame stores

Effects presets

Direct access to input selection with LED

Easy to read LCD screen

Freeze

Take

Control Menu

Optional LAN control

RS232 Com Port

Universal inputs on BNC, HD15 female and DVI connectors (Computer, Video, HDTV, DVI)

Preview output

Standard IEC international power connector

Outputs: 1 DVI-D and 1 RGB

Main audio inputs and output on MCO and 3.5mm jack connectors. Stereo inputs with individual line control, output volume and balance control

Inputs
- 4 universal inputs with DVI
- Computer and DVI up to WUXGA / 1080p
- Video: NTSC/PAL/SECAM, S. Video, YUV, RGB, HDTV
- Stereo Audio with level adjustment for each input

Outputs
- Main: 1 RGB + 1 DVI-D up to WUXGA / 1080p
- Preview: XGA RGBHV
- Audio Stereo Main and Pre-List with level adjustment

Effects
- Scaled Preview and Hi-Res. Picture in Picture
- Fade, Titling, Seamless and Clean Cut
- Logo insertion: 1 animated and 8 still logos
- 4 Frame Stores stored in non volatile memory

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Technical Specifications

4 Universal Inputs
- **Composite Video** NTSC = 15.735 kHz/60 Hz
  PAL/SECAM = 15.625 kHz/50Hz
- **S.Video (Y/C)** NTSC = 15.735 kHz
  PAL/SECAM = 15.625 kHz/50Hz
- **Component (YUV)** 15.625 kHz/50 Hz – 625L
  15.735 kHz/60 Hz – 525L
- **RGB/S** (TTL or 0.3V Analog), **RGsB** (SOG: 0.3V Analog),
  15.625 kHz/50 Hz - 625L, 15.735 kHz/ 60 Hz - 525L
- **HDTV**: Component (HDYUV 2/3 Level Sync.) 1080i/60-50Hz,
  720p/60-50Hz, 480p/60Hz
- **Computer** (RGB HV, RGB/S and RGsB): PC, Mac, Workstation.
  Automatic Sync. & centering. Resolution from 640x480 to
  1600x1200 (up to 110kHz)
- **DVI**: Digital computer up to 1600x1200 RB/60Hz and
  1920x1200/60Hz (Fpx: 165MHz max)

Audio Inputs
4 Stereo Inputs
- 1 balanced audio input
- 3 unbalanced audio inputs
- Vi = + 18 dBu max
- Zi = 20 kOhms unbalanced
- Zi = 40 kOhms balanced
- Gain: adjustable

Main Display Output
- 1 x output (1 on HD15 F connector, RGB HV, RGB/S or RGsB
  selectable (H&V separated, Sync. Composite or SOG),
  RGB= 0.7Vp/p (75 Ohms)
- 1 x DVI-D on DVI-I connector
- Resolution: **4/3 & 5/4** = SVGA, XGA, SXGA+, UXGA, **16/9 &
  16/10** = WVGA, WSVGA, WXGA, WSXGA, WSXGA+,
  WUXGA(RB), 1080p
- Rate: Internal 50, 60, 72(*) & 75(*) Hz and Follow
(*): depending on resolution

Preview Display Output
- 1 x RGB HV separated Sync - RGB = 0.7V p/p (75 Ohms),
  resolution: XGA, Rate: 60Hz, Zo = 300 Ohms
- G = 0dB nominal, with master volume

Main Audio Output
- Stereo output (balanced & unbalanced)
- Vo = + 18 dBu max - Zo = 300 Ohms (unbalanced)
- Vo = + 24 dBu max - Zo = 600 Ohms (balanced)
- G = 0dB nominal, with volume

Prelist Audio Output
- Stereo output unbalanced
- Vo = + 18 dBu max

User Controls and Connectors
FRONT PANEL
User controls:
- Selection of inputs 1 to 4
- Programmable effect keys
- Freeze, Take
- LCD window & control buttons for menu: Test patterns, proc.
image adjust., input format selection, output format display, output
format & sync., audio input level and output, volume adjustments,
position & size adjustments, front panel control lockout

REAR PANEL
Input Connectors:
- Input #1: DVI-I
- Inputs #2 and #3: HD 15F
- Input #4: HD 15F + 2 BNC
- Audio inputs 2 to 4: on 5-pin screw terminal
- Audio input 1: on 3.5 jack stereo
Output Connectors:
- Main Video: DVI-I + HD 15F
- Preview Video: HD 15F
- Main Audio: 5-pin screw terminal
- Prelist Audio: Jack Stereo 3.5
Other:
- 1 x DB9F with 2 RS232 ports
- 1 x Jack 3.5: +12Vdc trigger
- Optional Ethernet Port 10/100BT: RJ45

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

Supplied with
- 1 x Power cable
- 1 x Set of 3 audio 5-pin screw terminals
- 1 x DVI-VGA adapter
- 1 x HD15F-5BNCF adapter cable of 0.5m (1.6ft)
- 1 x Remote control software
- 1 x User Manual

Quattro Vue FX™ by Analog Way

is a **High Resolution Digital and Analog, Computer & Video Scaler Seamless Switcher**. In addition, **QVX 421** offers a true scaled preview and effects including High Resolution PIP for Computer & Video formats.

QVX 421 is fitted with 4 Universal A/V inputs including one DVI, and 3 outputs: 1 Analog, 1 DVI for the Main and 1 Analog for the Preview. It performs an ultra fast and smooth transition between any Video or Computer sources. It also allows true seamless switching between one computer Input (direct) and any other Video or Computer Input.

Preview : **QVX 421** is fitted with a true scaled Preview out offering the facility to visualize any source before displaying it on the Main output. Preview out ensures easy and safe presentations since any Video or Computer source can be checked on a simple LCD screen before being shown to the audience.

PIP : **QVX 421** creates High Quality picture insertion from any input. The PIP can be smoothly sized and moved anywhere over the background image. The PIP

To Control Quattro Vue FX

- **RKD500-T:** Remote console with T-Bar
- **RKD500:** Remote console
- **RKD100:** Remote console
- **Axion:** High End Remote controller

Axion

RKD500-T

RKD100

Dimensions: 19", 1U Compatible
- D 10.4" x W 19" x H 1.74"
- D 265 mm x W 482 mm x H 44 mm

Weight: 3.5 kg (7.7 lbs)

Warranty
3 year warranty on parts and labor back to factory

Specifications subject to change without prior notice

source can be fast & smoothly switched through a fade to black or customized color. The PIP opening offers a choice between Cut and Fade.

Other effects: **QVX 421** features effects such as fade and titling, high resolution logo insertion and frame stores.

QVX 421 is a High Performance State of the Art Up/Down Video and Computer Scaler. Ready to fit the native resolution of the latest HD display devices, it provides a high quality image thanks to its high quality digital decoder, improved 3:2 and 2:2 pull down circuitry, auto-adaptative pixel by pixel 3D motion compensation, time base corrector, frame rate converter & follower.

Easy to use, **QVX 421** offers an Auto Setup function and a powerful Auto Clock & Phase for Computers. Each input image control - brightness, contrast, color, hue, processing, aspect ratio, zoom, etc … - can be individually set and stored in non volatile memories. Each of the 4 Inputs is fitted with a stereo audio line.

The audio can either follow or break away from the Video image. **QVX 421** is fitted with a Dual RS232 Com port for Integral remote control and automatic control of other devices in the installation. Field upgradable firmware maintains the high value of your equipment. Upgrades are available on the website. An optional TCP/IP connection allows for remote control and/or upgrade.

This ultra compact and user friendly device is designed for high resolution A/V presentation displays, Houses of Worship, conference and boardrooms, and events.

References

> **QVX421:** QUATTRO VUE FX with RS232 com port

- **RKD500-T *:** Remote control keypad with T-Bar
- **RKD500*:** Remote control keypad
- **RKD100*:** Remote control keypad

* : sold separately

Option

- **OPT-LAN:** Optional TCP/IP control interface

Cables for Quattro Vue FX

- S.Video Cables from 1.8m/6ft to 20m/66ft
- S. Video to BNC Cables of 1.8m/6ft and 5m/16ft
- RCA Cable of 1.2m/4ft
- RCA / BNC Adapter Cables
- Jack Stereo Cable of 1.2m/4ft
- Audio Stereo Cable of 1.2m/4ft
- VGA Cables from 0.4m/1ft to 1.8m/6ft
- VGA/BNC adapter Cables of 1.8m/6ft and 3m/10ft
- Remote Cables from 0.5m/1ft to 30m/100ft

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