

Quattro Value

Ref. QXE421

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



Inputs



Outputs

Features



QXE421 at a glance

- > Hi-Res. Computer & Video Up/Down Scaler Switcher
- > Main & Preview Outputs
- > User-friendly device for A/V presentations
- > Numerous Effects available

Reference

> [QXE421](#): Quattro Value

To Control Quattro Value

- > [Remote Control Software \(RCS\)](#): QXE421 (Supplied)
- > [RKD500-T](#): Remote Keypad RKD500-T

4 Inputs

- Analog & Digital In/Out up to 1080p
- 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

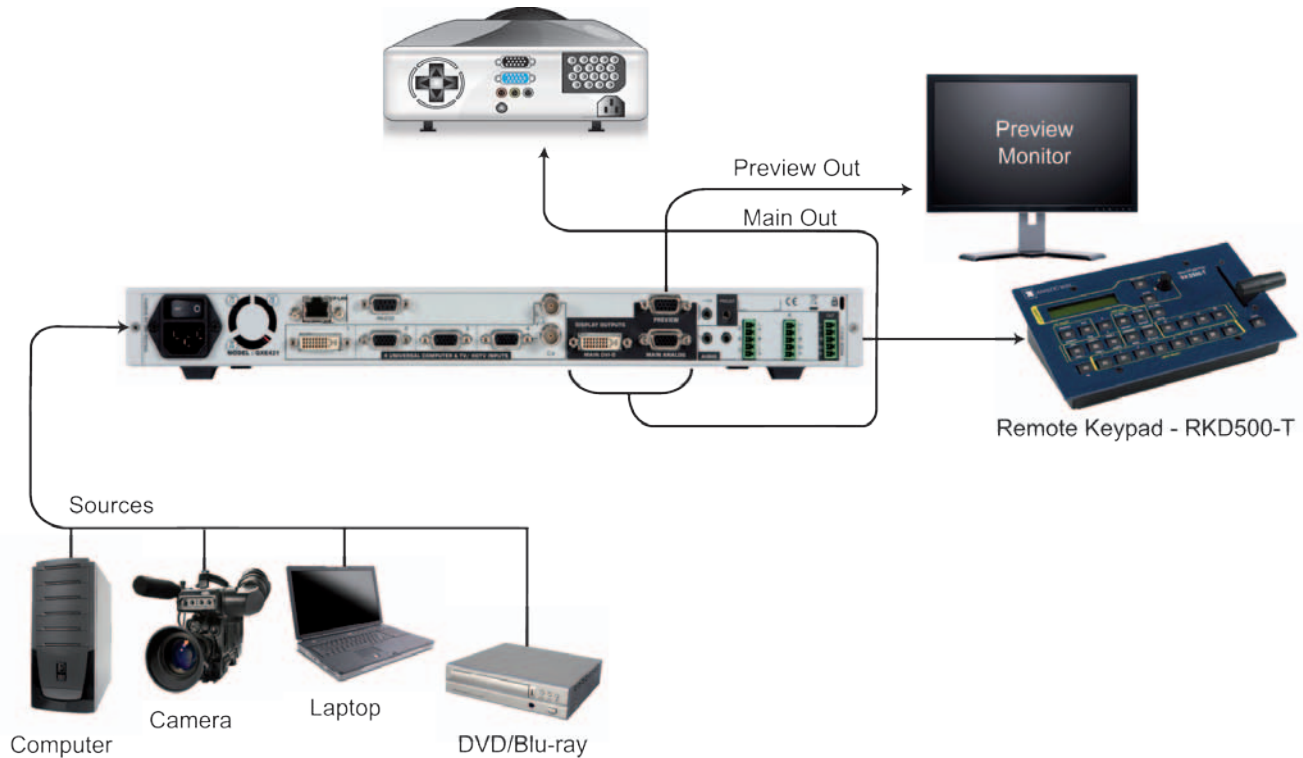
Effects

- Scaled Preview and Hi-Resolution Picture in Picture
- Fade, Titling, Seamless and Clean Cut
- Logo inserter: 1 animated and 4 still logos
- 4 Frames Stored in non-volatile memory



ANALOG WAY®

Connecting the QXE421:



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/60 Hz
 - 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 (HD YUV 2/3 Level Sync.) 1080i/60-50Hz, 1080p, 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 1600x1200/60Hz and 1920x1200/60Hz, RB^(*) (Fpx: 165MHz max)

Audio Inputs

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

Main Display Output

- 1x 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+, WXGA, 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: Internal 60Hz
- 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 screen & 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 to #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 stereo jack

Output Connectors:

- Main Video: DVI-I + HD 15F
- Preview Video: HD 15F
- Main Audio: 5-pin screw terminal
- Prelist Audio: 3.5 Stereo Jack

Other:

- 1 x DB9F with 2 RS232 ports
- 1 x 3.5 Jack : +12Vdc trigger
- 1 x RJ45: Ethernet Port 10/100BT

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

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 supply cord
- 1 x Set of 3 audio 5-pin screw terminals
- 1 x DVI-VGA adapter
- 1 x HD15F-5BNCF adapter cable of 0.5m (1.5ft)
- 1 x Remote Control Software (RCS) (PC Only)*
- 1 x User Manual*
- 1 x Quick Start Guide*

WARRANTY

3-year warranty on parts and labor back to factory

Specifications subject to change without prior notice



* All RCS, User Manuals and Quick Start Guides are available on www.analogway.com