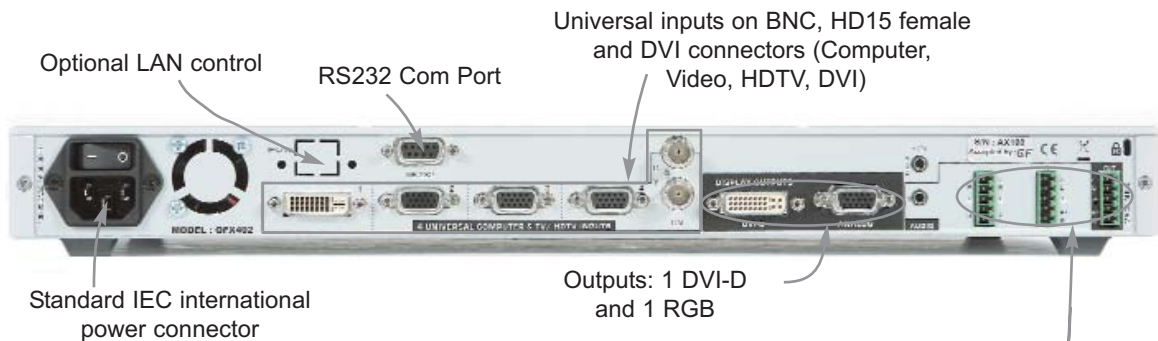
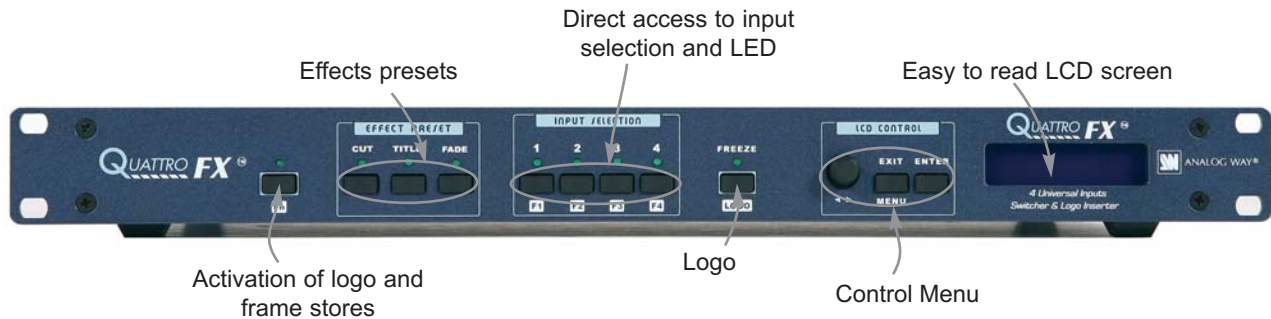
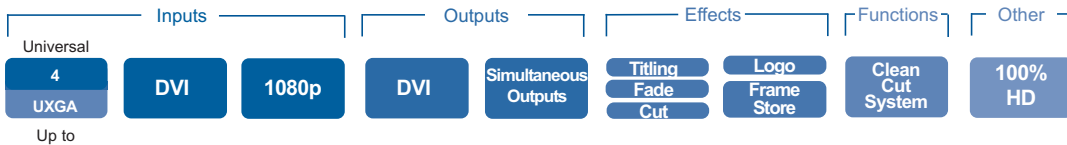


Quattro FX™

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

New!

Model. QFX402



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

Inputs

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

Outputs

- 1 DVI-D + 1 RGB up to UXGA / 1080p
- Audio Stereo with level adjustment

Effects

- Fade, Titling, Seamless Cut
- Ultra fast and smooth or colored switching
- Logo insertion: 1 animated and 8 still logos
- 4 Frame Stores stored in non volatile memory



ANALOG WAY®

www.analogway.com

P/N : QFX402/B1107-VA

Seamless Switchers

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
1920x1080/60Hz (Fpx: 165MHz max)

Audio Inputs

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

Main Display Output

- 1 x Buffered 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+, 1080p
- Rate: Internal 50, 60, 72(*) & 75(*) Hz and Follow
(*) : depending on resolution

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

User Controls and Connectors

FRONT PANEL

User controls:

- Selection of inputs 1 to 4 and frame stores
- Programmable effect keys
- Freeze, logo
- 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 and #3: HD 15F
- Input #4: HD 15F + 2 BNC
- Audio inputs 2 to 4 and auxiliary: on 5-pin screw terminal
- Audio input 1: on 3.5 jack stereo

Output Connectors:

- Video: DVI-I + HD 15F
- Audio: 5-pin screw terminal

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 HD15M-5BNCF adapter cable of 0.5m (1.5ft)
- 1 x Remote control software
- 1 x User Manual

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

Quattro FX™ by Analog Way is a High Resolution Digital and Analog, Computer & Video Scaler Seamless Switcher.

QFX 402 features many effects: **fade** and **titling**, high resolution **logo insertion** and **frame stores**.

It is fitted with 4 Universal A/V inputs including one DVI, and 2 outputs: 1 Analog and 1 DVI. It performs an ultra fast and smooth transition between any Video or Computer sources. It also allows a true seamless cut between one Computer Input (direct) and any other Video or Computer Input.

QUATTRO FX 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, **QFX 402** 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. **QFX 402** 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 **Analog Way** web site. 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.

To Control Quattro FX

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



Axion



RKD500-T



RKD100

References

> **QFX402:** QUATTRO FX with RS232 com port

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

* : sold separately

Option

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

Cables for Quattro 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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