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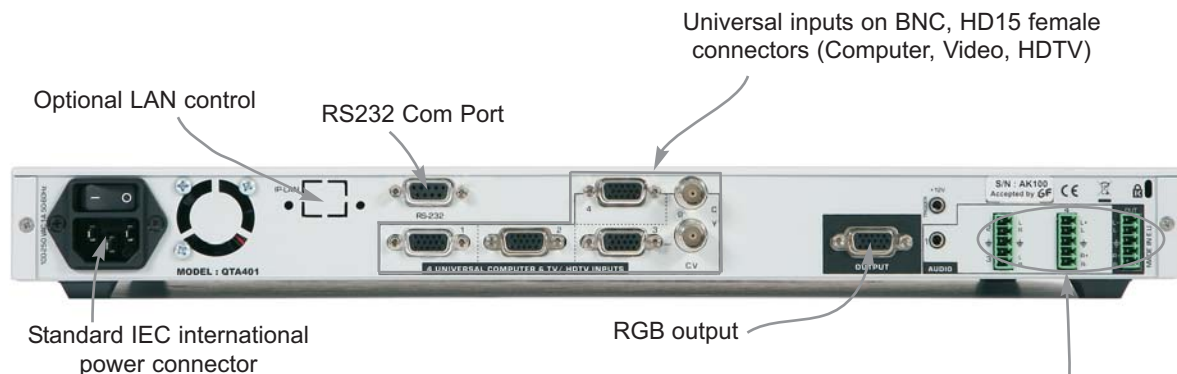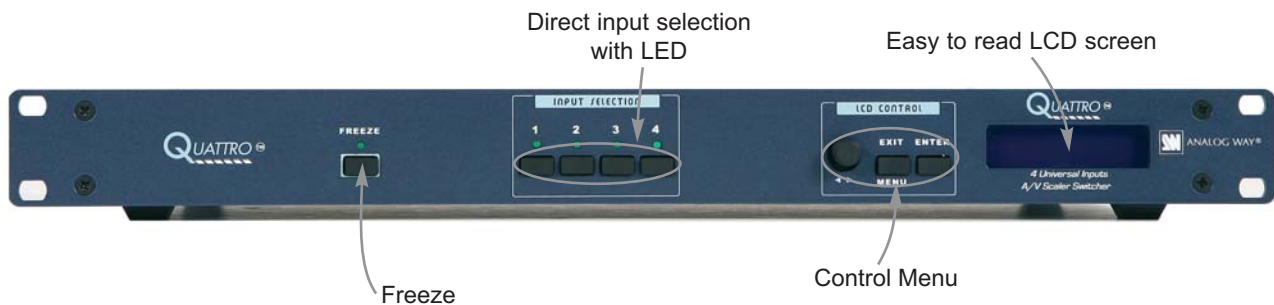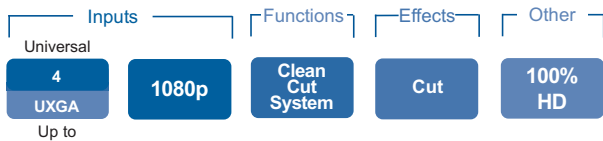
HD Seamless Switcher for Conference Rooms, Houses of Worship and Large Screen Projections

New!

Model. QTA401

Inputs		Functions	Effects	Other
Universal				
4	**1080p**	**Clean Cut System**	**Cut**	**100% HD**
UXGA				
Up to				

Direct input selection with LED

Easy to read LCD screen

Freeze

Control Menu

Optional LAN control

RS232 Com Port

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

Standard IEC international power connector

RGB output

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
- Computer up to UXGA
- Video: NTSC/PAL/SECAM, S. Video, YUV, RGB, HDTV
- 4 Stereo Audio with level adjustment for each input

Output
- Scaled A/V Output up to 1920x1080 or 1600x1200
- 1 RGB up to UXGA /1080p
- Audio Stereo with level adjustment

Effects
- Seamless Cut
- Ultra fast and smooth or colored switching
- Auto centering of image
- Time Base Corrector

ANALOG WAY®

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)

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

Display Output
• RGB HV, RGB/S or RGsB selectable output (H&V separated, Sync. Composite or SOG), RGB=0.7Vp/p (75 Ohms)
• 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

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
• Freeze
• 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, #2 and #4: HD 15F
• Input #3: HD 15F + 2 BNC
• Audio inputs 2 to 4: on 5-pin screw terminal
• Audio input 1: on 3.5 jack stereo
Output Connectors:
• Video: 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 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™ by Analog Way is a High Resolution, Computer & Video Scaler Seamless Switcher.

QTA 401 is fitted with 4 Universal A/V inputs and 1 Analog output. It performs an ultra fast and smooth transition between any Video or Computer source. It offers a clean cut between any input.

QUATTRO 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 superior 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, **QTA 401** 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. **QTA 401** 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

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

Axion

RKD500-T

RKD100

References

> **QTA401:** QUATTRO with RS232 com port

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

*: sold separately

Option

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

Cables for Quattro

- 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