

CentriX™

CentriX

iX Range

Ref. CTX-8022

- > Hi-Res Computer and Video Seamless Switcher
- > For High Resolution A/V Presentations in Large Events, Conference, Houses of Worship, Exhibition Centers...
- > Flexibility with Two Operation Modes
- > PIP and Powerful Effects



• 2 Operation Modes

- Mixer Seamless Switcher with Main & Preview
- 8 x 2 Hi-Res. Scaled Native Matrix

• 8 Universal Inputs

- Composite, S.Video, YUV, RGB, HDTV
- Computer: up to UXGA
- Optional DVI & SD/HD-SDI

• Outputs

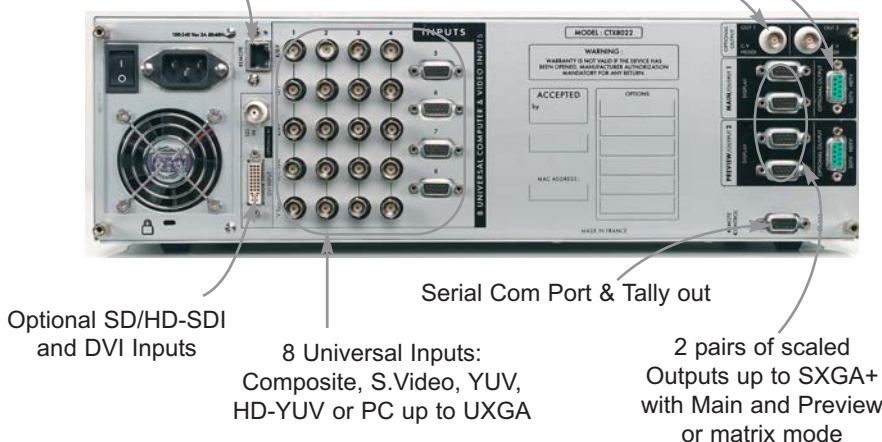
- 2 x Scaled up to 1400 x 1050 (SXGA+ & D-ILA),
- Optional TV: SDI, YUV, Y/C, CV

• Effects

- Fading, Titling, Mixing, PIP, Cut (Seamless Switching)
- Hi-Res. Logo Inserter & Frame Store
- Logo(s) from Computer and Video Sources

Optional: Composite, S.Video, SDI & YUV/RGB to record or broadcast the main output

TCP-IP interface



Optional SD/HD-SDI and DVI Inputs

8 Universal Inputs:
Composite, S.Video, YUV,
HD-YUV or PC up to UXGA

Serial Com Port & Tally out

2 pairs of scaled
Outputs up to SXGA+
with Main and Preview
or matrix mode



ANALOG WAY®

www.analogway.com

P/N: CTX8022:C0606-VA

HI-RES MIXER & SEAMLESS SWITCHERS

CENTRIX

TECHNICAL SPECIFICATIONS

8 UNIVERSAL VIDEO 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**
- **Computer (RGB HV, RGB/S et RGsB):** PC, Mac, wkst., automatic sync. & centering, res. from 640x480 to 1600x1200 (up to 110kHz)
- **HDTV:** Component (HD YUV 3 Level Sync.) 1080i/60Hz, 720p/60Hz, 480p/60Hz
- **Options:**
 - SD/HD-SDI – 4:2:2 (10 bits)
 - DVI up to UXGA

DISPLAY OUTPUT:

- 2 x MAIN / Out 1
- 2 x PREVIEW / Out 2
- RGB HV, RGB/S or RGsB (H&V separated, sync. Composite or SOG)
- RGB = 0.7V p/p (75 Ohms load)
- Output res.: SVGA, XGA, SXGA, SXGA+, D-ILA, 16/9, Plasma 852x480, 1365x768, 720p, 480p
- **Options:**
 - SDTV (15kHz): Component, S.Video, Composite NTSC/PAL

USER CONTROLS

- Full control by additional remote keypad or provided software

LOGO & FRAME STORE

- 8 logos & 2 frame stores, up to SXGA, 16 million colors
- Non-volatile memory
- Flash capture of Video or Computer sources
- 256 step keying threshold control
- Settable H&V logo position
- 2 logos allocated by input

EFFECTS: Cut, PIP, fade, title, mix

INPUT CONNECTORS

- Input 1 to 4: on 5 x BNC
- Input 4 to 8: on HD 15F
- DVI-I + BNC: CTX8022-HD only

OUTPUT CONNECTORS

- MAIN / OUT 1: 2 x HD15F
- PREVIEW / OUT 2: 2 x HD15F

OTHER

- RS 232 Serial com port for remote control and update
- RJ 45 for TCP/IP

POWER SUPPLY

- Internal, universal, automatic, 100-250 VAC; 50/60 Hz (130 W) (UL, CSA, GS, CE) ON/OFF AC Main switch

DIMENSIONS: 19", 3U

- D370 mm x W480 mm x H133 mm
- D14.5" x W19" x H5.25"

WEIGHT: 7.5 kg / 16.5 Lbs (no option)

WARRANTY: 3 year warranty on parts and labor back to factory

Specifications subject to change without notice

CentriX™ by **Analog Way** is an 8 Universal Input **Computer & Video Up/Down Mixer Scaler Switcher** featuring numerous effects (cut, fade, PIP, title, mix) together with hi-res. logo insertion and frame store functions. Fitted with 8 universal inputs, it can be used as an 8 x 2 scaled matrix as well as a mixer.

NATIVE MATRIX MODE

CentriX, when used as a hi-res. matrix, allows to switch any of the 8 inputs to one of the 2 outputs. The inputs are scaled and can be displayed with different resolutions on outputs 1 and 2.

MIXER MODE

CentriX scales all sources – video and computer – and performs mixing and seamless switching transitions between any 2 inputs. It also performs various effects (PIP, fade, title, mix, cut). The 2 Main outputs match the native resolution of any video-projector or hi-res. display devices, and the Preview outputs allow to monitor the sequences before they are displayed on the main screens, avoiding errors during a presentation.

- **PIP Effect:** high quality picture insertion from any input. The PIP can be sized and moved anywhere over the background image. Both background image and PIP can be fast & smoothly switched through a fade to black or customized color. Customizable borders are also available.

- **FADE Effect:** between any input, computer or video with adjustable cross-fading duration.

- **TITLE Effect:** over a computer or a video image. The title remains on the screen during the transition. The shadow title function, with settable vertical size and position as well as level of shadow, increases readability on bright images.

FEATURES IN BOTH MATRIX & MIXER MODE

CentriX provides a high quality image thanks to its integrated 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. Each input image control can be individually set and stored in non-volatile memory.

LOGO INSERTION & FRAME STORE

True hi-res. 16 million color image defined either by keying or image cut-out: The frame store and logo(s) can be flash captured from any video or computer sources into a non-volatile memory. Up to 2 logos can be allocated by input and positioned anywhere on the screen. The frame store can be used as a welcome or transition image while switching between 2 sources.

CentriX is specifically designed with a blank front panel for hi-res. A/V presentation displays, conference room installations, boardrooms and exhibition centers. It offers a user-friendly interface and can be easily controlled remotely & upgraded via its RS232 or TCP/IP ports, or using the optional remote keypad. The result is dynamic, glitchfree and astonishing.

To control the CentriX:

- **Remote Control Software** (supplied)
- **AXION:** High end event remote console
- **TripliX:** Event remote console
- **RK8022-T:** Keypad with or without T-bar



AXION



TripliX



RK8022-T

Download
at www.analogway.com:
- product spec sheets in pdf
- latest product upgrades
- latest control software

REFERENCES

- **CTX8022:** CentriX™
- **CTX8022-HD:** Same as above with DVI and SD/HD-SDI inputs
- **RK8022:** Remote keypad*
- **RK8022-T:** Remote keypad with T-Bar*
- **ARC100:** Axion™*
- **TRC8022:** TripliX™*

* sold separately

OPTIONS

- **CBD-UP:** Cross Blender
- **SWM-OE:** Show Manager Open Edition
- **OPT-SDTV-iX-D1:** SDTV, S.Video, SDI output & YUV/RGB for Main output

ANALOG WAY

USA and Canada
ANALOG WAY Inc
Tel.: 212 269 1902
Fax.: 212 269 1943
email: salesusa@analogway.com

Europe, Africa, South America and Middle-East
ANALOG WAY FRANCE
Tel.: 331 64 47 16 03
Fax.: 331 64 47 14 73
email: saleseuro@analogway.com

Asia and Asia Pacific
ANALOG WAY Pte Ltd
Tel.: 65 62 92 58 00
Fax.: 65 62 92 52 05
email: salesasia@analogway.com