

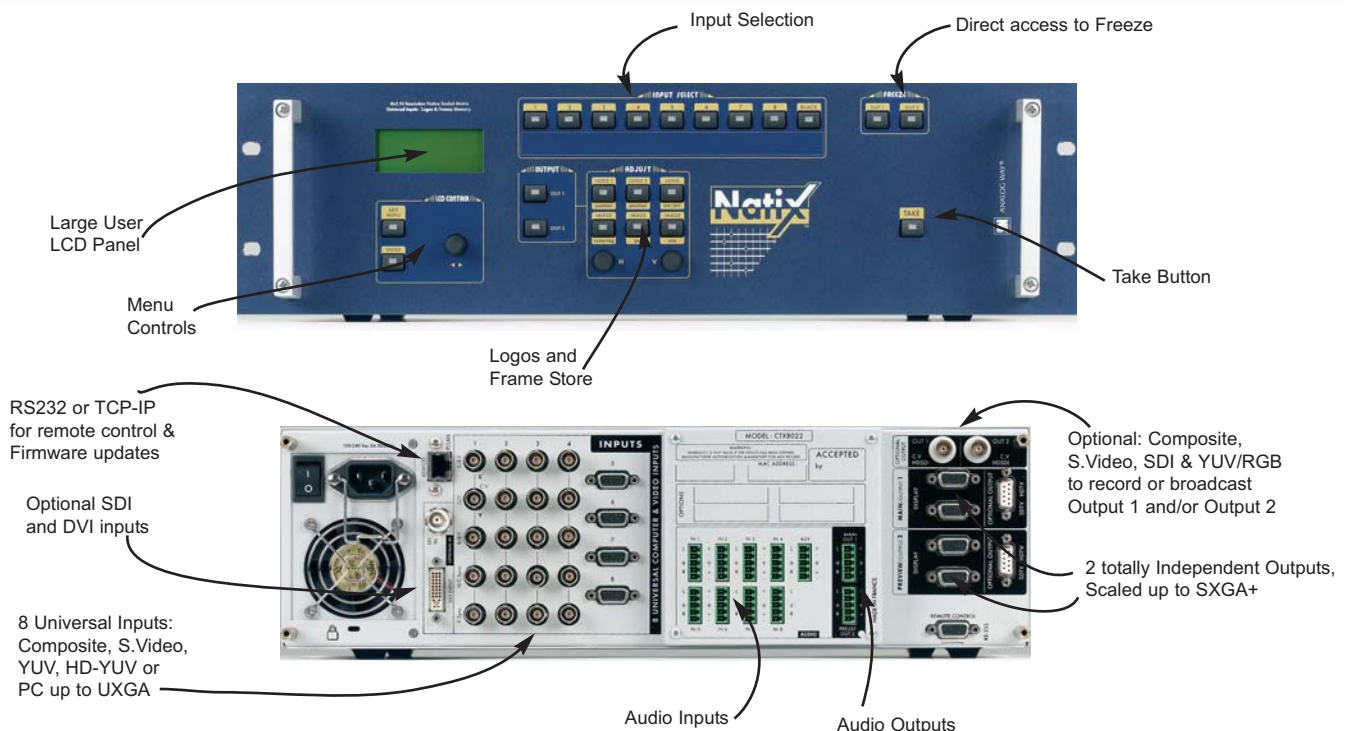
# Natix™

## Natix

iX Range

ref. NTX-8022

- > 8 x 2 Scaled Matrix with Native Hi-Res Output
- > Dedicated to High Resolution Presentations in Boardrooms, Conference Rooms
- > High Resolution Logo Insertion and Frame Store



### • 8 A/V Universal Inputs

- NTSC/PAL/SECAM, S.Video, YUV, RGB, SDI\*, HDTV
- Computer up to UXGA, DVI\*

### • Outputs

- 2 x Scaled up to 1400 x 1050 (SXGA+ & D-ILA)
- \*Video output: Component, RGB/S, S.Video & SDI

### • Effects

- Hi-Res. Logo Inserter & Frame Store, Ultra Smooth Seamless Switching

### • Audio Stereo

- 8 + 1 Audio Inputs & 2 Outputs

\* optional



# HI-RES MIXER & SEAMLESS SWITCHER

## 8 A/V UNIVERSAL INPUTS

- **Composite, S.Video**, NTSC = 15.735 kHz/60 Hz, PAL/SECAM = 15.625 kHz/50Hz
- **Component (YUV)** 60/50 Hz -525/625L
- **RGB/S** (TTL or 0.3V analog)  
RGsB (SOG: 0.3V analog)
- **Computer** (RGB HV, RGB/S et RGsB): PC, Mac, Wkst., automatic synchro. & centering resolution from 640x480 to 1600x1200 (up to 110KHz)
- **HDTV**: Component (HD YUV 3 Level sync.) 1080i/60/50Hz, 720p/60Hz, 480p/60Hz
- **NTX8022A-D** features:
  - SDI – 4:2:2 (10 bit)
  - DVI up to UXGA

## DISPLAY OUTPUT

- 2 x 2 outputs: Out 1 & Out 2 (independent)
- RGB HV, RGB/S or RGsB
- RGB = 0.7V p/p (75 Ohms load)
- Output res.: SVGA, XGA, SXGA, SXGA+, D-LA, Plasma, 852x480, 1365x768, 720p, 480p
- Options:
  - SDTV (15kHz): SDI, YUV, S.Video, Composite NTSC/PAL

## AUDIO INPUTS

- 8 stereo inputs
- 1 auxiliary input
- Vi= + 18 dBu
- Zi= 20k Ohms unbalanced
- Zi= 40k Ohms balanced
- Adjustable level per input

## AUDIO OUTPUTS

- 2 independent outputs
- Stereo or mono
- Vo max= 18dBu unbalanced
- Vo max= 24dBu balanced
- Zo= 300 Ohms unbalanced
- Zo= 600 Ohms balanced

## USER CONTROLS

- Fully equipped front panel
- 4 Line LCD display with intuitive menu for complete in/out set up and image control
- Buttons for direct access to input selection, take, freeze, logos, etc...

## INPUT CONNECTORS

- Input 1 to 4: on 5 x BNC
- Input 5 to 8: on HD 15F

## OUTPUT CONNECTORS

- OUT 1: 2 x HD15F
- OUT 2: 2 x HD15F

## OTHER

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

## POWER SUPPLY

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

## SUPPLIED WITH

- 1 x AC power cable
- 1 x remote control software
- 1 x user manual

## DIMENSIONS:

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

**WEIGHT:** 8 kg (19 Lbs) (no option)

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

Specifications subject to change without notice

**NatiX™** by **Analog Way** is an **8x2 Hi-Res Scaled Native Matrix** with 8 universal inputs and different resolutions on each output. **NatiX** performs Ultra Smooth and fast switching transitions with no artifacts (independantly on the 2 outputs). The switching or transition can be performed with a fading effect, using a color, black, or one of the two images saved as a frame store. **NatiX** features logo insertion and frame store functions. **NatiX** can switch any of the 8 inputs to 1 or 2 outputs. The scaled inputs can be displayed on output 1 and/or 2 with different resolutions.

**NatiX** provides a high quality image thanks to its auto pixel clock, digital decoder, state of the art 3:2 and 2:2 pull down circuitry, auto-adaptative pixel by pixel 3D motion compensation, time base corrector and frame rate converter & follower. Each input image control can be individually set up and stored in non-volatile memory.

## LOGO INSERTION AND FRAME STORE

Record 2 full screen images and up to 8 logos in 16 million colors using a non-volatile memory. Images and logo(s) can be flash captured from any video or computer source by keying or image cut-out. Up to 2 logos can be allocated per input and positioned anywhere on the screen. The frame store can be used as a welcome or transition image while switching between 2 sources.

## AUDIO INPUT/OUTPUT

**NatiX** features 8 balanced stereo inputs and 2 balanced stereo (+ mono) outputs, and 1 auxiliary input mixed (not switched) with the 8 inputs with settable levels and master volume.

**NatiX** is specifically designed for hi-res A/V presentations, boardrooms and exhibition centers. **NatiX** offers a user-friendly interface with its front panel control, its large 4 line LCD display, and its Windows compatible software supplied. Equipped with an IP interface, it can easily be integrated in an Ethernet network. It can also be controlled & upgraded via its RS232, TCP IP or by using the optional remote keypad. **NatiX** offers exceptional image quality with great flexibility for glitchfree and professional presentation.

## To control the NatiX:

**TripliX:** Event remote console

**RK8022:** Keypad with or without T-bar:

- Front panel with input selection, direct access to effects, freeze, take and black control, picture adjustments
- Intuitive menu with user friendly set up and all image parameters
- Dimensions: D 5.1" x W8.6" x H4.01"/2.64"

D 130 mm x W220 mm x H 102/67 mm



TripliX



RK8022

## ANALOG WAY

## Download

at [www.analogway.com](http://www.analogway.com):

- product spec sheets in pdf
- latest product upgrades
- latest control software

## REFERENCES

- **NTX8022A:** NatiX with control software for Windows
- **NTX8022A-D:** Same as above with DVI & SDI input
- **TripliX:** remote console for 3 units\*
- **RK8022:** Remote keypad\*
- **RK8022-T:** Remote keypad with T-Bar\*

\* Sold separately

## OPTIONS

- **OPT-IX-SDTV-D1:** SDTV, S-Video, SDI output & YUV/RGB for output 1 and/or 2
- **SWM-OE:** Show Manager Open Edition