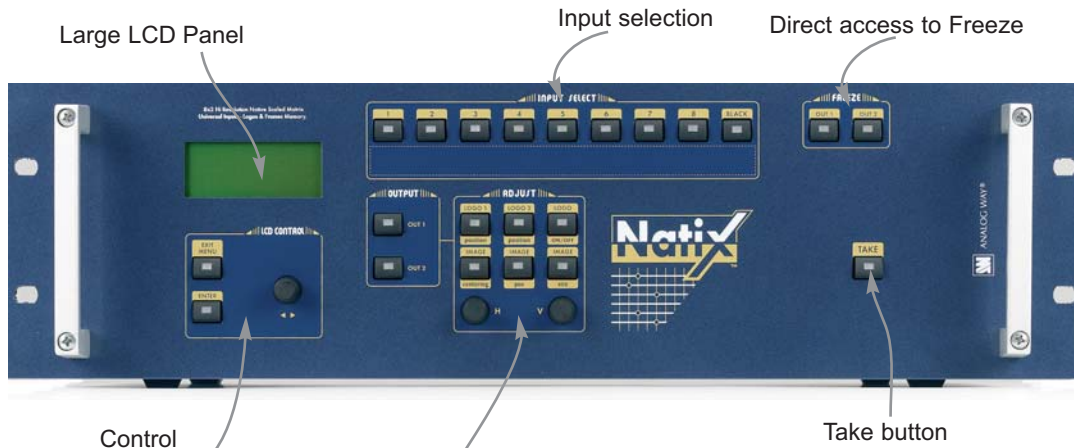


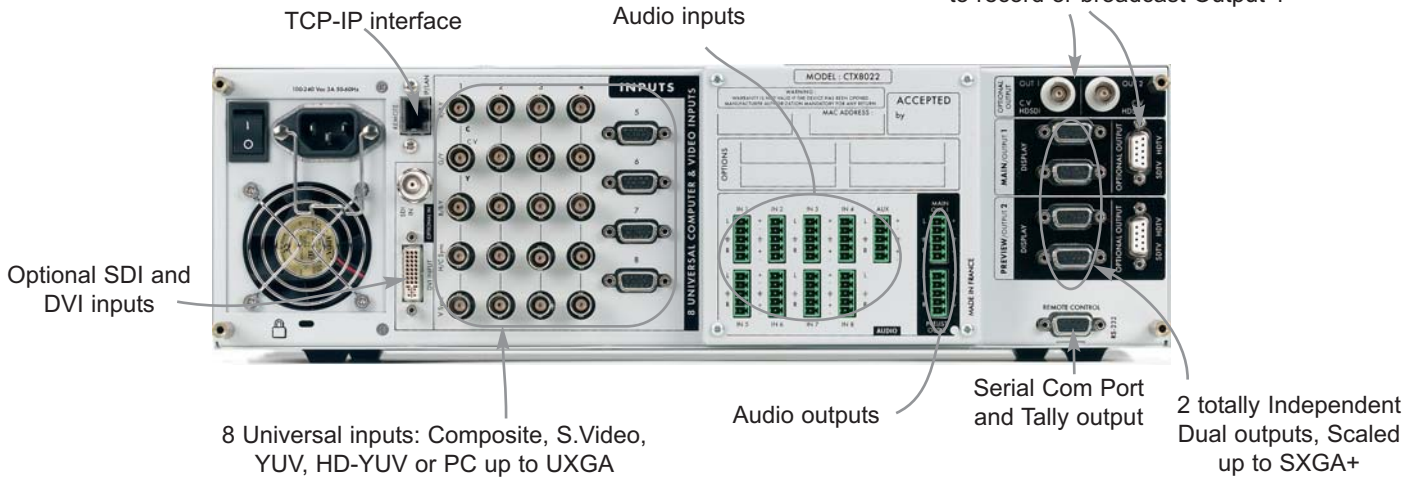
# NatiX™

## 8 x 2 Scaled Matrix with Native Hi-Res Output

Model. NTX8022



Optional: Composite, S.Video, SDI & YUV/RGB to record or broadcast Output 1



### 8 Universal Inputs

- NTSC/PAL/SECAM, 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)
- Video output\*: Component, RGB/S, S.Video & SDI, Composite Video

### Effects

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

### Audio Stereo

- 8 + 1 Audio Inputs & 2 Outputs



ANALOG WAY®

www.analogway.com

P/N: NTX8022/NA1107

# High Resolution Mixers and Seamless Switchers

## Technical Specifications

### 8 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)  
RGBS (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-HD** (only) features:
  - SDI - 4:2:2 (10 bit) HD-SDI
  - DVI-D up to UXGA

### Display Outputs

- 2 x 2 outputs: Out 1 & Out 2 (independant)
- RGB HV, RGB/S or RGsB
- RGB = 0.7V p/p (75 Ohms load)
- Output res.:

**PC 4/3**: SVGA, XGA, SXGA, SXGA+, D-ILA,

**PC 16/9**: 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 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
- DVI-D + BNC: NTX8022A-HD only

### Output Connectors

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

### Other

- RS 232 serial com port for remote control and update and Tally
- 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 - 19", 3U

- D 16.5" x W 19" x H 5.25"
- D 420 mm x W 480 mm x H 133 mm

### Weight: 8 kg / 19 lbs (no option)

### Warranty

3 year warranty on parts and labor back to factory

Specifications subject to change without prior 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 NatiX

- **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

## References

- **NTX8022A**: NatiX™
- **NTX8022A-HD**: Same as above with DVI & SD/HD-SDI Inputs
- **ARC100**: Axion™\*
- **TRC8022**: TripliX™\*
- **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

## Cables for NatiX

- > BNC Cables from 1.8m/6ft to 20m/66ft
- > VGA Cables from 0.4mm/6ft to 1.8m/6ft
- > VGA/BNC Adapter Cables in 1.8m/6ft and 3m/10ft
- > Remote Cables from 0.5m/1ft to 30m/100ft
- > BNC HD-SDI Cables M/M from 3m/10ft to 30m/100ft
- > DVI Cables from 1,8m/3ft to **70m/230ft**

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