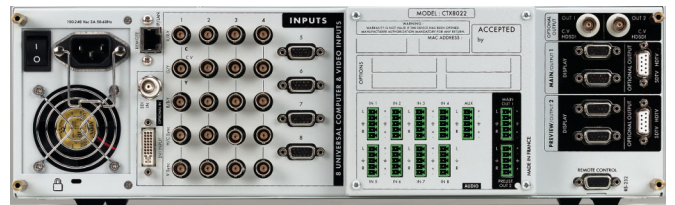


8X2 HI-RES SCALED MATRIX WITH AUDIO AND LOGO INSERTION

BOARDROOM - CONFERENCE ROOM - HIGH RESOLUTION PRESENTATION

NATiX™ Ref: NTX8022A

- > 8 x 2 Scaled MATRIX with Native Hi-Res Outputs
- > 8 x 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 output¹: Component, RGB/S, S.Video & SDI
- > Hi-Res. Logo Inserter & Frame Store
- > Audio Stereo: 8 + 1 Audio Inputs & 2 Outputs



FEATURES:

- Native Matrix with 8 inputs and 2 scaled outputs
- 8 universal inputs (up to UXGA, Video, HDTV)
- 2 scaled outputs up to SXGA+, D-ILA, HDTV
- Audio Balanced + 1 Auxiliary
- Auto image centering
- Capture of up to 8 logos and 2 frames
- Active Motion Compensation, FRF, TBC, FRC, 3:2 & 2:2 pull down
- Test patterns, 3 Tally outputs
- RS232 or TCP/IP controllable & Firmware upgradable

REFERENCES:

- NTX8022A: NATiX™ with control software for Windows
- * NTX8022A-D: Same as above with DVI & SDI input
- RK8022: Remote Keypad²
- RK8022-T: Remote Keypad with T-Bar²
- TripliX: Remote console for 3 units



² Compact keypad sold separately

OPTIONS:

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



DESCRIPTION:

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.

CHARACTERISTICS

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 memories.

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 image 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 especially 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 presentations.

TECHNICAL SPECIFICATIONS:

8 A/V UNIVERSAL INPUTS:

- **Composite, S.Video (Y/C)**
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 (independant)
- RGB HV, RGB/S or RGsB
- RGB = 0.7V p/p (75Ω load)
- Output resolution: SVGA, XGA, SXGA, SXGA+, D-ILA, 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=20kΩ unbalanced
- Zi=40kΩ balanced
- Adjustable level per input

AUDIO OUTPUTS

- 2 independant outputs
- Stereo or Mono
- Vo Max=18dBu unbalanced
- Vo Max=24dBu balanced
- Zo=300Ω unbalanced
- Zo=600Ω 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, ...

CONNECTORS:

INPUTS:

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

OUTPUTS:

- 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's manual

DIMENSIONS:

- 19", 3U
- D370 x W480 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

REMOTE KEYPAD RK8022-T (OPTIONAL)

FRONT PANEL

- Input selection with LED
- Direct access to effects
- Take, Freeze & Black
- Picture adjustments
- T-Bar*

LCD CONTROL

Intuitive menu for user friendly set up

CONNECTORS

- RS 232
- RJ 45
- DC-PLUG 9V/1A

SUPPLIED WITH

- 1 x Power supply
- 1 x Remote cable (DB9 M/F)
- 1 x Update cable (DB9 F/F)
- 1 x User's manual

DIMENSIONS

D 5.1" x W 8.6" x H 4.01"/2.64"
D 130 x W 220 x H 102/67
(with/without T-Bar)

WEIGHT

1 kg / 2.2 Lbs

*Also available without T-Bar