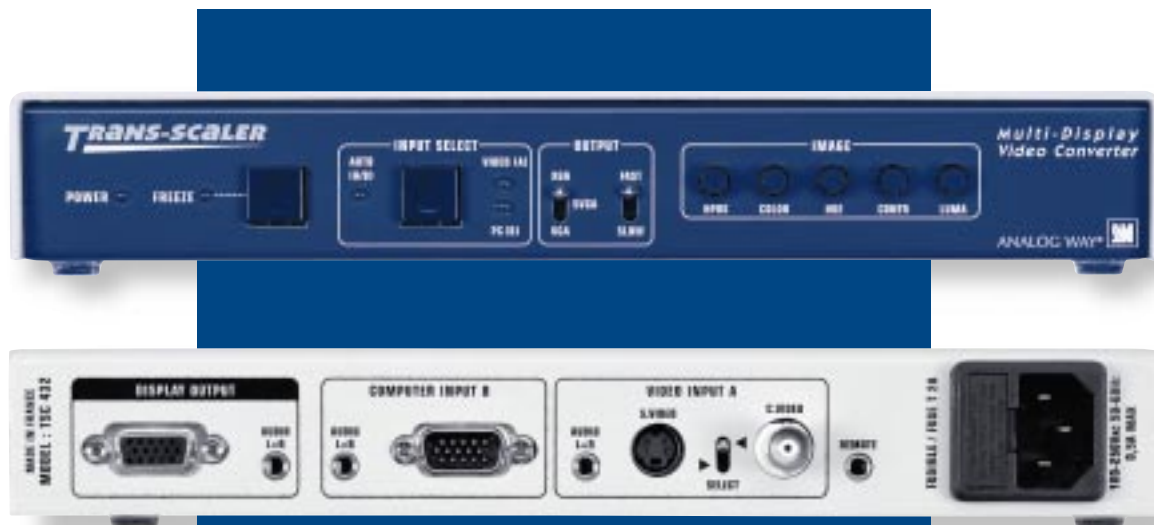


VIDEO TO HIGH RESOLUTION XGA2/VGA MULTI-SCALER

FOR FULL SCREEN CRT/LCD/PLASMA MONITORS & PRESENTATION - HIGH BRIGHTNESS VIDEO WALLS & PROJECTION

TRANS-SCALER™ Ref. TSC432

- VIDEO INPUT:
COMPOSITE (NTSC/PAL/SECAM*), S.VIDEO
- COMPUTER OUTPUT:
XGA₂, SVGA, VGA



REFERENCE:

- TSC432

FEATURES:

- VIDEO / COMPUTER Switch
- Time Base Corrector
- Frame Converter
- Image Freeze
- Color, Hue, Luminosity, Contrast Image controls
- Stereo Audio
- Remote contact closure for Freeze & VIDEO/COMPUTER Switch

DESCRIPTION:

The TRANS-SCALER™ is a ultra-compact VIDEO to XGA2, SVGA, VGA Multi-Scaling Lines Multiplier that significantly improves your image quality by increasing the standard video resolution (an interlaced TV 625 L/525 L at 15 KHz becomes Non Interlaced at 48.3 KHz, 37.9 KHz and 31.5 KHz, at your native display scanning).

The TSC 432 allows Video sources (NTSC/PAL/SECAM, and S. VIDEO) to be displayed on any multi. Sync monitors, LCD/PLASMA flat screens, DATA projectors (LCD/DLP).

Line Multiplication, by exact Display Scaling & Interpolating, is ideal to fill-in FULL SCREEN Black lines, clean-up low quality Videotapes, eliminate flicker and increase the image brightness.

Automatic Video Standard recognition, S. VIDEO and COMPOSITE VIDEO inputs for compatibility with all video sources (VCR, DVD, Laser Disc, Camera,...), the Frame converter, FREEZE function and Image Adjustments, make the TRANS-SCALER™ very easy to use and give the device a high visual comfort.

TECHNICAL SPECIFICATIONS:

INPUT:

VIDEO (A):

- VIDEO COMPOSITE on BNC connector
PAL - SECAM 15.625 kHz - 50 Hz
NTSC (3.58 MHz / 15.735 kHz -60 Hz)
- S. VIDEO (Y/C) on 4 pin mini din connector 3.58 MHz / 4.43 MHz (15.625 kHz - 50Hz...15.735 kHz - 60 Hz)
- AUDIO: 3.5 Stereo Jack (Impedance 10KΩ)

INPUT:

COMPUTER (B):

- PC (MACINTOSH® in option) 15 pin HD Male (31.5 kHz at 64 kHz)
- AUDIO: 3.5 Stereo Jack (Impedance 10KΩ)

DISPLAY OUTPUT

- On 15 pin HD Female connector
RGB: 0.7 V p/p (under: 75 Ω)
- Sync: separated H&V 2 Volt (under 75 Ω) (COMPOSITE Sync. in option)
- If input A (VIDEO) selected: 3-resolution output (with switch) 1024x768 / 800x600 / 640x480
- If input B (COMPUTER) selected: output = Loophthrough of the computer
- AUDIO: 3.5 Stereo Jack (Impedance: Loophthrough)

USER'S CONTROLS:

FRONT PANEL:

- POWER: led
- FREEZE: Push Button + Led
- INPUT SELECT: Push Button + Led

- Manual / Automatic mode (A or B Priority).
- Selection of Video A or Computer B input.
- OUTPUT: Output resolution Selector 1024x768 / 800x600 / 640x480
- OUTPUT: FAST / SLOW, Selection for Fast or Slow moving image
- IMAGE: Adjustment, horizontal position, color, Hue (NTSC Tint), contrast, luminance
- REAR PANEL:**
- Input: C. VIDEO / S. VIDEO Selector
- Remote: Input SELECT (Computer or Video) & FREEZE Control by contact closure (3.5 stereo jack)

DIMENSIONS:

- D 185 x W 250 x H 40 mm
D 7.3" x W 9.8" x H 1.6"

WEIGHT: 1.3 Kg / 2.9 Lbs.

POWER SUPPLY:

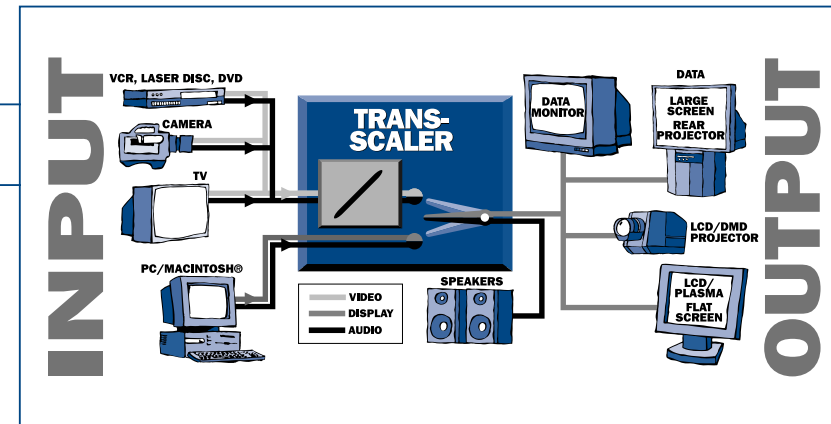
- Internal, Universal, Automatic 100 - 250 VAC, 60 / 50 Hz (25 W) (UL, CSA, GS, CE)

SUPPLIED WITH:

- 1 x VGA M/F cable (1.8m - 6ft)
- 1 x S.VIDEO Cable (1.8m - 6ft)
- 1 x SCART / RCA + Jack cable (2.8m - 9ft) for Europe only
- 1 x RCA / RCA Cable + 1 RCA / BNC adapter
- 1 x Jack/2 RCA cable
- 1 x AC Main Cable

WARRANTY:

3-year warranty on Parts & Labor, back to the factory



ACCESSORIES REFERENCES (optional):

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|-------------------------------------|--------------------------------------|---------------------------------------|---------------------------------------|
| - 10093: S.VIDEO Cable (5m - 16ft) | - 10021: HD 15 M/M Cable (3m - 10ft) | - 10076: HD 15 M/M Cable (10m - 33ft) | - 10017: HD 15 M/F Cable (6m - 20ft) |
| - 10094: S.VIDEO Cable (10m - 33ft) | - 10022: HD 15 M/M Cable (6m - 20ft) | - 10016: HD 15 M/F Cable (3m - 10ft) | - 10019: HD 15 M/F Cable (10m - 33ft) |

• Additional cable available, please see the cables section.