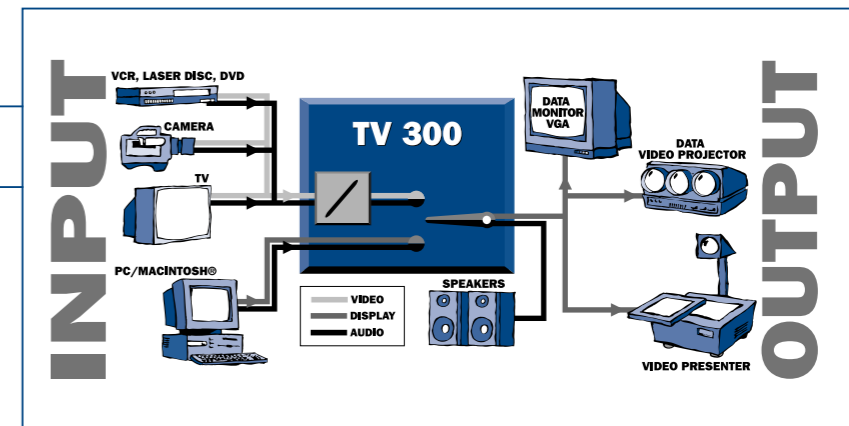


VIDEO TO VGA LINE DOUBLER

FOR LCD/DMD PANEL & PROJECTOR - TRAINING - MULTIMEDIA - CLASSROOM - CONFERENCE

TWIN VISION II™ Ref. Tv300

- VIDEO INPUTS:
COMPOSITE (NTSC/PAL/SECAM),
S.VIDEO + RGB
- COMPUTER OUTPUT: VGA
- VIDEO / COMPUTER SWITCH



DESCRIPTION:

The TWIN VISION II™ converts all NTSC/PAL/SECAM and S.VIDEO (Y/C) or RGB/S composite Video signals into VGA 640x480.

Automatic Detection of Composite Video standards, the integrated Time Base Corrector and Line Doubling function provide you a very good picture resolution, higher brightness and the most effective visual comfort.

The automatic or manual TV/Computer priority detection switch, Audio Stereo connection and user controls make the TWIN VISION II™ a very friendly device to use in most of your configurations. You have also the option of selecting on your display either the Line Doubled video or your current computer.

The TWIN VISION II™ is particularly suited to LCD projector, Video display on VGA computer monitor, Multisync. monitor, LCD panel, data Videoprojector.

Boosted outputs allow a long VGA distance (up to 150 m-500 ft).



REFERENCE:

- TV300

FEATURES:

- Video / Computer switch
- Time Base Corrector
- Frame Converter
- Video freeze-frame
- Audio Stereo Sound

TECHNICAL SPECIFICATIONS:

INPUT:

VIDEO (A):

- COMPOSITE VIDEO
PAL/SECAM : 15.625 KHz - 50 Hz
NTSC 3.58 MHz / 4.43 MHz
(15.735 KHz / 60 Hz)
- S.VIDEO (Y/C): 3.58 MHz/4.43 Hz
(15.625 KHz/50Hz 15.7 KHz-60Hz)
- RGBS: 15.625 KHz/50 Hz,
15.735 KHz/60 Hz or
RGsB: 15.625 KHz / 50 Hz,
15.735 KHz/60Hz, (jumper)
with Sync On Green(SOG)
- AUDIO: Stereo (impedance
6KΩ / -6 dBM).

COMPUTER (B):

- PC (VGA to XGA): 31.5 KHz to 48 KHz;
RGBHV, RGBS
- AUDIO: Stereo (impedance
10KΩ / -6 dBM).

OUTPUT:

- If Video (A) input selected:
VGA 31.5 KHz / 60 Hz, (640x 480)
16 Millions Colors
- (jumper: output: 31.5 kHz-50 Hz
or 60 Hz by frame converter)
- If Computer (B) input selected:
Monitoring of Computer B
- Audio: Stereo
- Impedance: (RGB / HV) = 75 Ω,
Audio = 500 Ω

USER'S CONTROLS:

FRONT PANEL:

- Auto / Manual SWITCH: if «Auto»
selected, video input (A) has priority
when Video is detected. If not, moni-
toring of the input (B).
- A/B SWITCH: Active only if «MANUAL»
is selected.
- Video FREEZE
- Audio VOLUME
- Horizontal Shift - Contrast - Color - Hue

REAR PANEL:

- Input (A):

- Switch: Composite Video or S.VIDEO
- Switch: RGBS or composite video -
S.VIDEO
- Output:
- Sync. Switch:
Separated H&V sync. (Pin 13,14)
Composite Sync. (Pin 13)

CONNECTORS:

INPUT:

- Input A (Video):
RCA (C.VIDEO)
4 pin mini din (S.VIDEO)
9 pin D Male (RGBS) M
- 3.5 Stereo Jack (audio)
- Input B (Computer):
15 pin HD male for VGA
- 3.5 Jack for Audio Stereo
- OUTPUT:
- 15 pin HD female for VGA
- 3.5 Jack for Audio Stereo

DIMENSIONS:

- D 175 x W 245 x H 40 mm
D 6.9" x W 9.6" x H 1.6"

POWER SUPPLY:

- External, Universal, Automatic
100-250 VAC, 50/60Hz (25W)
(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 RCA M/M cable
- 1 x SCART RCA & JACK cable
(2.8m-9ft) for Europe only.
- 1 x DB9 / 4 BNC cable (1.5m-5ft)
- 1 x AC Main cable

WARRANTY:

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

ACCESSORIES REFERENCES (optional):

- 10093: S.VIDEO cable (5m-16ft)
- 10094: S.VIDEO cable (10m-33ft)

- 10021: HD 15 M/M cable (3m-10ft)
- 10022: HD 15 M/M cable (6m-20ft)

- 10076: HD 15 M/M cable (10m-33ft)
- 10016: HD 15 M/F cable (3m-10ft)

- 10017: HD 15 M/F cable (6m-20ft)
- 10019: HD 15 M/F cable (10m-33ft)

• Additional cable available, please see the cables section.