

TO USE AS A BAR GENERATOR

Connect the Video Output, S-video output or component-video output of the TR-1000Pro to your recording device or display monitor.

Make sure the 75-ohm switch is set to ON

Turn Power ON

Select BARS with the BARS/CONVERTER switch.

Select the Output System desired with the OUTPUT switch

TO USE THE TBC/GENLOCK FUNCTION

The TR-1000Pro's built-in Time-Base Corrector is always active, even when input/output systems match (NTSC to NTSC, PAL to PAL, etc.)

To synchronize a Video signal to a reference source, connect your reference video signal to the GENLOCK IN connector

Connect the video signal you wish to synchronize to the Video In connector

Connect the Video Output, S-video Output and/or component-output of the TR-1000Pro to your recording device or display monitor.

Make sure the 75-ohm switch is set to ON

Turn Power ON

Select CONVERTER with the BARS/CONVERTER switch.

Adjust Vertical or Horizontal TBC if needed (See description on FRONT PANEL)

To synchronize additional video signals, you can establish a loop by connecting the Genlock Out of your TR-1000Pro to the Genlock In of a second TR-1000Pro where you will connect the new video signal to be synchronized with the other 2. More video signals to be synchronized can be connected in the same fashion, creating a genlock loop.

NOTE: When using the Genlock Out connector, set the 75-ohm switch to OFF. Otherwise, it must be set to ON.

NOTE: when the GENLOCK input is connected, the output will automatically change to the same system as the Genlock input signal (NTSC to NTSC, PAL to PAL, etc).

For technical support:

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Visit our home page: <http://www.tenlab.com>

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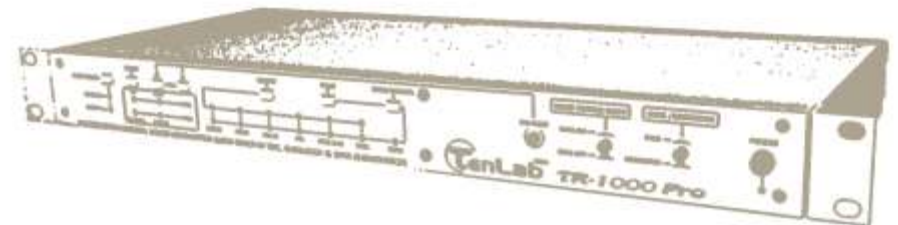


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TR-1000Pro

Multisystem Digital Video Converter



MADE IN USA

Instructions

INTRODUCTION

Congratulations for purchasing a TenLab TR-1000Pro.

TenLab's TR-1000Pro is much more than a high quality digital video converter to convert to/from every TV system in the world: every PAL, every NTSC and every SECAM.

It includes a complete video processor for picture improvement, a multisystem bar generator and a built-in Time Base Corrector for maximum stability. Genlock input and output make synchronization of 2 or more video sources possible.

Video professionals as well as high-tech consumers will appreciate resolution quality through composite-video, S-video and component-video outputs and worldwide input and output compatibility.

Please read this booklet to better understand the TR-1000Pro operation, features and functions. If you still have questions, our technical support staff will be happy to help you.

FEATURES

- Professional quality digital converter meets both professional and high-tech consumer video needs
- Global compatibility: converts to/from every TV system in the world: NTSC, NTSC 4.43, PAL B-G-D-I-K, PAL-M, PAL-N, SECAM
- Dual set of Composite-video, S-video and Stereo audio inputs with easy input selection
- Composite-video, S-video, Component-video and Stereo Audio outputs.
- Video processor with Reset button to adjust and optimize color, hue, brightness and contrast of the picture
- Selectable built-in Bar Generator generates bar signals in every output TV system
- Built-in Time-base corrector processing for better signal synchronization, even when no system conversion is performed
- Genlock Input and Output to synchronize to an external video source and adjust vertical/horizontal parameters
- Convenient Memory functions to memorize last Input and Output system selections and Picture
- Adjustments when turned OFF and turned ON again
- Elegant design: desktop convertible to rack-mount version, 110 Volts and/or 220 Volts available.

TO USE AS A VIDEO CONVERTER

Connect the Video Output or S-video Output of the video source you wish to convert to the Video Input or S-video Input of the TR-1000Pro.

Connect the Video Output, S-video Output and/or component-output of the TR-1000Pro to your recording device or display monitor.

Make sure the 75-ohm switch is set to ON

Turn Power ON

Select CONVERTER with the BARS/CONVERTER switch.

Select the correct Input number (1 or 2) with the INPUT SELECT switch on the front panel of the TR-1000Pro

Select the Input System automatically (select AUTO with the AUTO/MAN switch) or manually (select MAN with the AUTO/MAN switch and then press INPUT until the desired LED indicator lights)

Select the Output System desired with the OUTPUT switch

TO USE AS A VIDEO PROCESSOR

Connect and set switches as described above

Press the SELECT button to select the type of adjustment you wish to perform:

TINT: to adjust the Tint or Phase of the color.

COLOR: to increase/decrease Color saturation

BRIGHTNESS: to increase/decrease brightness of the picture

CONTRAST: to increase/decrease contrast of the picture

+/- ADJUSTMENTS

Once the selected LED lights, press the +/- buttons to increase/decrease value

ADJ RESET

Press ADJ RESET after you have increased/decreased one of the picture adjustments and it will reset it to the normal value.

NOTE: The ADJ RESET button will reset the value of the parameter which LED is ON at that moment. For example, to reset the COLOR value to normal, press ADJ RESET while the COLOR LED is on.