



## Time Base Correctors

Models CTB-530, CTB-530TR

**CTB-530TR** Time Base Corrector is a high performance device to correct for time base errors in videotape playback. The unit's dual inputs with front panel switch selection provide added flexibility. Each input can either be Composite or S-Video and has an associated Stereo Audio connection. A Digital Processing Amplifier provides all the necessary adjustments to the video parameters. An internal Color Bar signal is sent to the output when the input video is not present. A Genlock feature enables the incoming video signal to be synchronized to an external video source. A YUV Output is provided, in addition to Composite and S-Video. The unit is housed in a 19" rackmount case.

**CTB-530** is a desktop version with all the same functions and features.



**CTB-530TR**



**CTB-530TR Connections**



**CTB-530**



**CTB-530 Connections**

### Key Features of the CTB-530 Series

- Full Frame Memory Time Base Corrector
- Multi-standard for Worldwide TV Systems
- Comb Filter Decoding of the Video Input
- Automatic Gain Control to maintain Video Level
- Dual Composite & S-Video Inputs, plus Genlock

### Specifications

#### Inputs

Composite Video	2x via BNC Connector
S-Video (Y/C)	2x via 4-PIN Mini-DIN Connector
Stereo Audio	2x via RCA Connectors (R/L)
Genlock	1x Composite Video via BNC

#### Video Outputs

Composite Video	1x via BNC Connector
S-Video (Y/C)	1x via 4-PIN Mini-DIN Connector
YUV Component	1x via 3x BNC Connectors
Stereo Audio	2x via RCA Connectors (R/L)
Genlock Loop-thru	With 75Ω Termination Switch

#### General

Impedance	75Ω
Television Standards	NTSC 3.58, NTSC 4.43, SECAM PAL-B,D,G,I,K, PAL-M, PAL-N Y=13.5MHz, R-Y, B-Y=6.75MHz
Sampling Frequency	8-bits per Channel
Sampling Rate	Contrast, Brightness, Color, Hue, Horizontal & Vertical Positioning
Proc Amp Controls	AGC Range 0.5V-2.0V p-p
AGC Range	Controls Front Panel Push Buttons
Controls	Indications Front Panel LED's

#### Warranty

Limited Warranty	2 Years Parts and Labor
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#### Mechanical

CTB-530TR Size (HWD)	1.75"x19"x9.5" (44x482x242mm)
Weight (Net)	4.4 lbs (2.0 kg)
CTB-530 Size (H-W-D)	2.2"x11.8"x9.5" (55x300x242mm)
Weight (Net)	4.4 lbs (2.0 kg)

#### Environmental

Operating Temperature	+32° to +120° F (0° to +48° C)
Operating Humidity	10% to 85%, Non-condensing
Storage Temperature	-40° to +150° F (-40° to +65° C)
Storage Humidity	10% to 85%, Non-condensing

#### Power Requirement

External Power Supply	15VDC, 600mA, Center Pin -
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#### Regulatory Approvals

TBC Units	FCC, CE
Power Supplies	UL, CE, CSA

#### Accessories Included

1x Operations Manual	
1x C-Video Cable	6' BNC to BNC
1x S-Video Cable	6' 4-Pin S-V to 4-Pin S-V
4x Rackmount Screws	CTB-530TR Only
AC Power Adapter	115VAC to 15VDC @ 600mA

#### Product Item Numbers

CTB-530	Desktop Version
CTB-530TR	Rackmount Version

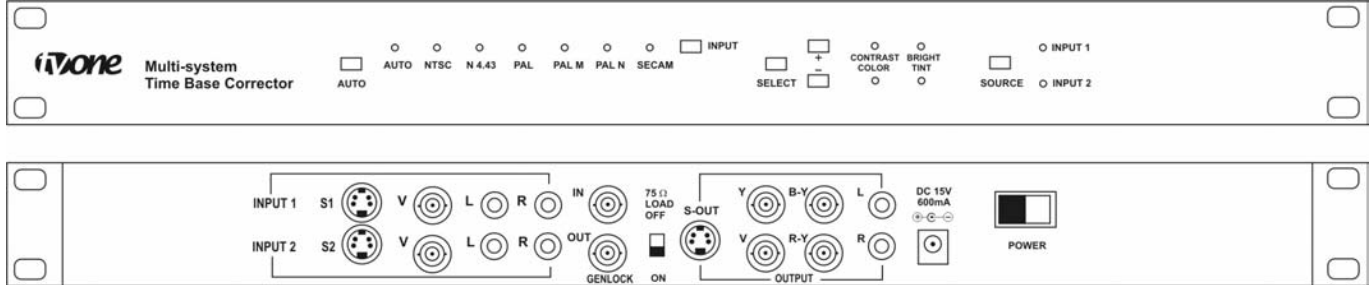


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## Panel Drawings

### CTB-530TR



### CTB-530

