

## TBC-6000

Dual Channel Time Base  
Corrector with Chroma Key

### Key Features

Dual Channel Frame  
synchronization with full frame  
memory

16 Color Chroma Keying and level  
calibration

Three input to two output matrix  
switcher

Dual Channel Color bar pattern  
generator

Dual channel digital color processor  
Freeze frame feature

Wide bandwidth, 8-bit video  
resolution

Y.U.V. 4:2:2 sampling rate



### Specifications

#### Inputs

3 (1+2+3) Y/C in: 4-pin 75 ohm DIN Connectors  
3 (1+2+3) Composite (RCA) Video 75 ohm RCA Connectors,  
Level: 1.0 VP-P

#### Outputs

2 (1+2) Y/C out: 4-pin 75 ohm DIN Connectors  
2 (1+2) Composite (RCA) Video 75 ohm RCA Connectors,  
Level: 1.0 VP-P

#### Controls

Brightness	+/-10%
Contrast	+/-3dB
Color	+/-3dB
Tint (NTSC only)	+/-5°
Frequency Response	4.5 MHz +/-3dB
DG, DP	+/-2%, 1°
S/N Ratio	> 50 dB
Chroma Key Color	16 Colors
Chroma Key Level	15 Steps

#### Processing

Still	Field
Component	8-bit, 4:2:2; Y: 13.5 MHz
Correction Range	Two Channel Full Frame TBC
Pattern Generator	Color Bar Pattern

#### General

Power	9 VDC 12W (AC adapter included)	
Ambient Temperature	32°-131° F (0°-55° C)	
Ambient Humidity	<90%	
Dimensions	Width	16.5 inches, 420 mm
	Depth	9.5 inches, 240 mm
	Height	2.4 inches, 60mm

Weight 3.7 Kg

#### Accessories

Y/C (S-Video), Composite (RCA) Cables (included)

[www.datavideo-tek.com](http://www.datavideo-tek.com)

### Datavideo Locations

Datavideo Corporation USA  
12300-U East Washington Blvd.,  
Whittier, CA 90606  
Tel: (562) 696-2324  
Email: [info@datavideo-tek.com](mailto:info@datavideo-tek.com)

Datavideo Technologies Europe Bv  
Californiedreef 26,  
3565 BL Utrecht, The Netherlands  
Tel: +31 30 261 9656  
Email: [info@datavideo.nl](mailto:info@datavideo.nl)

Datavideo Technologies Co., LTD.  
7F. No. 352, secretary. 2, Chung Shan Rd.  
Chung Ho City, Taipei Hsien, Taiwan R.O.C.  
Tel: 886-2-2246-7979  
Email: [info@datavideo.com.tw](mailto:info@datavideo.com.tw)