

Dual Layer Chroma Key And Time Base Corrector



- **Compatible With VHS, VHS-C, S-VHS, S-VHS-C, Video8, Hi8, Digital 8 Formats**
- **It Is Easy TO Create Foreground & Background Video Layers With Chroma Key**
- **Re-Generates All Synchronisation Signals To Stabilise The Video**
- **Dual Channel Frame Synchronisation With Full Frame Memory**
- **Dual Channel Colour Bar Pattern Generator & digital Colour Processor**
- **16 Colour Chroma Keying And Level Calibration**
- **Dual Channel Digital Colour Processor Freeze Frame Feature**
- **Wide Bandwidth - 4.5 MHz In Y/C And 3.5 MHz In Composite**

Product Overview

The TBC -7000 is a dual channel time base corrector with exactly the same professional features as the TBC-3000 but with the addition a dual layer chroma key effect; which makes it simple to create foreground and background video layers with chroma key using one camera source, one background source and one foreground source. The dual channel TBC allows you to cleanly switch between sources with no noise or distortion. As with all Datavideo Time base correctors the 7000 is NTSC or PAL Switchable.

Features And Specifications

Inputs:

3 - S-VHS Sources 1 to 3; 4-pin ohm DIN Connectors
3 - Composite Video Sources 1 to 3; 75 ohm RCA Connectors,

Controls:

Brightness +/-10%
Contrast +/- 3dB
Colour +/- 3dB
Tint (NTSC Only) +/- 5
Frequency Response 4.5 MHz +/- 3dB
DG, DP +/- 2%, 1
S/N Ratio > 50dB

Processing:

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

Outputs:

2 - S-VHS Sources A to B; 4-pin ohm DIN Connectors
2 - Composite Video Sources A to B; 75 ohm RCA Connectors, Level: 1.0 VP-P/

General:

Component Y.U.V 4:2:2 8-bit, Y: 13.5 MHz
Dual Channel Full Frame Time Base Corrector
NTSC Or PAL Switchable
Ambient Temperature Range 32'-131'F (0'-55'C)
Ambient Humidity <90%

Accessories:

Y/C (S-Video), Composite (RCA) Cables
DC 9VDC 10W (AC Power Adapter Included)
Rack Mount Brackets