

# Single Channel Time Base Corrector With Built In 4-Way Distribution Amplifier

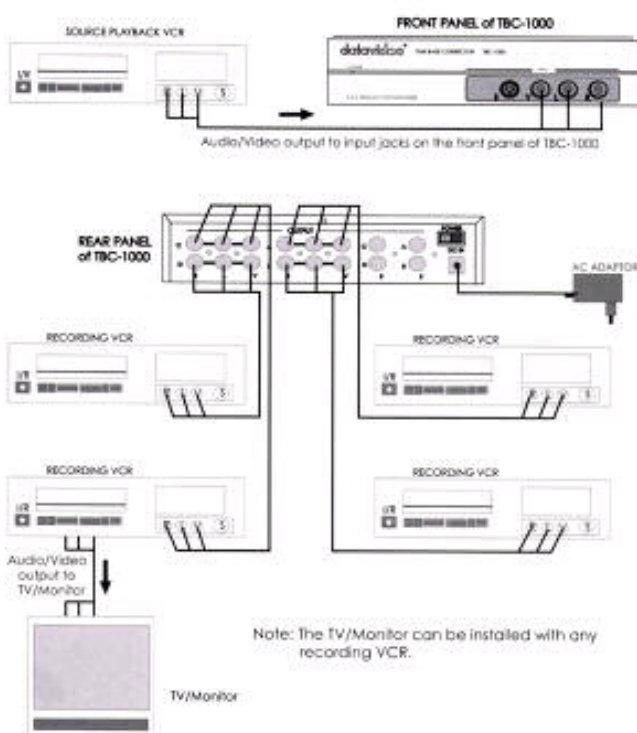


- Compatible With VHS, VHS-C, S-VHS, S-VHS-C, Video8, Hi8, Digital 8 Formats
- Self Contained - Stand Alone Unit
- Built-In Distribution Amplifier With 4 Outputs
- Digital Frame Synchronisation With Full Frame Memory
- Re-Generates All Synchronisation Signals To Stabilise The Video
- Auto Detects NTSC Or PAL Format
- Wide Bandwidth - 4.5 MHz In Y/C And 3.5 MHz In Composite
- 8-bit Video Resolution - 4:2:2 Sampling rate DP <1
- Degree -DG Less Than 2%
- Low Noise - S/N Ratio >50dB

## Product Overview

Utilising the same board as the TBC-100, the TBC-1000 is a stand alone solution that also features a built in 4-way distribution Amplifier allowing you to input 1 analogue video source to 4 destinations simultaneously. The TBC 1000 is a low cost high spec TBC specifically designed for people who don't want a PC based solution and is an essential for anyone who needs to produce professional quality copies of analogue tapes from a VCR, Camcorder or any other analogue video source. The TBC-1000 replaces all sync signals from the source, resulting in clean transfers and clear copies. With both S-Video and Composite Video inputs the TBC-100 is compatible with VHS, VHS-C, S-VHS, S-VHS-C, Video-8, and Digital-8 format equipment, and also auto detects NTSC or PAL format

## Wiring Diagrams



## Features & Specifications

### Inputs:

- 1 - Y/C Video (S-Video) 4-pin ohm DIN Connector
- 1 - Composite Video 75 ohm RCA Connector, Level: 1.0 VP-P
- 1 - Stereo Audio RCA Connectors, Impedance: 100 Kohm

### Outputs:

- 4 - Y/C Video (S-Video) 4-pin ohm DIN Connector
- 4 - Composite Video 75 ohm RCA Connector, Level: 1.0 VP-P/nity
- 4 - Stereo Audio RCA Connectors, Impedance: 1 ohm, level: Unity

### General:

- Frequency Response S-Video 4.5 MHz +/- 3dB
- DG, DP +/- 2%, 1
- S/N Ratio >50dB
- Component Y.U.V 4:2:2 8-bit, Y: 13.5 MHz
- Single Channel Full Frame Time Base Corrector
- Auto Detects NTSC And PAL Signals
- Ambient Temperature Range 32'-131'F (0'-55'C)
- Ambient Humidity <90%

### Power Requirement:

- DC+5V/700mA or +12V/150mA

### Accessories:

- Y/C (S-Video), Composite (RCA) Cables
- DC 9V 1A Power Adapter