

# SPECIFICATIONS

## Video Signal

Accepts non-segmented Heterodyne and monochrome 525 line/60 Hz VIDEO SIGNALS

## Recorder Interface

Any non-segmented VTR.

## Correction Range

1 Frame memory

## Signal to Noise Ratio

58 dB (p-p signal to rms noise)

## Residual Time Base Error

Differential phase better than  $2^\circ$   
Differential gain better than 2%  
MONOCHROME  $\pm 10$  ns

## Bandwidth

Composite 5.5 MHz comb filter

## Gen Lock Range

Adjustable, more than  $\pm 2 \mu\text{s}$

## K Factor (2T)

Composite Mode 1%

## Physical

### Size

19" wide x 1-3/4" high x 16" deep Rack mountable

### Power

Less than 30W.

### Weight

10 - 12 lbs.

### Ambient Temperature

10 - 40 operating

## Input Signals

### Video

1V composite video signal (75 Ohms, terminated)

### Gen Lock

Black burst or standard NTSC composite video signal

## Output Signals

### Video

1V p-p @ 75 ohms, terminated composite

### Models:

- ATS51-1S Single Channel TBC/Frame Synchronizer plus cut/dissolve switching
- ATS51-2 Dual Channel TBC/Frame Synchronizer without switching capability
- ATS51-2S Dual Channel TBC/Frame Synchronizer plus cut/dissolve switching

*Specifications subject to change without notice.*



## ***Significant Advantage***

ATS51 is a great-valued Single or Dual Channel TBC/Frame Synchronizer. The built-in digital comb filter provides full bandwidth output signal to your VCRs, Camera or Satellite Feed. ATS51 has cut or dissolve switching for your simple editing. The gen-lock capability allows you to do A/B roll switching by just a single channel TBC providing that at least one of your input source is stable NTSC signal, such as a camera output. Pricing is very attractive. ATS51 is a smart solution for A/B roll switching or just simply use it as a TBC or a Frame Synchronizer.



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