

## SETTING UP A **TIME BASE CORRECTOR** USING COLOR BARS (djm 9/98)

### **Play Color Bars through the TBC**

#### **Set up Waveform monitor**

Using the positioning controls on the waveform monitor, position the baseline of the signal at 0 IRE.

#### **Position Black Level at 7.5 IRE**

Use the control on the TIME BASE CORRECTOR that is marked *SET UP*. It may also be called *Pedestal*, or *Black level*. Position the Black level at 7.5 IRE.

#### **Adjust Video Level Peak White to 100 IRE**

Use the control on the TIME BASE CORRECTOR that is marked *Gain*. It may also be referred to as *Level*, *Video* or *Luminance*. Position the peak white at 100 IRE.

#### **Set Up Vectorscope**

Use the *phase* control on the VECTORSCOPE. Set *BURST* to 0 Degrees.

#### **Adjust Hue on the Time Base Corrector**

Use the *Phase* control on the TIME BASE CORRECTOR. This control may also be named *Hue*. Turn the knob until the colors are lined up with their correct 2% boxes (Smaller Boxes).

#### **Adjust Saturation on the Time Base Corrector**

Use the *Chroma* control on the TIME BASE CORRECTOR. This control may also be called *Color*, *Chroma Gain*, or *Saturation*. Turn the knob until the colors are in the 2% boxes.

#### **Fine Tune the Hue and Saturation on the Time Base Corrector**

You will notice that the Hue will move the colors around the Vector Circle Graticule clockwise or counter clockwise, while the saturation will move colors up and down from the center. You will have to play with both of them until the colors are in the 2% boxes.

This Guide Available as a PDF Download at:

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