

Remedy: clamp to front or back porch and re-create sync.
Another method I have seen is to place a color sub-carrier burst at the bottom of the horizontal synchronization pulse:

```
..._  |  MM  _...  
      |  WW  _  
      |MMM|  
      WWWW
```

The only effect I noticed was that the colors changed a little, when switching between 'clean' sync and 'bursted' sync. Does anyone guess what it is supposed to be doing?
OK, this is the end. Thank you for reading. Happy hacking.

17\ NEW!! BUILD YOUR OWN -> SCHEMATICS

17.1) About the Author
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17.2) Introduction
I modified the schematic so you can use a single supply voltage (though you smart folks would have figured that out anyway).
A voltage between 16-35vdc will run this, however if you use a supply over 24vdc you will probably need to add a heat sink for the voltage regulators.
I'd like to thank Bill McFadden for the DC restorer circuit which I show as the LM1201 replacement and left his article in tact by only appending the rest of the macrovision circuit to his DC restorer.
For those who plan to make one I must warn you that I take no responsibility for anything.

Notes: This also eliminates time codes and close caption information.
Sorry about the cryptic schematic but what can you do when all you have is ASCII to work with. If you don't see an "+" at an intersection it isn't connected. All voltages used on A1-A6 are supplied by the two voltage regulators shown at the bottom of this schematic.
The op amp, used below, must be a video op amp like the RCA CA3100.

17.3) Schematic

NOTES: You can replace some of the pots with fixed resistors if you like.