

NTSC Decoder Specifications

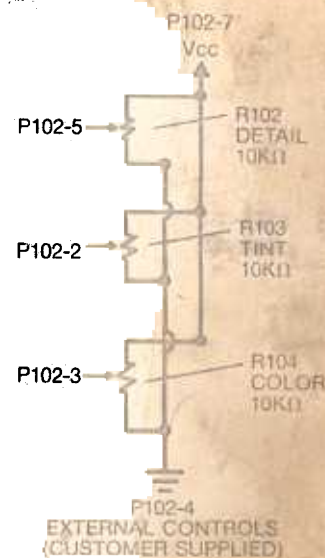
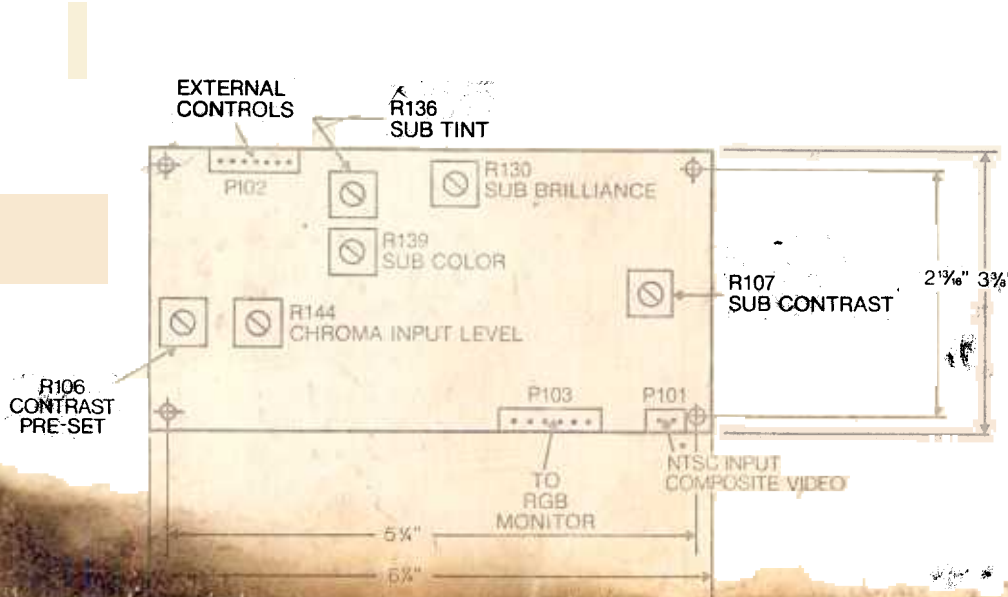
Video Input: Standard NTSC RS 170
 +12 dB (no audio)
 -20 dB
 Impedance - 75 ohm
 Input Signal - 1 volt p.p.

Output - Video: Separate RGB
 Level Black +0.5V
 Peak White +3.5V
 Rise and Fall Times
 5 μ SEC.
 Impedance - 120 ohm

Sync: Positive Composite
 - Low 0V
 - High 4V

Pin Outs
 P101-1 75 ohm Input
 P101-2 Ground
 P102-1 Vs Supply (16V)
 P102-2 External Tint Wiper
 P102-3 External Color Wiper
 P102-4 Ground to Control
 P102-5 External Detail Wiper
 P102-6 Not Used
 P102-7 Vcc to Control (12V.)
 P103-1 Ground
 P103-2 Horizontal Sync
 P103-3 Vertical Blanking/Sync
 P103-4 Red Output
 P103-5 Green Output
 P103-6 Blue Output

Power Requirements: Voltage 16V
 Current 150 ma
 Ripple 100 mv p.p.



NOTES:

1. Vs (16 volt) may be obtained on Electrohome G07 Monitor by adding a wire from Pin 102-1 on NTSC Board to the jumper W403 on the G07 chassis.
2. If external voltage supply is used, resistor R128 must be changed to provide Vcc of 120 volts.
3. External Controls: Provision is made for customer supplied color, detail and tint controls at plug P102 (use 10K Ω pots).



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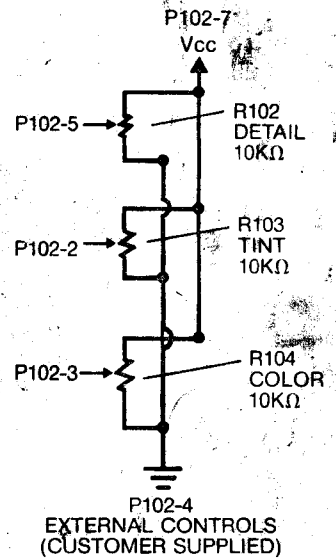
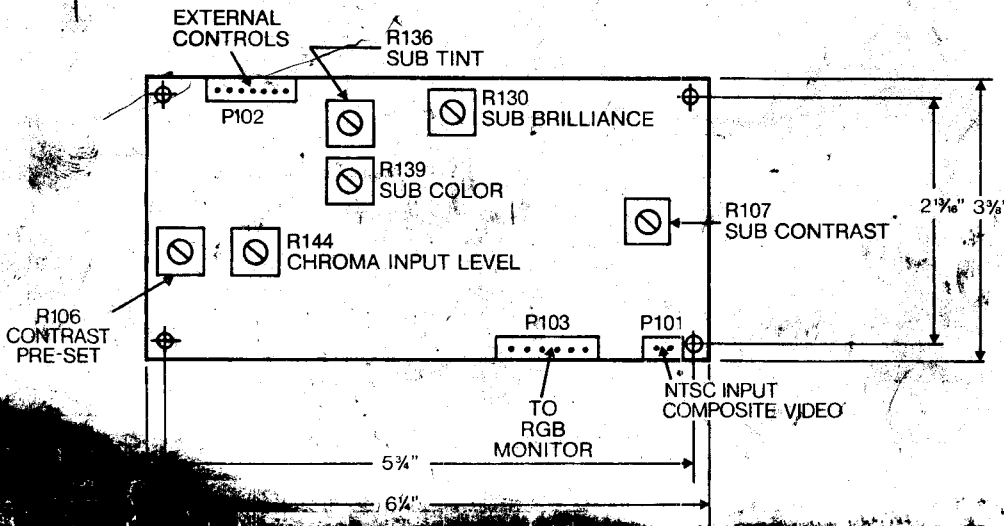
Output - Video: Separate RGB
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- P102-6 Not Used
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- P103-1 Ground
- P103-2 Horizontal Sync.
- P103-3 Vertical Blank / Sync
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 P102-6 Not Used
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 P103-2 Blanking Output
 P103-3 Positive Composite Synb.
 P103-4 Red Output
 P103-5 Green Output
 P103-6 Blue Output

