

SONY®

19" VIDEO DISPLAY

SI-319S CGA (15-khz)

FEATURES

256 Color Capability
Custom Frames Designed To Fill All Machines
Available With Touch Screen
Best Warranty & Service In The Industry
Freevolt - No Isolation Transformer Needed
Both Front & Rear Controls
Full Time Service Department

SUPER FLAT SCREEN

256 COLOR CAPABILITY

SPECIFICATIONS

1. CRT

a) SONY -A- Grade CRT

2. INPUT SIGNALS

- a) Video : RGB analog, 1v to 5v peak-to-peak
b) Optional inputs available
 ♦ Negative video
 ♦ RGB analog 0~0.75v, 75 ohm input impedance
c) Sync: TTL positive or negative going, separate or composite.

3. HORIZONTAL SCAN

- a) Width : Adjustable with just one coil to accommodate active video from 40 usec to 50 usec.
b) Frequency : 15.75 c) Linearity : ±5%

4. VERTICAL SCAN

- a) Frequency : 47Hz to 63Hz a) ±2% (max)
b) Linearity : ±5%

5. GEOMETRIC DISTORTION

6. VIDEO CHARACTERISTICS

- a) Bandwidth (-3db) 12 MHz typical
b) Rise Time: Less than 50 nanoseconds

7. MECHANICAL

- a) Standard Universal Base Mount Frame. Optional Casino style frame available.
b) Monitor can be mounted in user's cabinet horizontally or vertically.

8. USER ADJUSTABLE FRONT CONTROLS AND ADJUSTMENTS

- a) Brightness, Contrast, Horizontal Hold, Size & Position, Vertical Hold, Size & Position.

9. POWER INPUT

- a) 85 Volts to 235 Volts, 50~60Hz, 85W (max). b) Free Volt System - **ISOLATION TRANSFORMERS NOT REQUIRED**

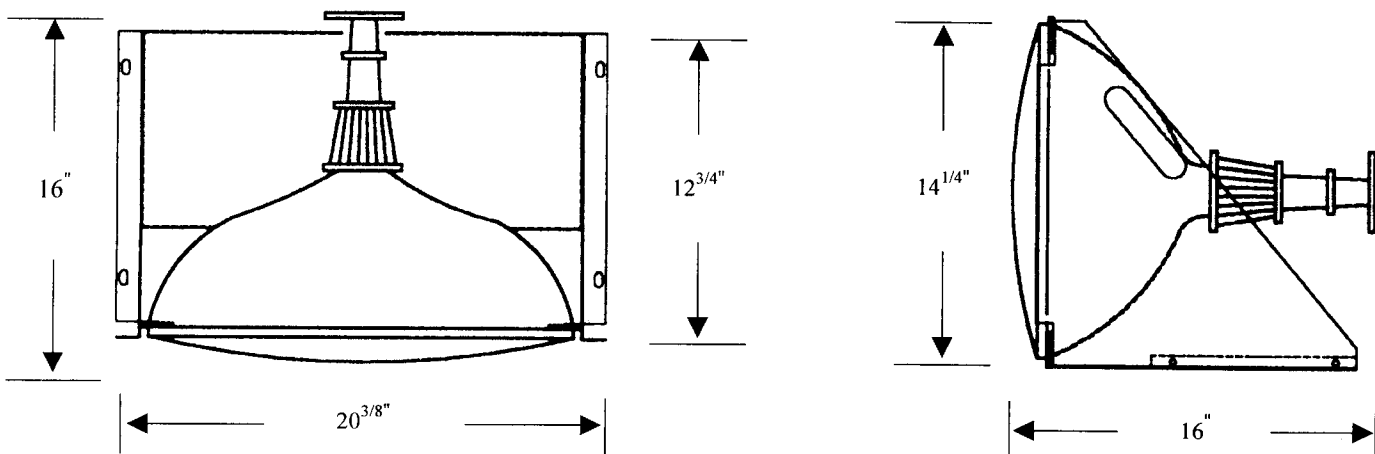
10. SAFETY CONDITIONS

- a) Complies with U.L., C.S.A., T.U.V., and D.H.H.S. radiation performance standard

A/C INPUT		VIDEO OUTPUT	
Pin	Description	Pin	Description
1	AC Hot	1	Red
2	Earth Ground	2	Green
3	AC Neutral	3	Blue
		4	Gnd
		5	+/- Vertical Sync
		6	+/- Horizontal Sync

1 YEAR UNCONDITIONAL WARRANTY

Mechanical Dimensions

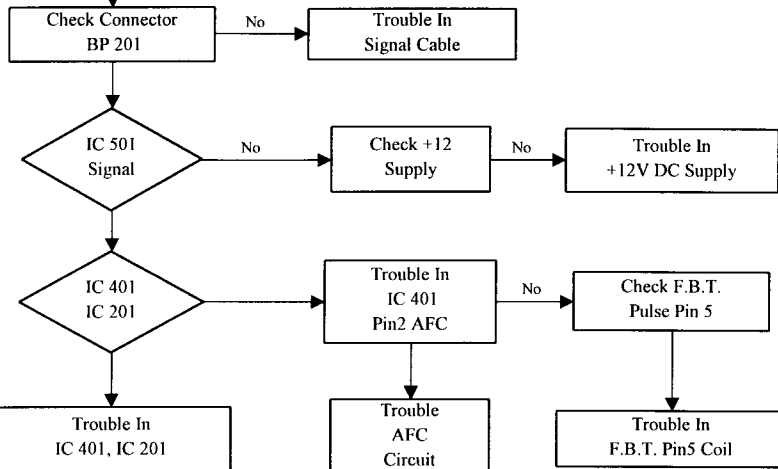


**SHARP
IMAGE**
ELECTRONICS, INC.

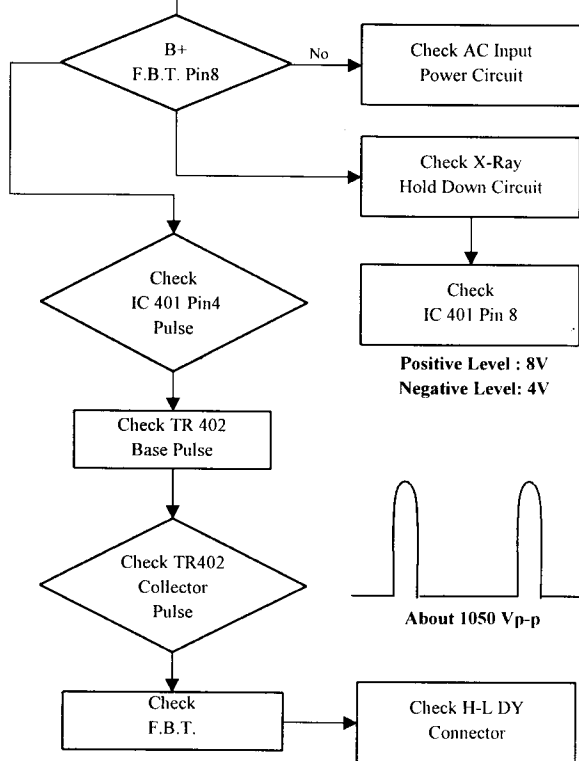
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SI-319S TROUBLESHOOTING CHART

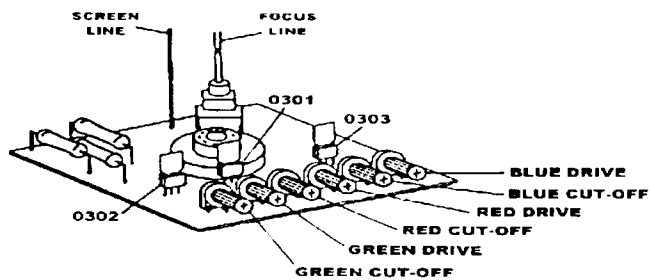
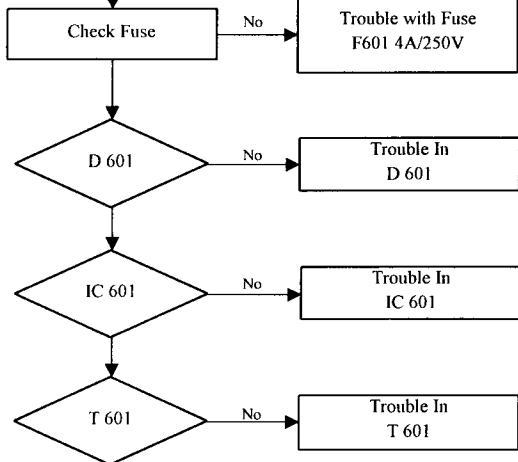
Trouble In Horizontal or Vertical Sync



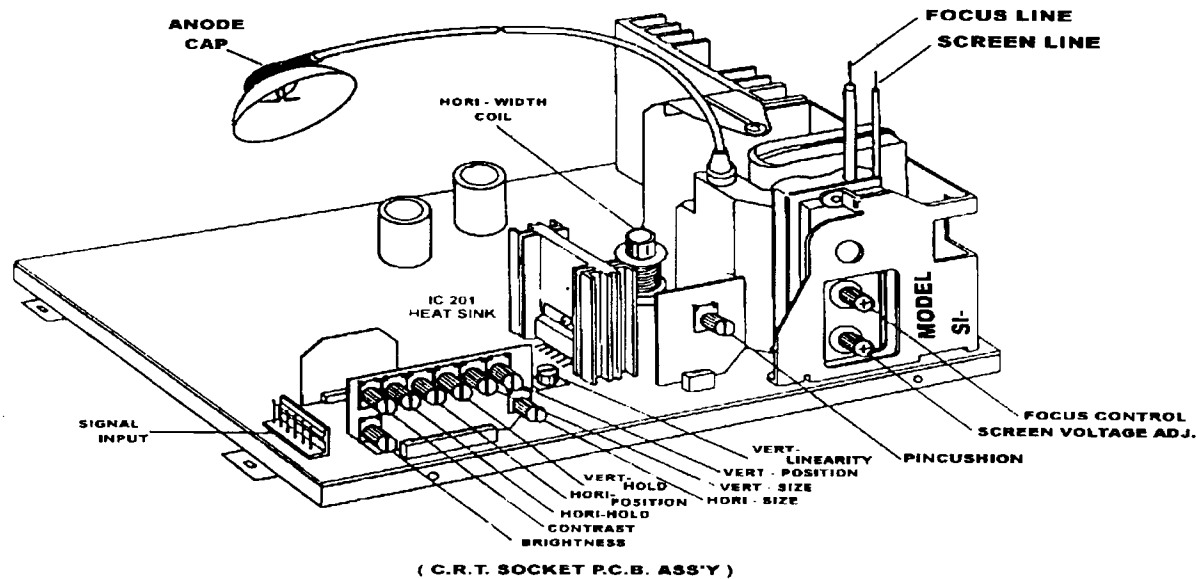
No High Voltage



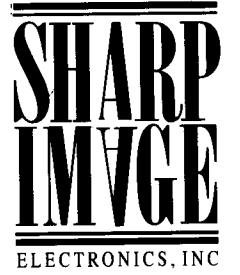
No Power



CONTROLS AND ADJUSTMENTS MAIN P.C.B. ASS'Y



(C.R.T. SOCKET P.C.B. ASS'Y)



SI-319S
19" SONY - MF

