



POWER



LOUDNESS



BALANCE



CITATION I - STEREO CONTROL CENTER - harman **INTERNATIONAL**



TURNOVER

800  
TAP  
RIAA  
LP  
AES  
78

ROLLOFF

78  
FLAT  
LON  
AES  
RIAA  
LP

BLEND

LOW-CUT  
SUBSONIC

FLAT  
RUMBLE

CHANNEL A

BASS

- 0 +

TREBLE

- 0 +

CHANNEL B

BASS

- 0 +

TREBLE

- 0 +

C

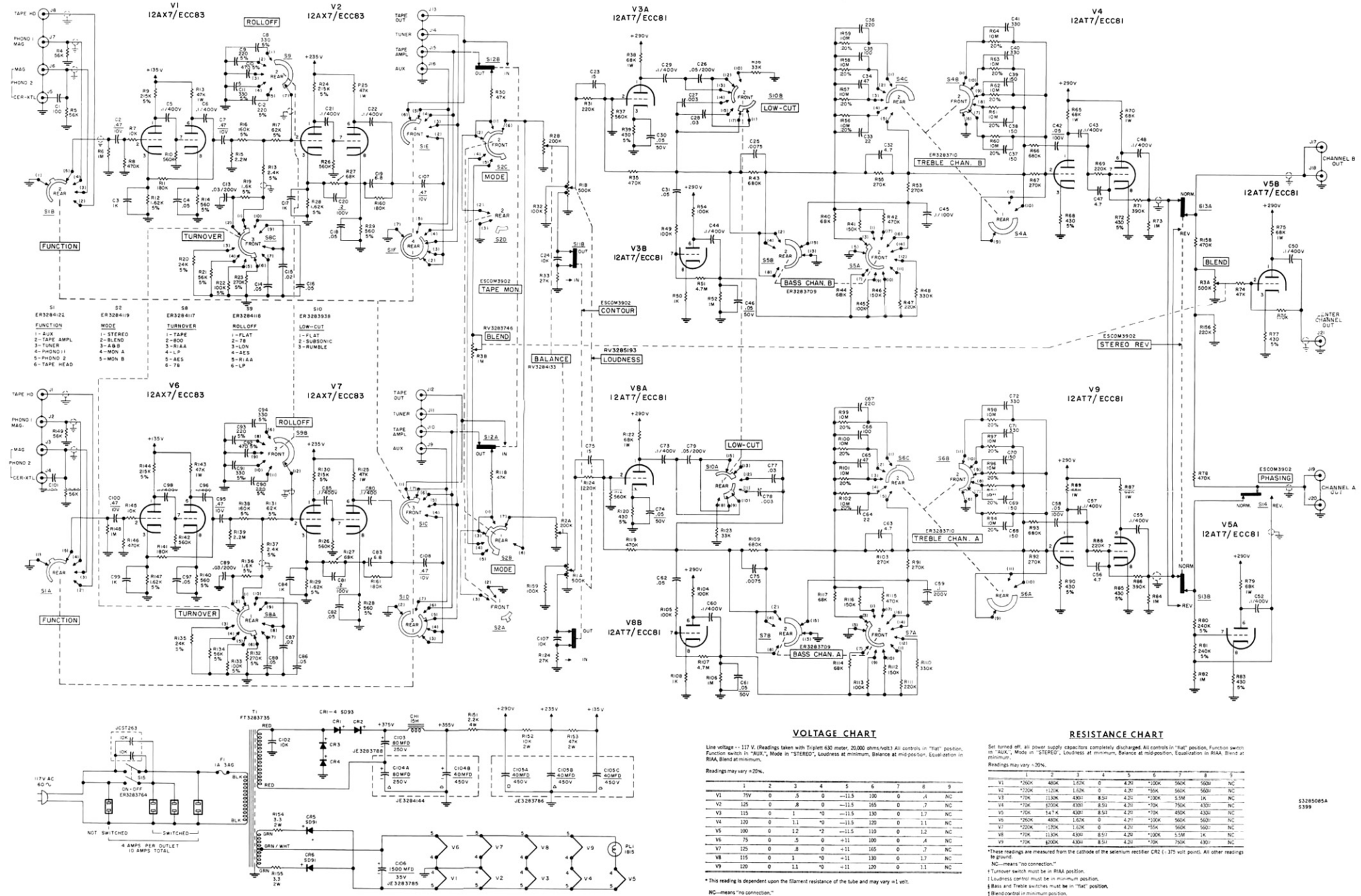
ITATION I - STEREO CONTROL CENTER

harman kardon





# CITATION I SCHEMATIC



## VOLTAGE CHART

Line voltage - 117 V. (Readings taken with Triplet 630 meter, 20,000 ohms/volt.) All controls in "flat" position, Function switch in "AUX", Mode in "STEREO", Loudness at minimum, Balance at mid-position, Equalization at minimum.

Readings may vary  $\pm 20\%$ .

|    | 1   | 2 | 3   | 4 | 5     | 6   | 7 | 8   | 9  |
|----|-----|---|-----|---|-------|-----|---|-----|----|
| V1 | 75V | 0 | 5   | 0 | -11.5 | 136 | 0 | 4   | NC |
| V2 | 125 | 0 | 8   | 0 | -11.5 | 165 | 0 | 7   | NC |
| V3 | 115 | 0 | 1   | 0 | -11.5 | 130 | 0 | 1.7 | NC |
| V4 | 120 | 0 | 1.1 | 0 | -11.5 | 120 | 0 | 1.1 | NC |
| V5 | 100 | 0 | 1.2 | 0 | -11.5 | 110 | 0 | 1.2 | NC |
| V6 | 75  | 0 | 5   | 0 | +11   | 130 | 0 | 4   | NC |
| V7 | 125 | 0 | 8   | 0 | +11   | 165 | 0 | 7   | NC |
| V8 | 115 | 0 | 1   | 0 | +11   | 130 | 0 | 1.7 | NC |
| V9 | 120 | 0 | 1.1 | 0 | +11   | 120 | 0 | 1.1 | NC |

\*This reading is dependent upon the filament resistance of the tube and may vary  $\pm 1$  volt.

NC-means "no connection."

## RESISTANCE CHART

Set turned off. All power supply capacitors completely discharged. All controls in "flat" position, Function switch in "AUX", Mode in "STEREO", Loudness at minimum, Balance at mid-position, Equalization at minimum.

Readings may vary  $\pm 20\%$ .

|     | 1     | 2     | 3     | 4    | 5    | 6     | 7    | 8    | 9  |
|-----|-------|-------|-------|------|------|-------|------|------|----|
| V2  | *20K  | 480K  | 1.62K | 0    | 4.20 | *100K | 560K | 560K | NC |
| V3  | *20K  | 1120K | 1.62K | 0    | 4.20 | *100K | 560K | 560K | NC |
| V4  | *10K  | 1130K | 430K  | 8.5K | 4.20 | *100K | 5.5M | 1K   | NC |
| V5  | *10K  | 1050K | 430K  | 8.5K | 4.20 | *10K  | 750K | 430K | NC |
| V6  | *10K  | 147K  | 430K  | 8.5K | 4.20 | *10K  | 430K | 430K | NC |
| V7  | *250K | 480K  | 1.62K | 0    | 4.20 | *100K | 560K | 560K | NC |
| V8  | *250K | 125K  | 1.62K | 0    | 4.20 | *10K  | 560K | 560K | NC |
| V9  | *10K  | 1130K | 430K  | 8.5K | 4.20 | *100K | 5.5M | 1K   | NC |
| V10 | *10K  | 1000K | 430K  | 8.5K | 4.20 | *10K  | 750K | 430K | NC |

\*These readings are measured from the cathode of the selenium rectifier CR2 (1-375 volt ponds). All other readings are ground.

NC-means "no connection."

†Turnover switch must be in RIAA position.

‡Loudness control must be in minimum position.

§ Bass and Treble switches must be in "flat" position.

|| Blend control in minimum position.