8.2 PC Board Component Layout With Resistance Measurements
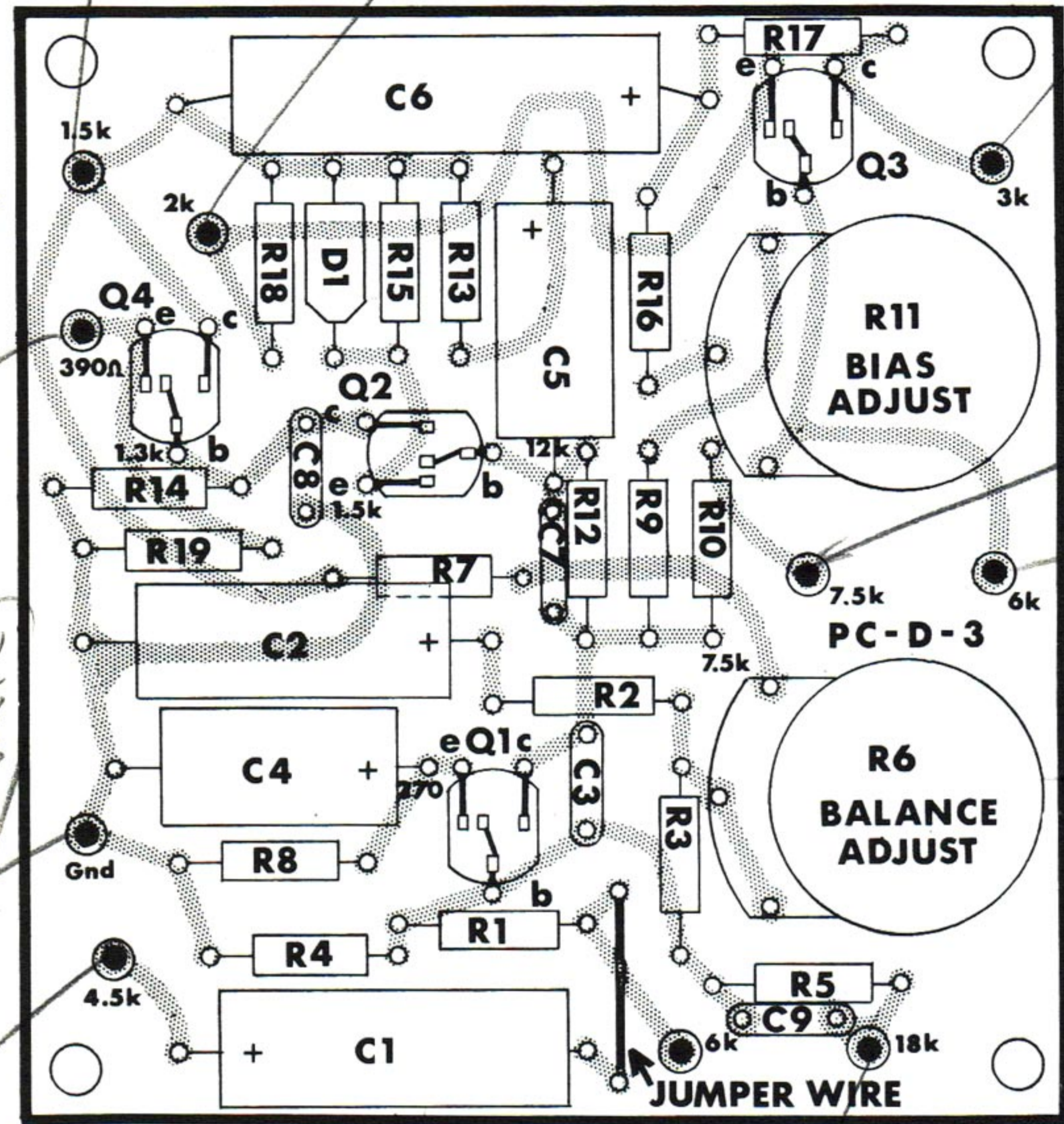
Q1 — QA-10 GREEN DOT
Q2 — QA-9
Q3 — QA-10 GREEN OR BLUE DOT
Q4 — QA-10 GREEN, BLUE OR RED DOT


DRIVER   PC104-1L

REAR CHASSIS

Q11   Q111
Q10   Q110

Matched Pair   Matched Pair
2N3055   2N3055
or   or
2N3235   2N3235

OUTPUT   N-260-1L

Z-PC-D4 Parts List

Component	Value
C1	CETM-50/25
C2	CET-25/25
C3	CC-47 NPO
C5, C4	CETM-250/3
C6	CET-50/75
C7	CC-120
C8	CC-470
C9	CC-22NPO
R1	RC21-2.7K
R7, R2	RC21-15K
R3	RC21-18K
R4, R16, R12	RC21-3.3K
R5	RC21-39K
R6	RCV-10K-PC
R13, R8	RC21-270
R9	RC21-220
R10, R15	RC21-47
R11	RCV-1K-PC
R14	RC21-1.5K
R17	RC21-1K
R19, R18	RC21-390
D1	SR1-5
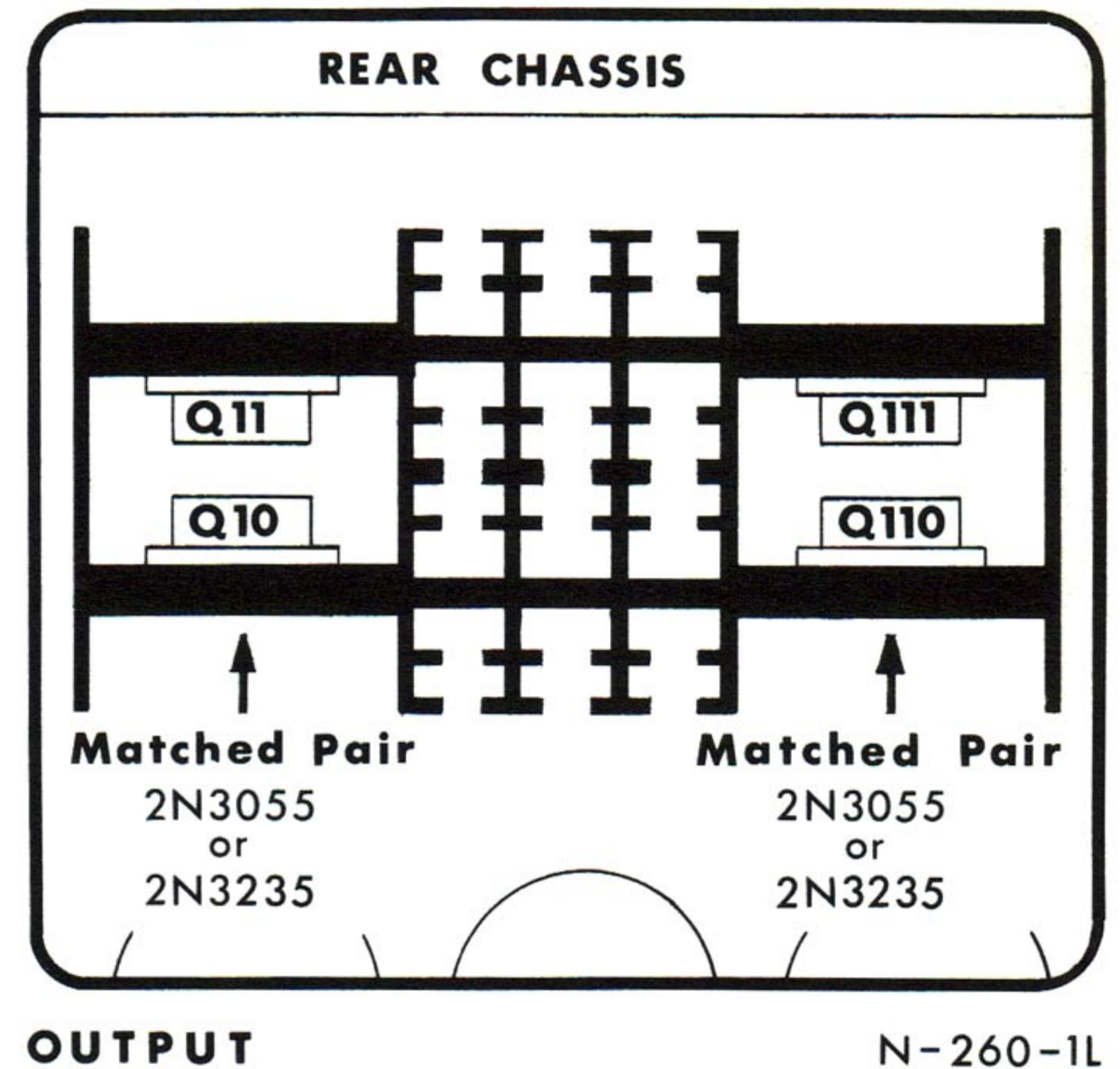
Resistance Measurements

Note

1. All measurements made with Triplett Model 630 VOM on RX1000 scale.

2. Negative side of VOM battery to ground.

3. **Pilot light** bulb **removed** for resistance measurements only.

Pre-amp Ckt. Board

Input Selector — "Phono"
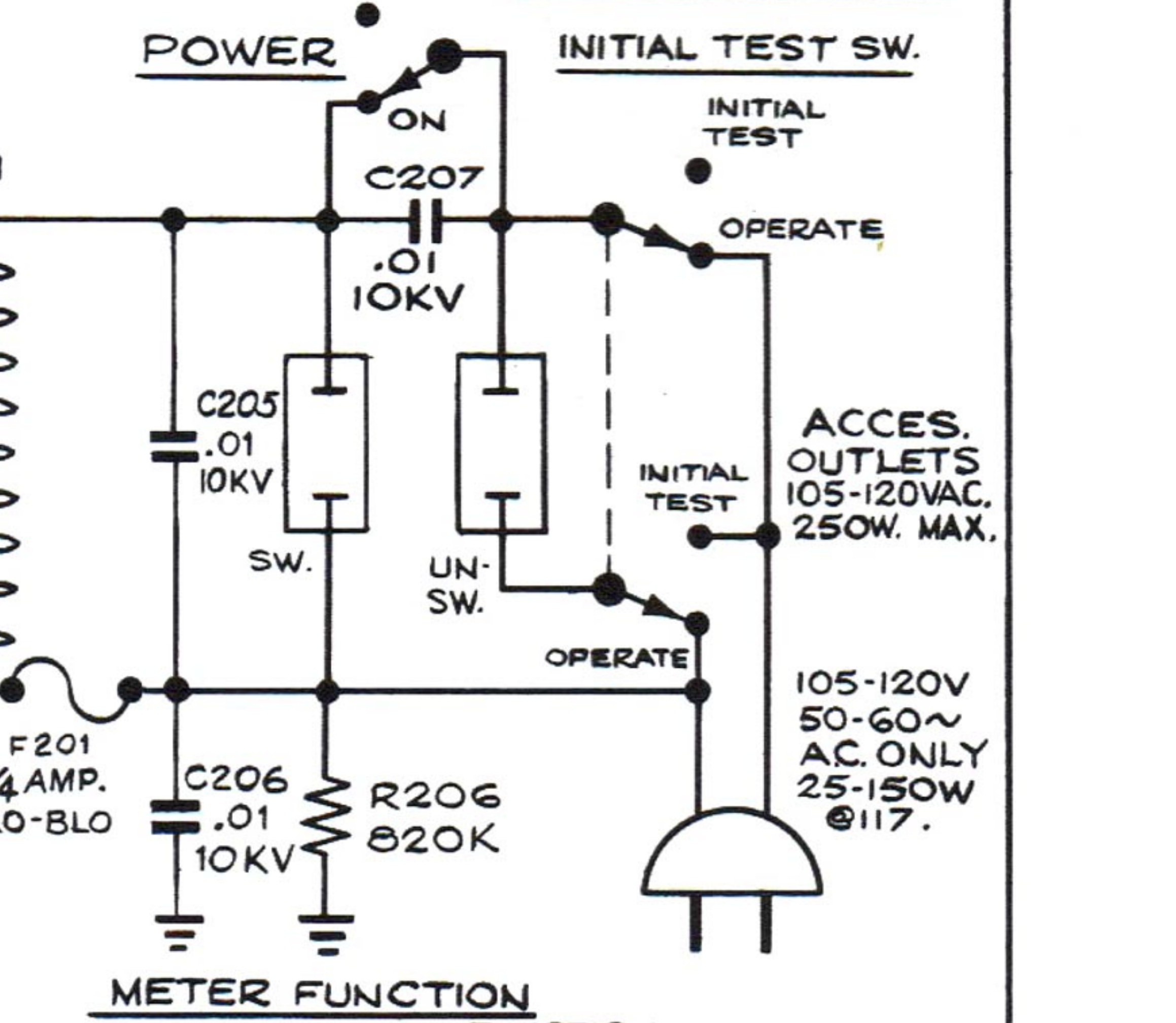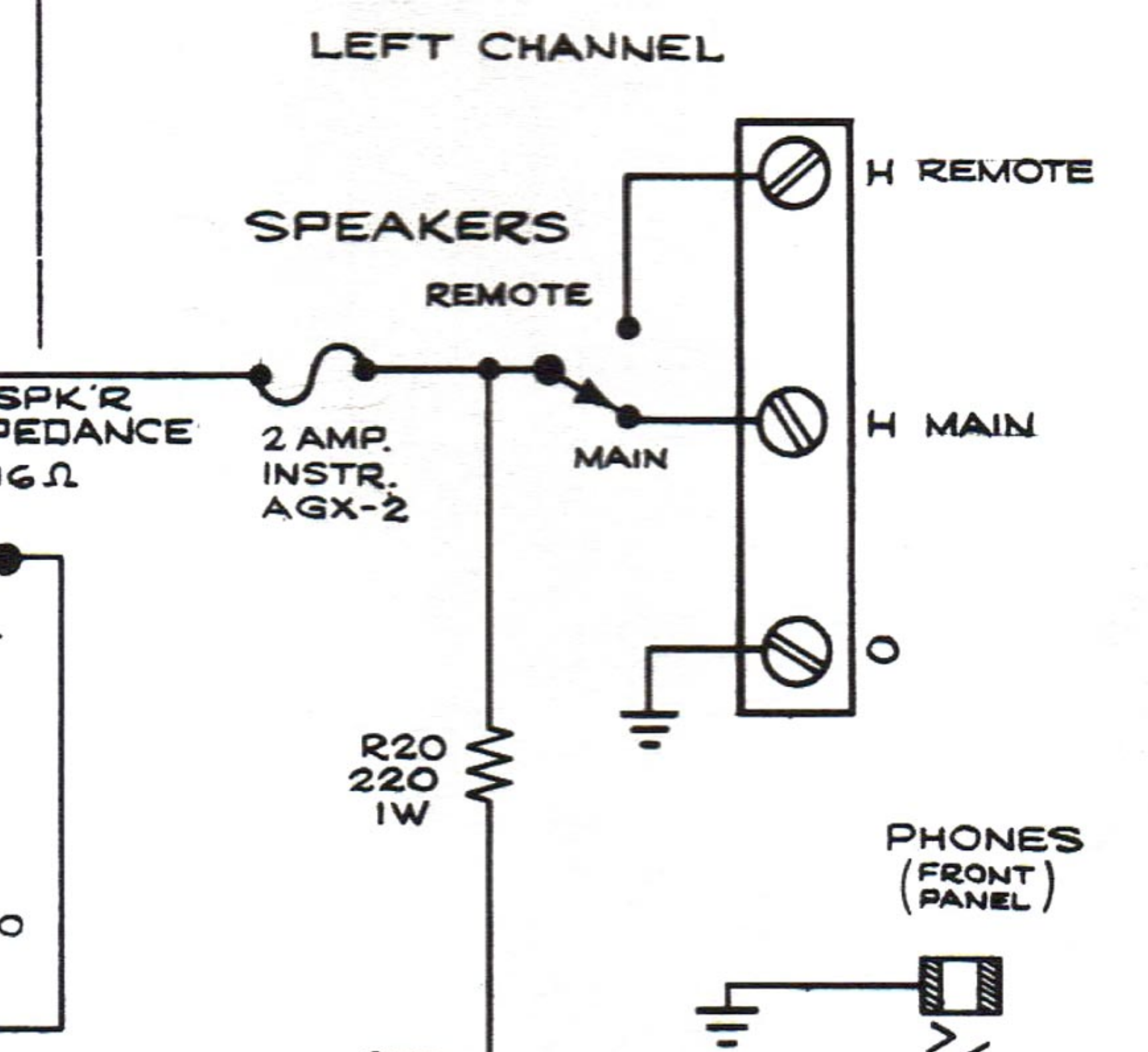 Phono Sensitivity — "C"

Tone Control Ckt. Board

Loudness	Min.
Input Selector	"Extra"
Stereo	"Stereo"
Balance	"0"
Tone Controls	"0" Flat
Rumble Filter	"Out"
Scratch	"Out"
Tape Monitor	"Out"

Driver Ckt. Board

R6 Balance	Max CW
R11 Bias	Max CCW
Speaker Impedance	8-16 ohms

LEFT

RIGHT

REVISIONS			
SYM	DESCRIPTION	DATE	APPR.
1	ECO 1187	7-21-65	
2	ECO 1247	10-21-65	

SELECTOR

POS.	FUNCTION
1	BAL. L.
2	BAL. R.
3	MONO
4	STEREO
5	REV. STEREO
6	L. INPUT
7	R. INPUT

INPUT

POS.	FUNCTION
1	TAPE HD.
2	PHONO
3	TUNER
4	EXTRA

METER FUNCTION

POS	FUNCTION
1.	BIAS LEFT CH. (SET TO 1.5)
2.	BAL. LEFT CH. (SET TO "0").
3.	POWER MONITOR
4.	BAL. RIGHT CH. (SET TO "0")
5.	BIAS RIGHT CH. (SET TO 1.5)

NOTE:
THE FOLLOWING CONTROLS IN LEFT CHANNEL ARE MECHANICALLY GANGED WITH IDENTICAL CONTROLS IN THE RIGHT CHANNEL.

1. INPUT	6. COMPENSATOR
2. SELECTOR	7. TAPE
3. SCRATCH FILTER	8. LOUDNESS
4. RUMBLE FILTER	9. SPEAKERS
5. PHONO SENSITIVITY	10. INIT. TEST SW.

UNLESS OTHERWISE SPECIFIED:
1. RESISTORS IN OHMS @ ½ WATT.
2. CAPACITORS IN MFD.
3. VOLTS D.C. ±15% MEASURED WITH 20KΩ/V.V.O.M. NO SIGNAL @ 117V LINE.
4. GAINS ± 2db WITH A.C. V.T.V.M.
5. ARROWS ON POTS INDICATE C.W. ROTATION.

HIGHEST SERIES NUMBERS

R21	R208	C13	C207	D2	D203	T201
R121		C113				

HIGHEST SERIES NO. R16, C8.

A1, A101
Z-PC-P-4
Q1 — Q-2N3391A (QA-12)
Q2 — Q-2N2926 or Q-2N3708 (QA-13)
Q3 — 2N2613 or 2N508A

A2, A102
Z-PC-T-1
Q1 — 2N2924 or 2N3710 (QA-14)
Q2 — 2N2925 or 2N3711 (QA-15)
HIGHEST SERIES NO. R12, C6.

A3, A103
Z-PC-D-4
* Q1 — QA-10 (GREEN DOT)
Q2 — QA-9 or 2N3998
* Q3 — QA-10 (GN or BLUE DOT)
* Q4 — QA-10 (GN, BLUE or RED DOT)
(* SELECTED 2N3053).
HIGHEST SERIES NO. R19, C8, D1.

LK-60-C1
REV 2