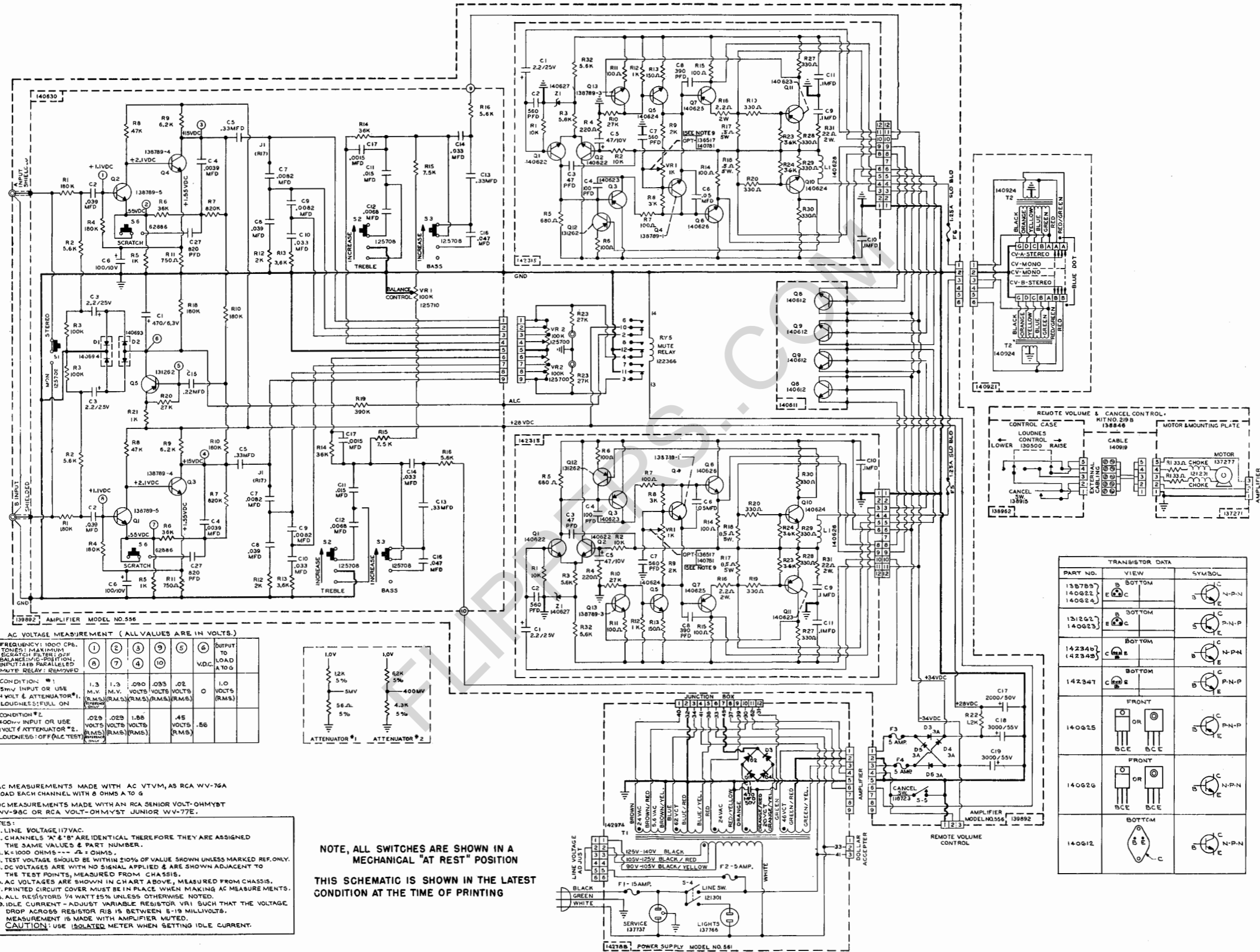


SOUND SYSTEM WIRING DIAGRAM MODEL 556 AMPLIFIER



AC VOLTAGE MEASUREMENT (ALL VALUES ARE IN VOLTS.)

FREQUENCY: 1000 CPS. TONE'S: MAXIMUM SCRATCH FILTER: OFF BALANCE: MID-POSITION INPUT: A+B PARALLELED MUTE RELAY: REMOVED	V.D.C.					
	(1)	(2)	(3)	(9)	(5)	(6) OUTPUT TO LOAD A TO G
CONDITION #1 5mV INPUT OR USE 1 VOLT & ATTENUATOR #1 LOUDNESS: FULL ON	1.3 (R.M.S.)	1.3 (R.M.S.)	.090 (R.M.S.)	.035 (R.M.S.)	.02 (R.M.S.)	1.0 (R.M.S.)
CONDITION #2 400mV INPUT OR USE 1 VOLT & ATTENUATOR #2 LOUDNESS: OFF (A.C. TEST)	.029 (R.M.S.)	.029 (R.M.S.)	1.88 (R.M.S.)	.45 (R.M.S.)	.56 (R.M.S.)	

AC MEASUREMENTS MADE WITH AC VTVM, AS RCA WV-76A
LOAD EACH CHANNEL WITH 8 OHMS A TO G

DC MEASUREMENTS MADE WITH AN RCA SENIOR VOLT-OHM-YST
WV-96C OR RCA VOLT-OHM-YST JUNIOR WV-77E.

NOTES:

1. LINE VOLTAGE: 117VAC.
2. CHANNELS 'A' & 'B' ARE IDENTICAL THEREFORE THEY ARE ASSIGNED THE SAME VALUES & PART NUMBER.
3. K = 1000 OHMS --- Ω = OHMS.
4. TEST VOLTAGE SHOULD BE WITHIN 20% OF VALUE SHOWN UNLESS MARKED REF. ONLY.
5. DC VOLTAGES ARE WITH NO SIGNAL APPLIED & ARE SHOWN ADJACENT TO THE TEST POINTS, MEASURED FROM CHASSIS.
6. AC VOLTAGES ARE SHOWN IN CHART ABOVE, MEASURED FROM CHASSIS.
7. PRINTED CIRCUIT COVER MUST BE IN PLACE WHEN MAKING AC MEASUREMENTS.
8. ALL RESISTORS 1/4 WATT 5% UNLESS OTHERWISE NOTED.
9. IDLE CURRENT - ADJUST VARIABLE RESISTOR, VR1 SUCH THAT THE VOLTAGE DROP ACROSS RESISTOR R15 IS BETWEEN 5-19 MILLIVOLTS. MEASUREMENT IS MADE WITH AMPLIFIER MUTED.

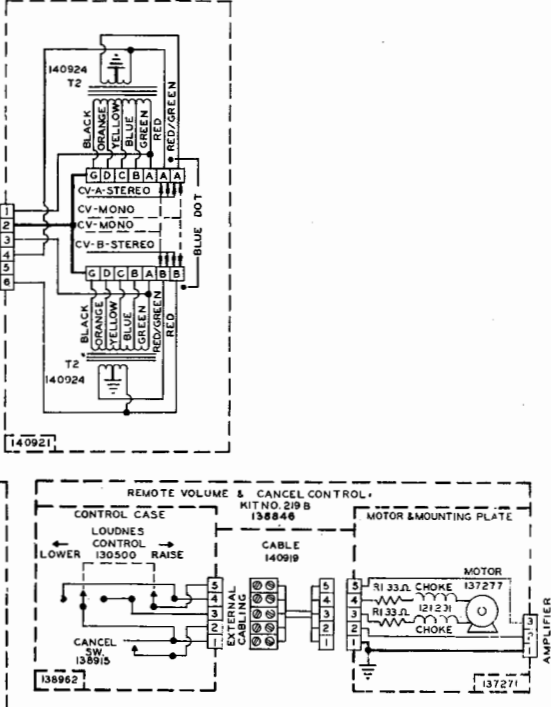
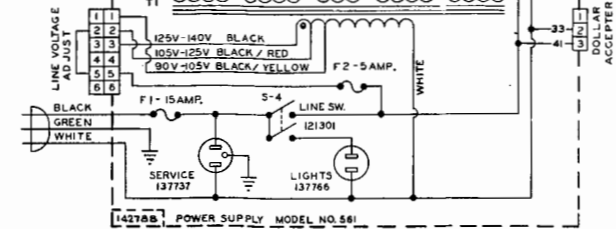
CAUTION: USE ISOLATED METER WHEN SETTING IDLE CURRENT.

NOTE, ALL SWITCHES ARE SHOWN IN A MECHANICAL "AT REST" POSITION

THIS SCHEMATIC IS SHOWN IN THE LATEST CONDITION AT THE TIME OF PRINTING

TRANSISTOR DATA

PART NO.	VIEW	SYMBOL
138789	B BOTTOM	C
140622	E C	B
140624	E C	B
131262	B BOTTOM	C
140623	E C	B
14234b	B BOTTOM	C
14234c	E C	B
14234t	B BOTTOM	C
14234u	E C	B
140625	FRONT	BCE
140626	FRONT	BCE
140612	BOTTOM	C



142768, POWER SUPPLY MODEL NO. 561