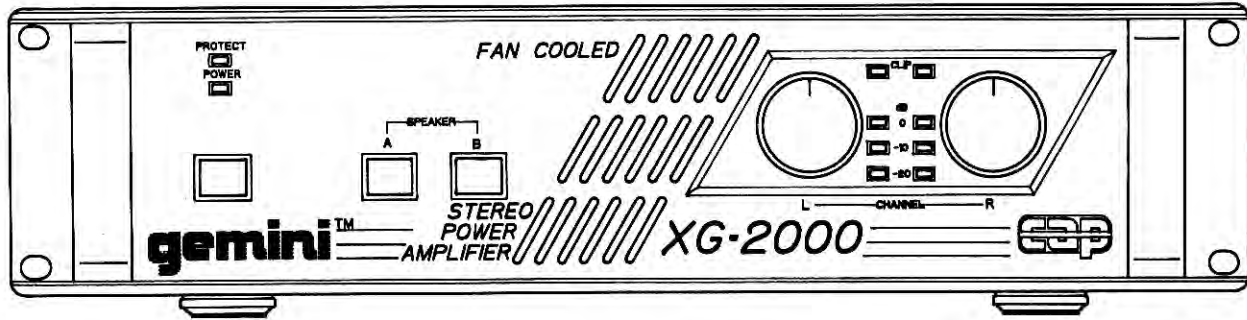




SERVICE MANUAL
STEREO POWER AMPLIFIER
MODEL XG-1100/XG-1750/XG-2000



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GEMINI SOUND PRODUCTS CORP.

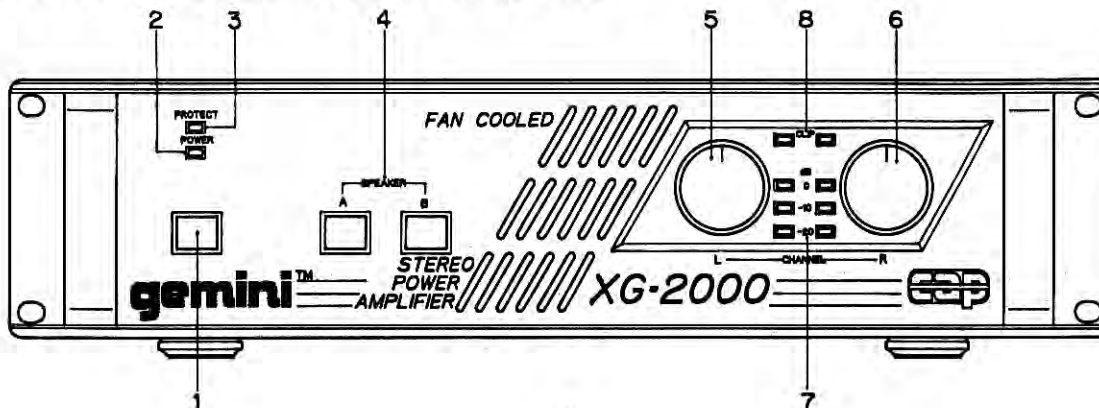
1100 MILIK STREET CARTERET, NEW JERSEY 07008 U.S.A.

TEL:908-969-9000 FAX:908-969-9090

SPECIFICATIONS

| | | |
|----------------|--------------------------------------|--------------------------------------------------------------------|
| XG-1100 | Momentary Music Peak Power at 1kHz : | 500 watts |
| | Maximum Power Output (RMS) at 1KHz : | 240 watts 8 Ω Bridged Mono 120 watts at 4 Ω 85 watts at 8 Ω |
| | Total Harmonic Distortion : | Less Than 0.08% at rated Power Output into 8 Ω |
| | Frequency Response : | 20Hz to 60 kHz (+0/-3dB) |
| | Signal To Noise Ratio : | 98 dB (IEC-A) |
| | Output Section : | 4-16 Ω |
| | Indicators : | Power & Protection |
| | Power Consumption : | 500 watts(Max.) |
| | Dimensions : | 19"(L)×3 3/4"(H)×10 1/2"(D) 483mm(W) ×94mm(H) ×267mm(D) |
| | Weight : | 19.4 lbs. (8.8Kgs) |
| | Rack : | 2.1 U rack spaces |
| | | |
| XG-1750 | Momentary Music Peak Power at 1kHz : | 800 watts |
| | Maximum Power Output (RMS) at 1KHz : | 360 watts 8 Ω Bridged Mono 180 watts at 4 Ω 125 watts at 8 Ω |
| | Total Harmonic Distortion : | Less Than 0.08% at rated Power Output into 8 Ω |
| | Frequency Response : | 20Hz to 60 kHz (+0/-3dB) |
| | Signal To Noise Ratio : | 98 dB (IEC-A) |
| | Output Section : | 4-16 Ω |
| | Indicators : | Power & Protection |
| | Power Consumption : | 800 watts(Max.) |
| | Dimensions : | 19"(L)×4 3/8"(H)×10 1/2"(D) 483mm(W) ×110mm(H) ×267mm(D) |
| | Weight : | 21.4 lbs. (9.7Kgs) |
| | Rack : | 2.5 U rack spaces |
| | | |
| XG-2000 | Momentary Music Peak Power at 1kHz : | 1000 watts |
| | Maximum Power Output (RMS) at 1KHz : | 500 watts 8 Ω Bridged Mono 250 watts at 4 Ω 160 watts at 8 Ω |
| | Total Harmonic Distortion : | Less Than 0.08% at rated Power Output into 8 Ω |
| | Frequency Response : | 20Hz to 60 kHz (+0/-3dB) |
| | Signal To Noise Ratio : | 98 dB (IEC-A) |
| | Output Section : | 4-16 Ω |
| | Indicators : | Power & Protection |
| | Power Consumption : | 1000 watts(Max.) |
| | Dimensions : | 19"(L)×4 3/8"(H)×10 1/2"(D) 483mm(W) ×110mm(H) ×267mm(D) |
| | Weight : | 21.6 lbs. (9.8Kgs) |
| | Rack : | 2.5 U rack spaces |

CONNECTION AND OPERATING INSTRUCTIONS



CONNECTION INSTRUCTIONS

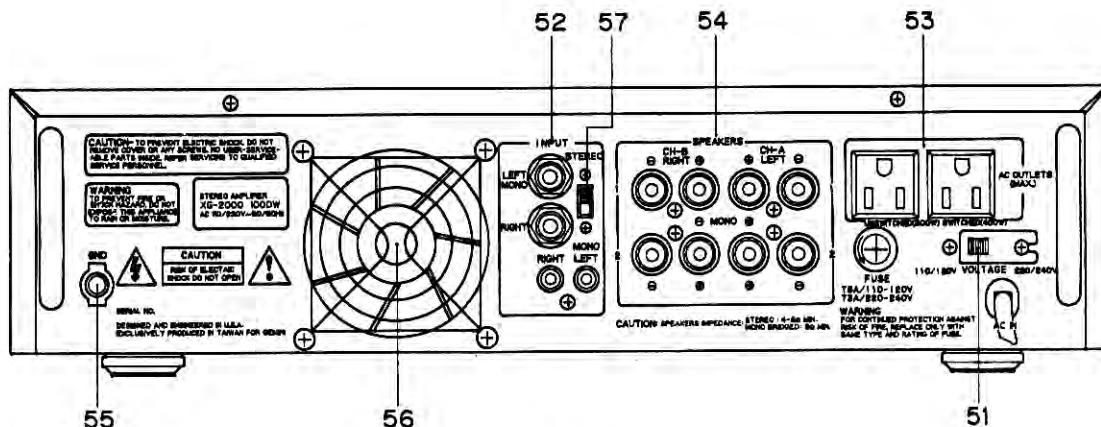
1. Be sure that POWER (1) is in the OFF position . All connections must be made with all equipment OFF.
2. Before plugging in the power cord , make sure the VOLTAGE SELECTOR SWITCH (51) is set to the correct voltage.
3. Use the LINE IN (52) jacks to attach your input signal to the amplifier . Make sure that you correctly attach the left and right cables. You can use either RCA or 1/4" connectors . If you are using the bridged mono mode, plug your speaker into either the 1/4" or RCA left jack and set the STEREO/MONO SWITCH (57) to mono.
4. There are two supplied AC Outlets (53) , one unswitched (Max. 500W) and one switched (Max. 400W) ,which allow the electrical hook up of other units.
5. The XG-2000, 1750 AND 1100 provide two pairs of Speaker Output Terminals (54) to enable you to run two sets of speakers. You can either use banana plugs or bared speaker wire for your connections. If the unit is being used in the bridged mono mode, plug the speaker into the center jacks (marked mono). You can plug one speaker into set A and one speaker into set B. Remember, the STEREO/MONO SWITCH (57) needs to be in the mono position.
6. A GND terminals (55) is provided for grounding the amplifier to your other equipment .
7. Make sure that the FAN (56) is not obstructed.

OPERATING INSTRUCTIONS

1. **Power ON**
Once you have made all source connections to your amplifier , Press the POWER(1) button , the power will turn on and the POWER LED (2) will illuminate GREEN.
2. **Protection Led**
The PROTECTION LED (3) illuminates RED when The amplifier overheats or when a shorted load or DC is detected on the amplifier output . The amplifier will reset itself when the problem is corrected.
3. **Volume Control**
You can easily control the output level to your speakers(the volume) by using the rotary VOLUME CONTROLS (5, 6). VOLUME CONTROL (5) adjusts the left channel and VOLUME CONTROL (6) adjusts the right channel .Your amplifier is equipped with SIGNAL INDICATOR LEDs (7) and CLIP LEDs (8). These LEDs will visually show the presence and strength of a signal . the stronger the signal the more LEDs that light .The maximum signal that should go through your amplifier should cause the CLIP LEDs (8) to blink at peak music levels. In the bridged mono mode . Only the left VOLUME CONTROL(5) will adjust the output level.

WARNING :

If the CLIP LEDs (8) remain on steadily , cut the levels down or the unit will go into protection.



DISASSEMBLY PROCEDURES

1. Removal of Top Cover

- (a) Remove 4 screws (A). (Fig.1)
- (b) Remove 2 screws (B). (Fig.1)

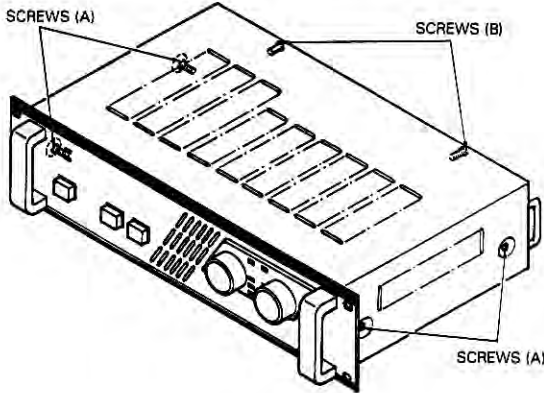


Fig. 1

3. Removal of Vr Bracker

- (a) Remove 2 knobs(F). (Fig.3)
- (a) Remove 2 screws (G). (Fig.3)

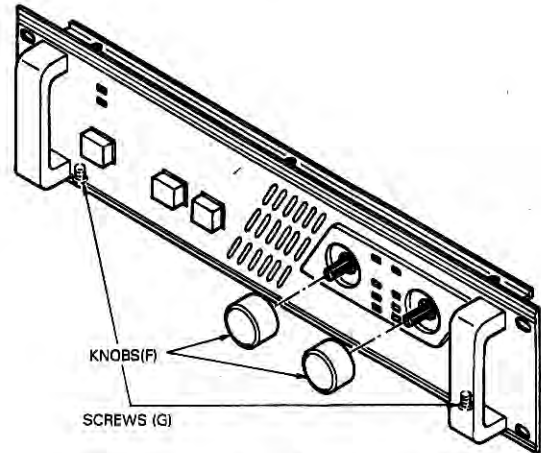


Fig. 2

2. Removal of Front Panel

- (a) Remove 3 screws (C). (Fig.2)
- (b) Remove 4 screws (D). (Fig.2)
- (c) Remove 6 screws (E). (Fig.2)

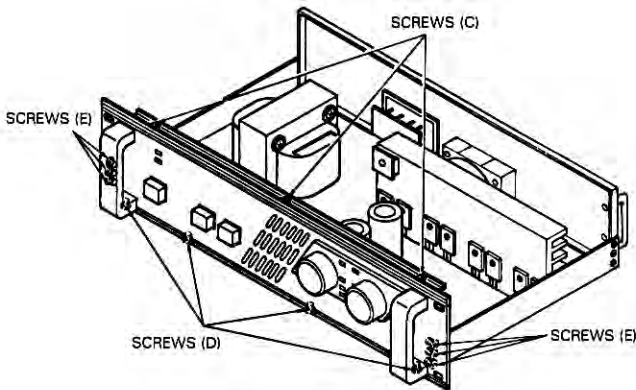


Fig. 3

4. Removal of each P. C. B.

- (a) Removal of Power Led PCB. (Fig.4)
Remove 1 screw (H).
- (b) Removal of Level Led PCB. (Fig.4)
Remove 2 screws (I).
- (c) Removal of Power Switch PCB. (Fig.4)
Remove 2 screws (J).
- (d) Removal of Push Switch PCB. (Fig.4)
Remove 2 screws (K).
- (e) Removal of Vol VR PCB. (Fig.5)
Remove 2 nuts (L).

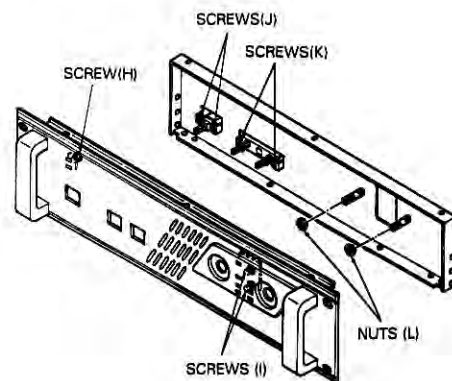


Fig. 4

5. Removal of Rear Cover and Other

- (a) Removal of Rear Cover. (Fig.5)
Remove 3 screws (M).
Remove 6 screws (N).
- (b) Removal of Fan. (Fig.5)
Remove 4 screws (O).
- (c) Removal of Phone Jack. (Fig.5)
Remove 1 screw (P).
- (d) Removal of Slide Switch. (Fig.5)
Remove 2 screws (Q).
- (e) Removal of Speak Terminal. (Fig.5)
Remove 4 screws (R).
- (f) Removal of Voltage Selector. (Fig.5)
Remove 2 screws (S).

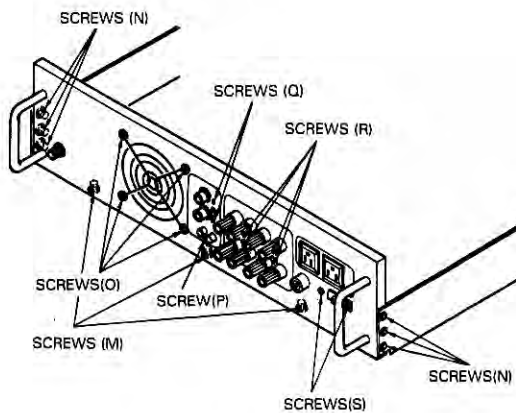


Fig. 5

6. Removal of Transistor and Main PCB

- (a) Removal of Transistor. (Fig.6)
Remove 4 nuts (T).
- (b) Removal of Main PCB. (Fig.6)
Remove 6 screws (U).
- (c) Removal of Heat Sink. (Fig.6)
Remove 6 screws (V).

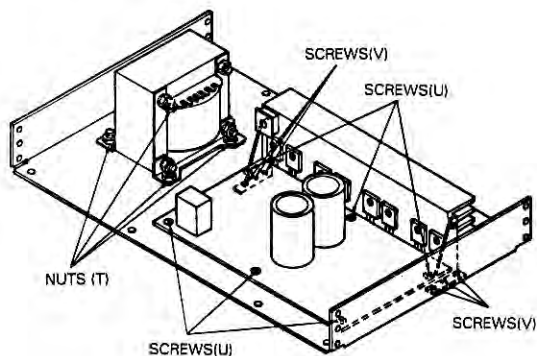


Fig. 6

ADJUSTMENT

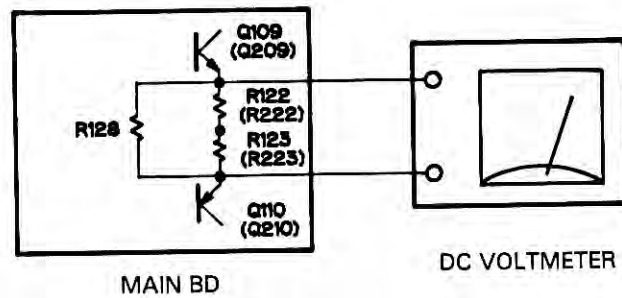
AUDIO CIRCUIT ADJUSTMENT EQUIPMENT REQUIRED

1. Oscilloscope
2. Audio Oscillator
3. DC Voltmeter
4. AC Voltmeter
5. Distortion Meter

Note: Maintain voltage at 120 voltage AC 60 Hz for U.S.A. & Canadian models.
(Use 220/240 volts AC 50 Hz for European and 240 volts AC 50 Hz for Australian models.).

ADJUSTMENT

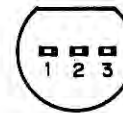
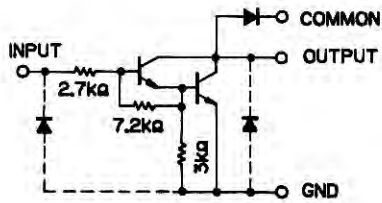
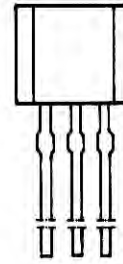
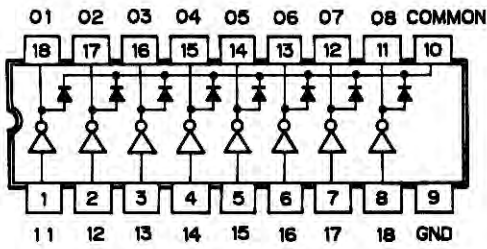
| Austment | Equipment | Connection | Audio Freq | Model | Level | Adjustment |
|------------------------------|--------------|------------|------------|---------|-------|------------------------|
| Idling current adjustment | DC Voltmeter | See below | No signal | XG-2000 | 5.2mV | VR102(VR202) 1 kohm |
| | | | | XG-1750 | 8mV | |
| | | | | XG-1100 | 3.5mV | |



INTERNAL DIAGRAMS AND PINOUT OF EQUIVALENT CIRCUITS

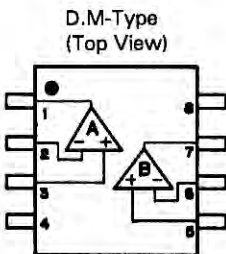
TD62081AP/CP/F ~ TD62084AP/CP/F

2SA1015/2SA970/2SA733

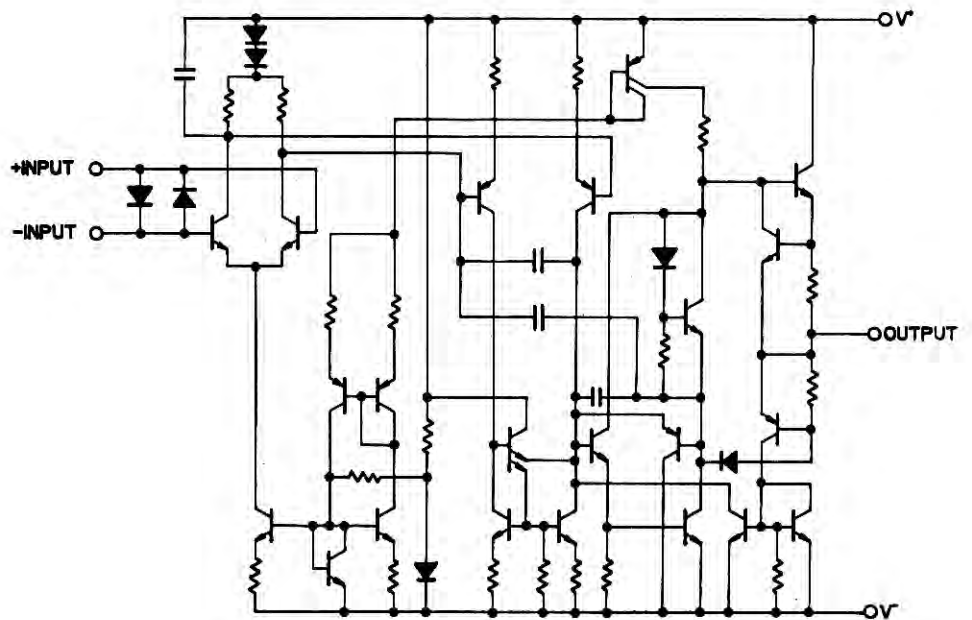


- 1. EMITTER
- 2. COLLECTOR
- 3. BASE

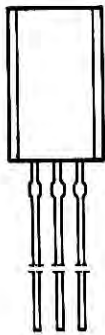
NJM5532



- PIN FUNCTION
- 1. A OUTPUT
 - 2. A- INPUT
 - 3. A+ INPUT
 - 4. V-
 - 5. B+ INPUT
 - 6. B- INPUT
 - 7. B OUTPUT
 - 8. V+

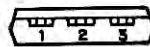
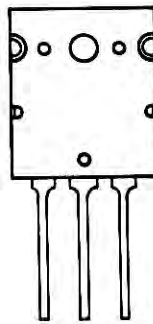


2SA1145/2SC2705



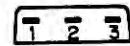
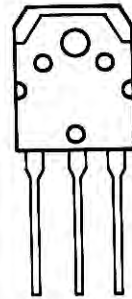
- 1. EMITTER
- 2. COLLECTOR
- 3. BASE

2SA1302/2SC3281



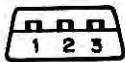
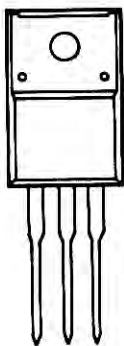
- 1. BASE
- 2. COLLECTOR (HEAT SINK)
- 3. EMITTER

2SA1516/2SC3907



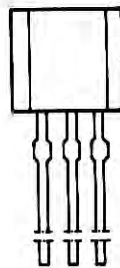
- 1. BASE
- 2. COLLECTOR (HEAT SINK)
- 3. EMITTER

2SA1837/2SC4793



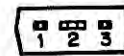
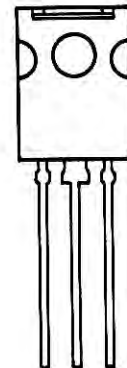
- 1. BASE
- 2. COLLECTOR
- 3. EMITTER

2SC1815/2SC945



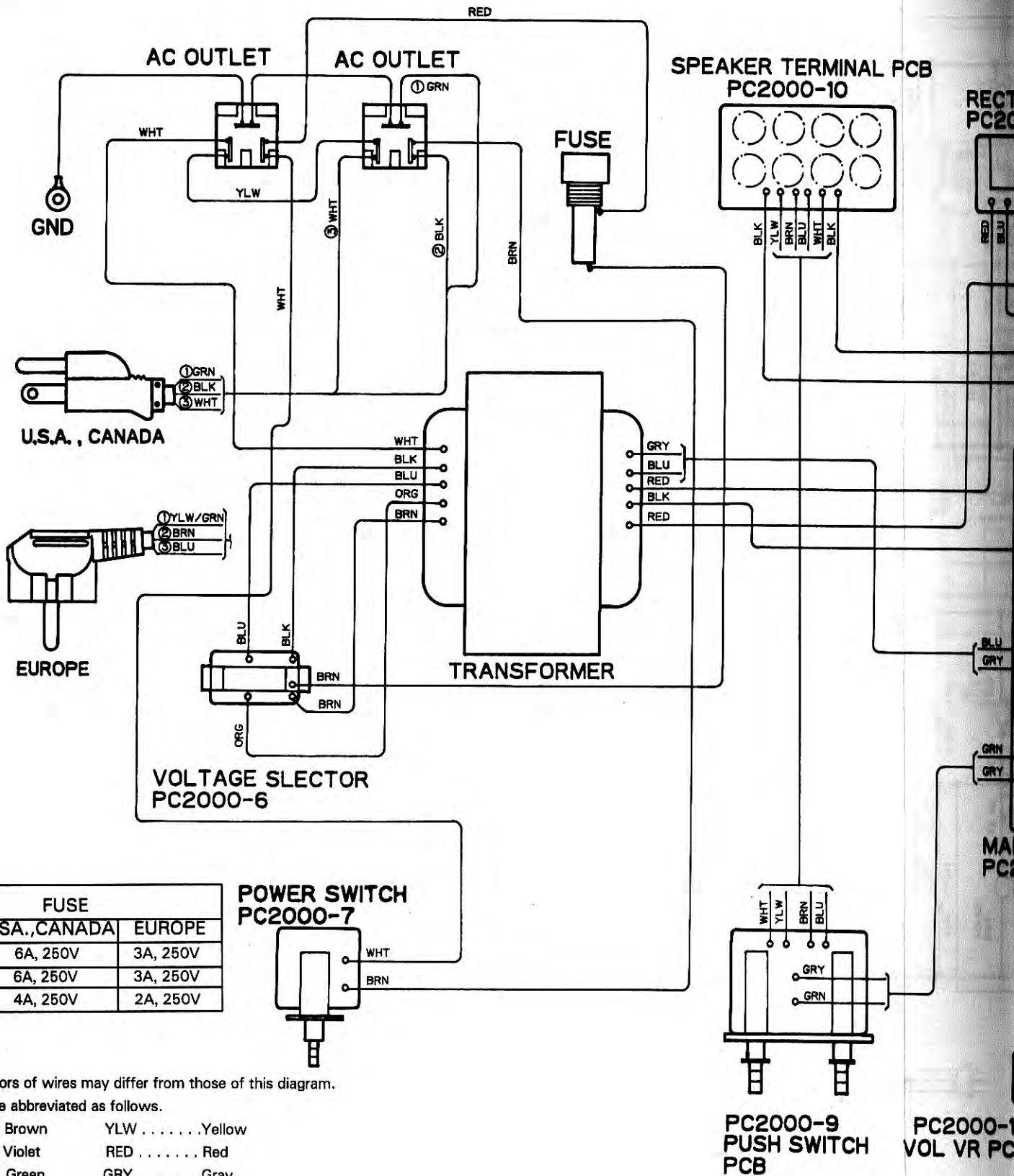
- 1. EMITTER
- 2. COLLECTOR
- 3. BASE

2SC3421



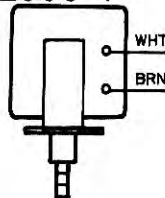
- 1. EMITTER
- 2. COLLECTOR
- 3. BASE

WIRING DIAGRAM



| FUSE | | |
|---------|--------------|----------|
| Model | USA., CANADA | EUROPE |
| XG-2000 | 6A, 250V | 3A, 250V |
| XG-1750 | 6A, 250V | 3A, 250V |
| XG-1100 | 4A, 250V | 2A, 250V |

POWER SWITCH PC2000-7



NOTE:

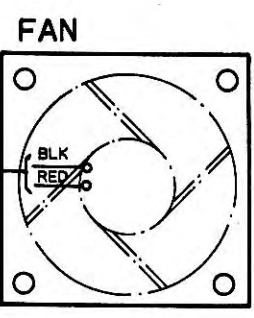
1. The actual colors of wires may differ from those of this diagram.

Wire colors are abbreviated as follows.

- | | |
|----------------------|----------------------|
| BRN Brown | YLW Yellow |
| VLT Violet | RED Red |
| GRN Green | GRY Gray |
| ORG Orange | BLU Blue |
| WHT White | BLK Black |

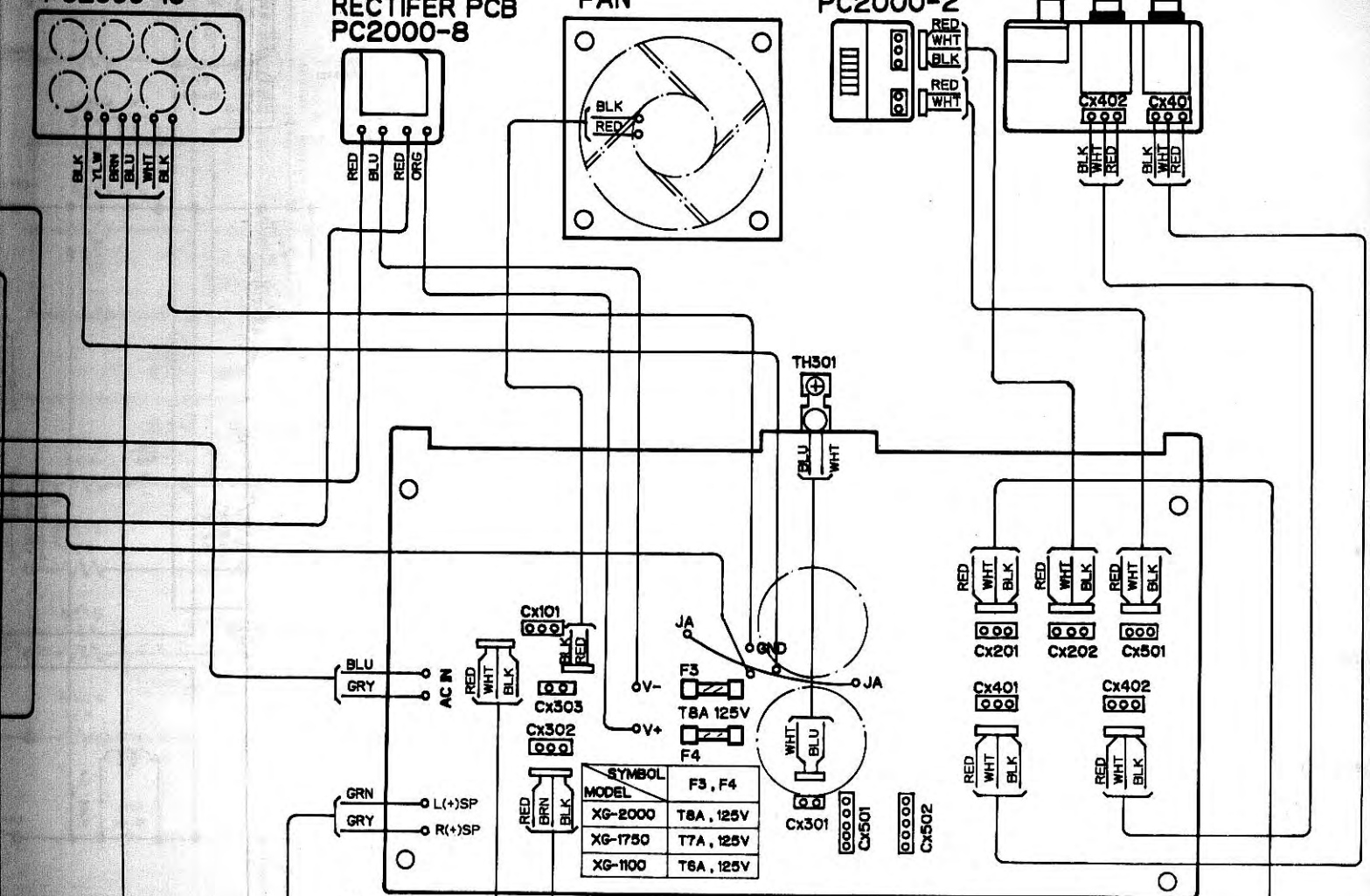
PEAKER TERMINAL PCB
PC2000-10

RECTIFIER PCB
PC2000-8



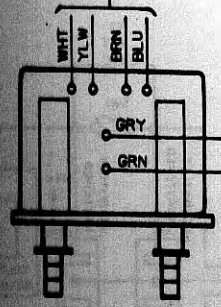
SLIDE SWITCH
PCB
PC2000-2

PHONE JACK PCB
PC2000-4



MAIN PCB
PC2000-1

| SYMBOL | F3, F4 |
|--------|-----------|
| MODEL | XG-2000 |
| | T8A, 125V |
| | XG-1750 |
| | T7A, 125V |
| | XG-1100 |
| | T6A, 125V |



PC2000-9
PUSH SWITCH
PCB

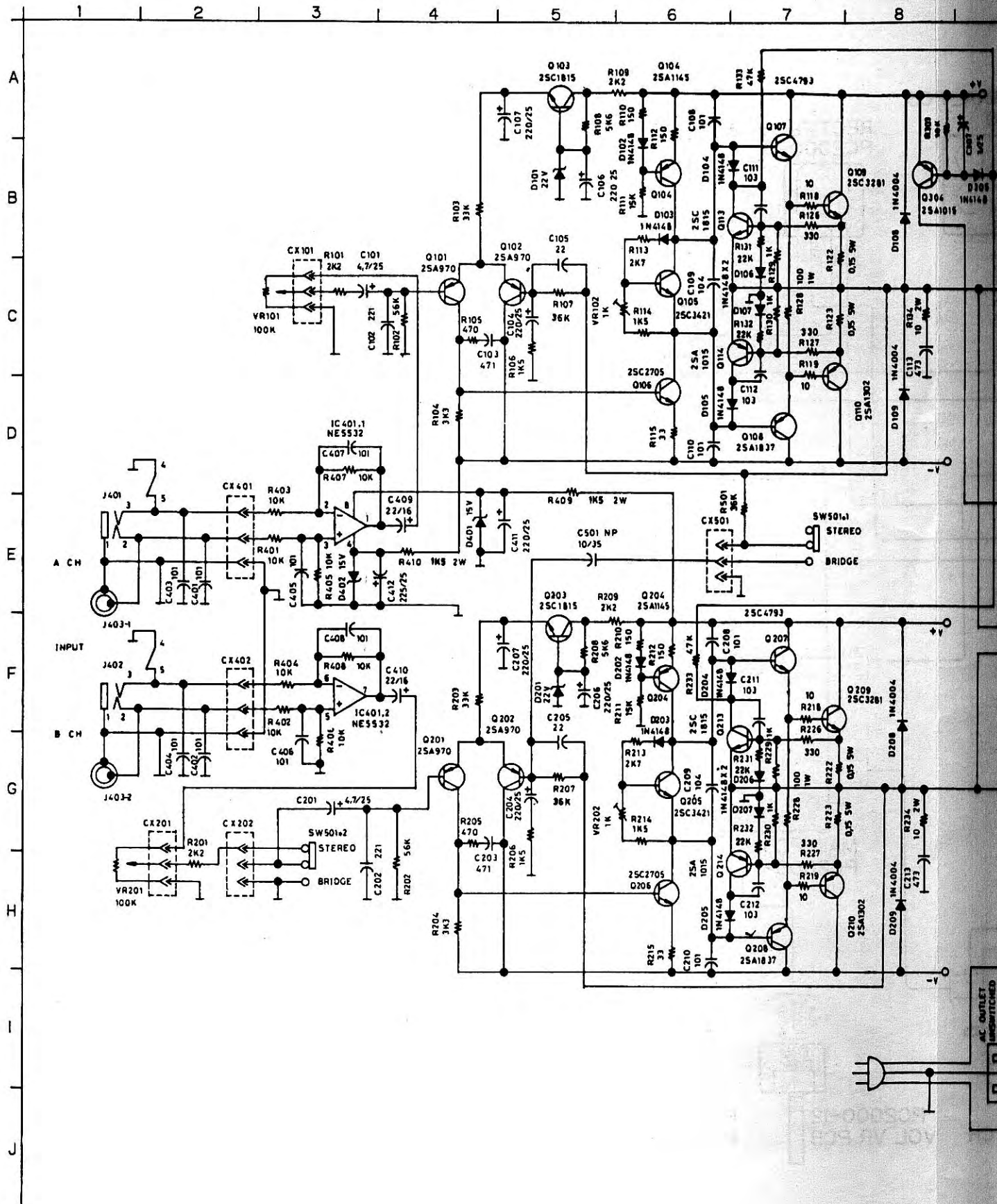
PC2000-12
VOL VR PCB

PC2000-3
POWER LED PCB

PC2000-5
LEVEL LED PCB

PC2000-12
VOL VR PCB

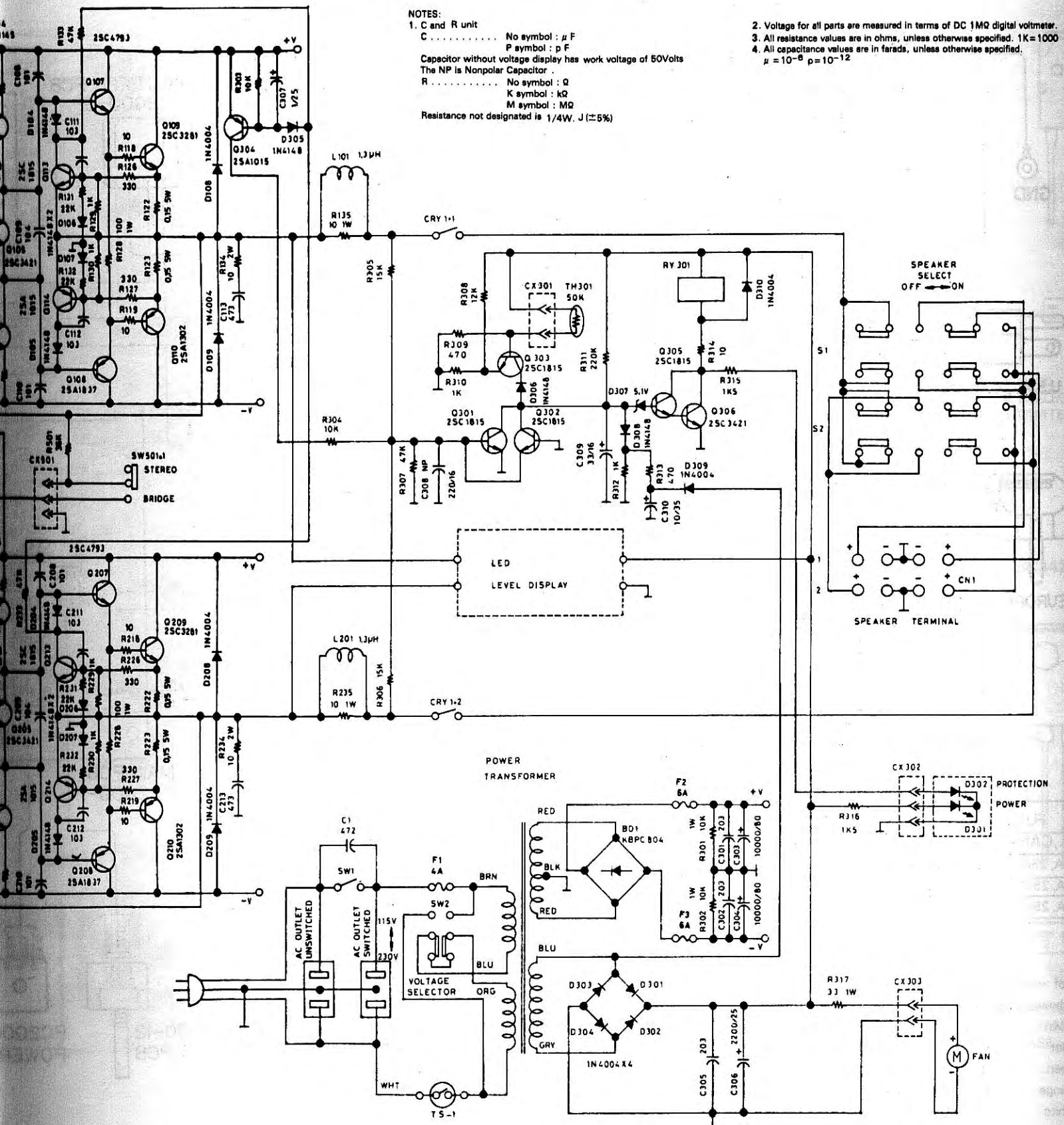
SCHEMATIC DIAGRAM(XG-1100)



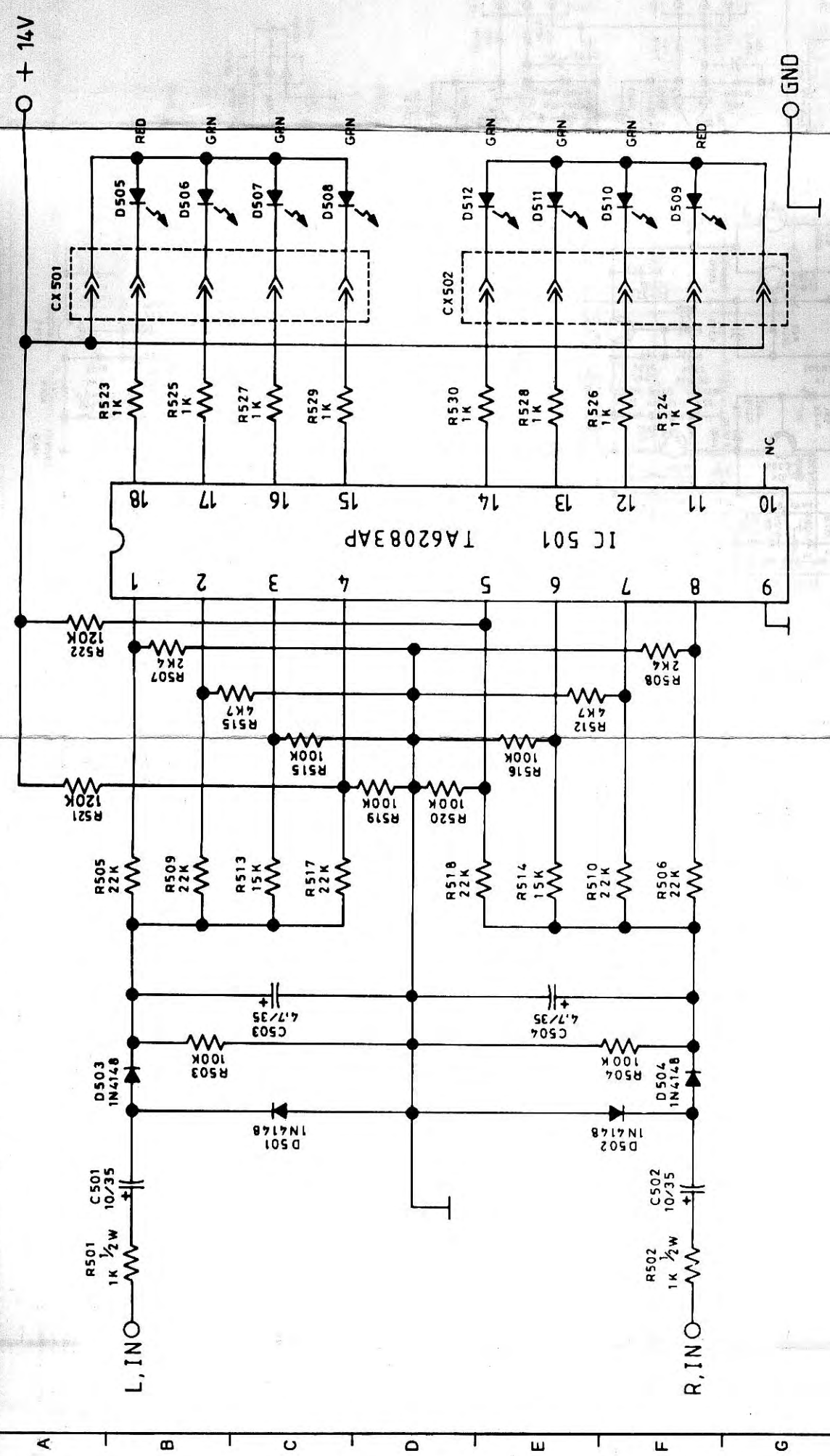
NOTES:

1. C and R unit
- C No symbol : μ F
P symbol : p F
- Capacitor without voltage display has work voltage of 50Volts
- The NP is Nonpolar Capacitor .
- R No symbol : Ω
K symbol : k Ω
M symbol : M Ω
- Resistance not designated is 1/4W, J(\pm 5%)

2. Voltage for all parts are measured in terms of DC 1M Ω digital voltmeter.
3. All resistance values are in ohms, unless otherwise specified. 1K=1000
4. All capacitance values are in farads, unless otherwise specified.
 $\mu = 10^{-6}$ p=10⁻¹²

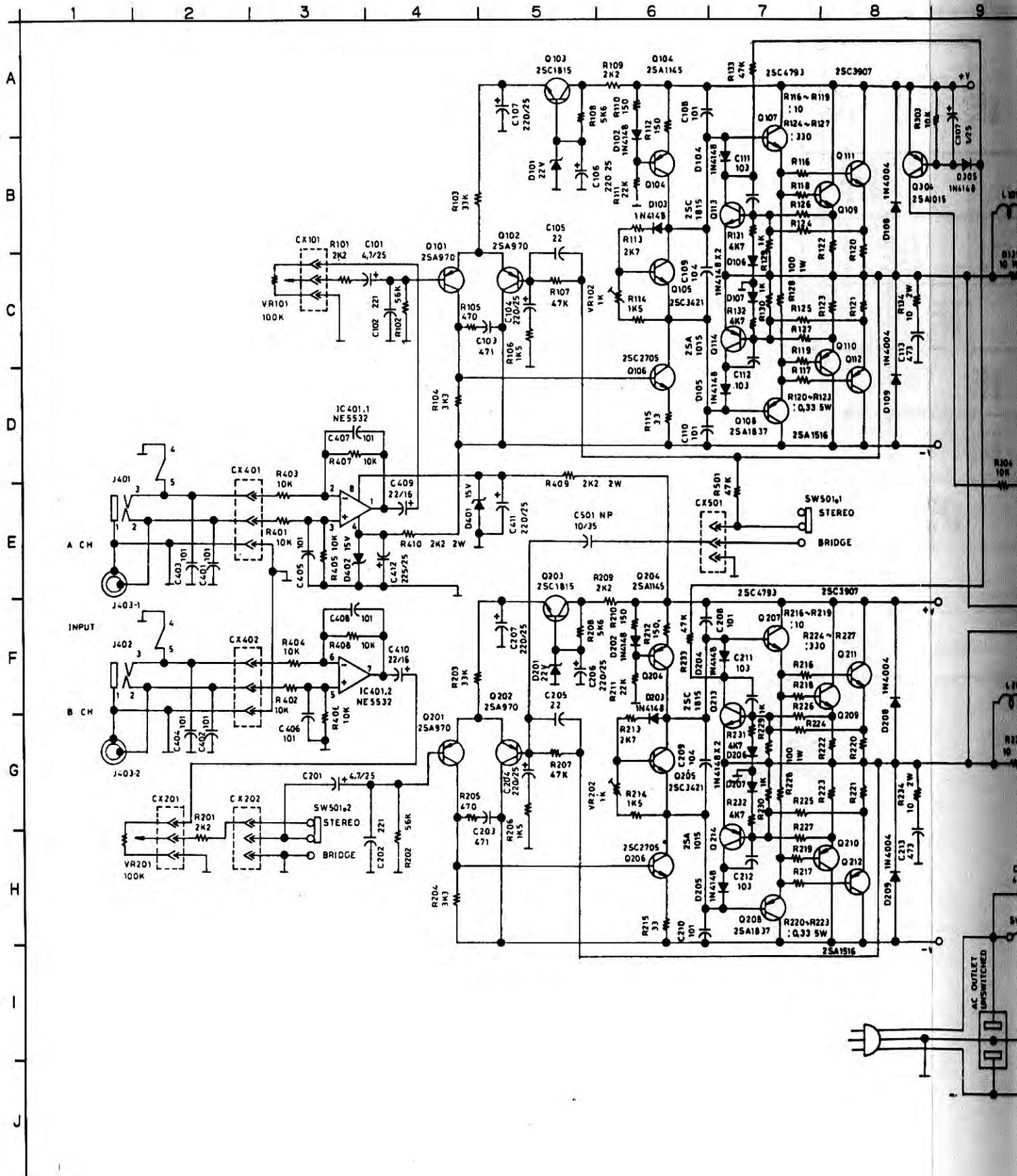


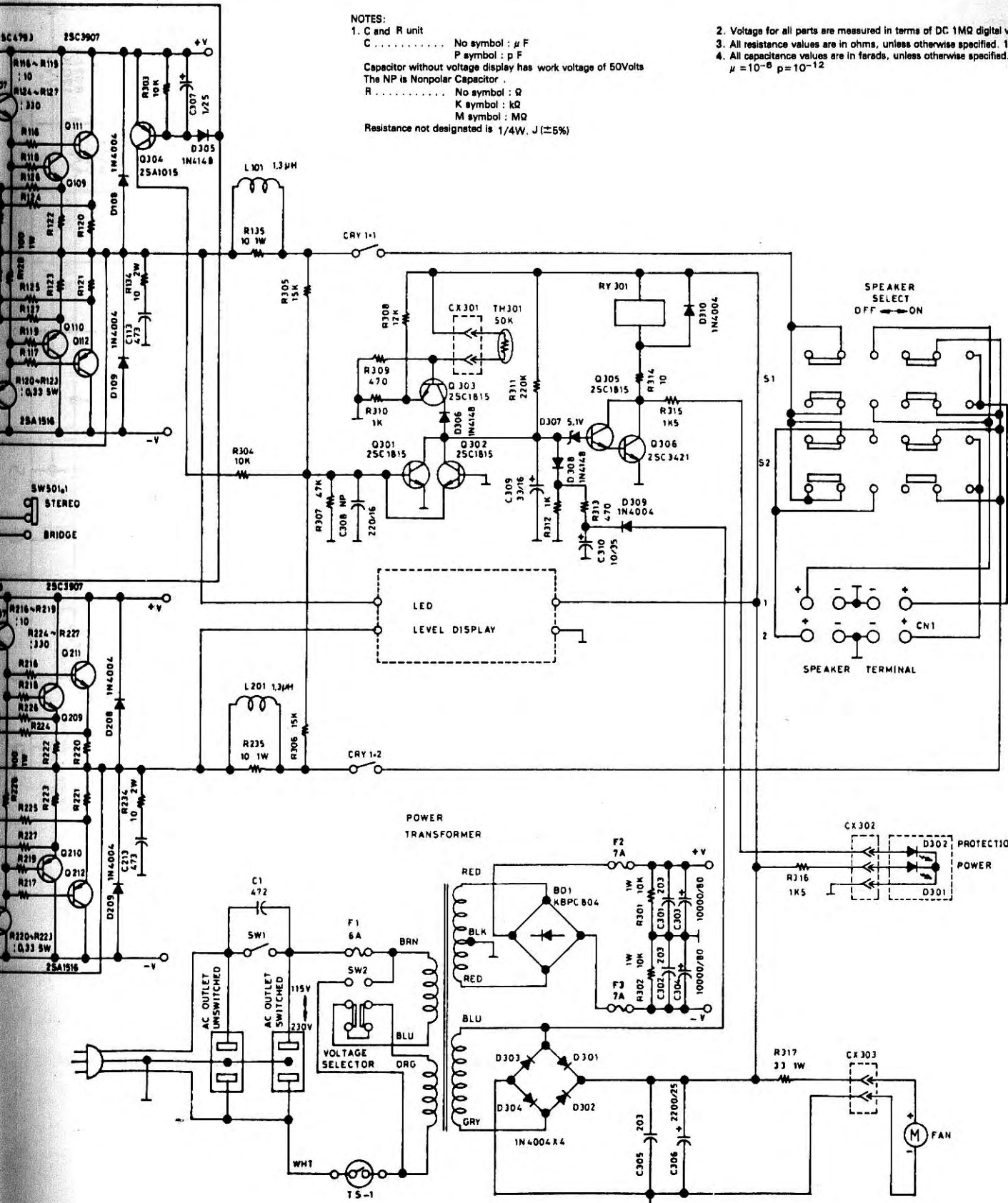
12
11
10
9
8
7
6
5
4
3
2
1
A B C D E F G



IC 501
TA62083AP
CX 501
CX 502
R501 1K 1/2W
R502 1K 1/2W
R503 100K
R504 100K
R505 22K
R506 22K
R507 2K4
R508 2K4
R509 22K
R510 22K
R511 4K7
R512 4K7
R513 15K
R514 15K
R515 100K
R516 100K
R517 22K
R518 22K
R519 100K
R520 100K
R521 120K
R522 120K
R523 1K
R524 1K
R525 1K
R526 1K
R527 1K
R528 1K
R529 1K
R530 1K
C501 10/35
C502 10/35
C503 4.7/35
C504 4.7/35
D501 1N4148
D502 1N4148
D503 1N4148
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D509
D510
D511
D512
L, INO
R, INO
GND
NC

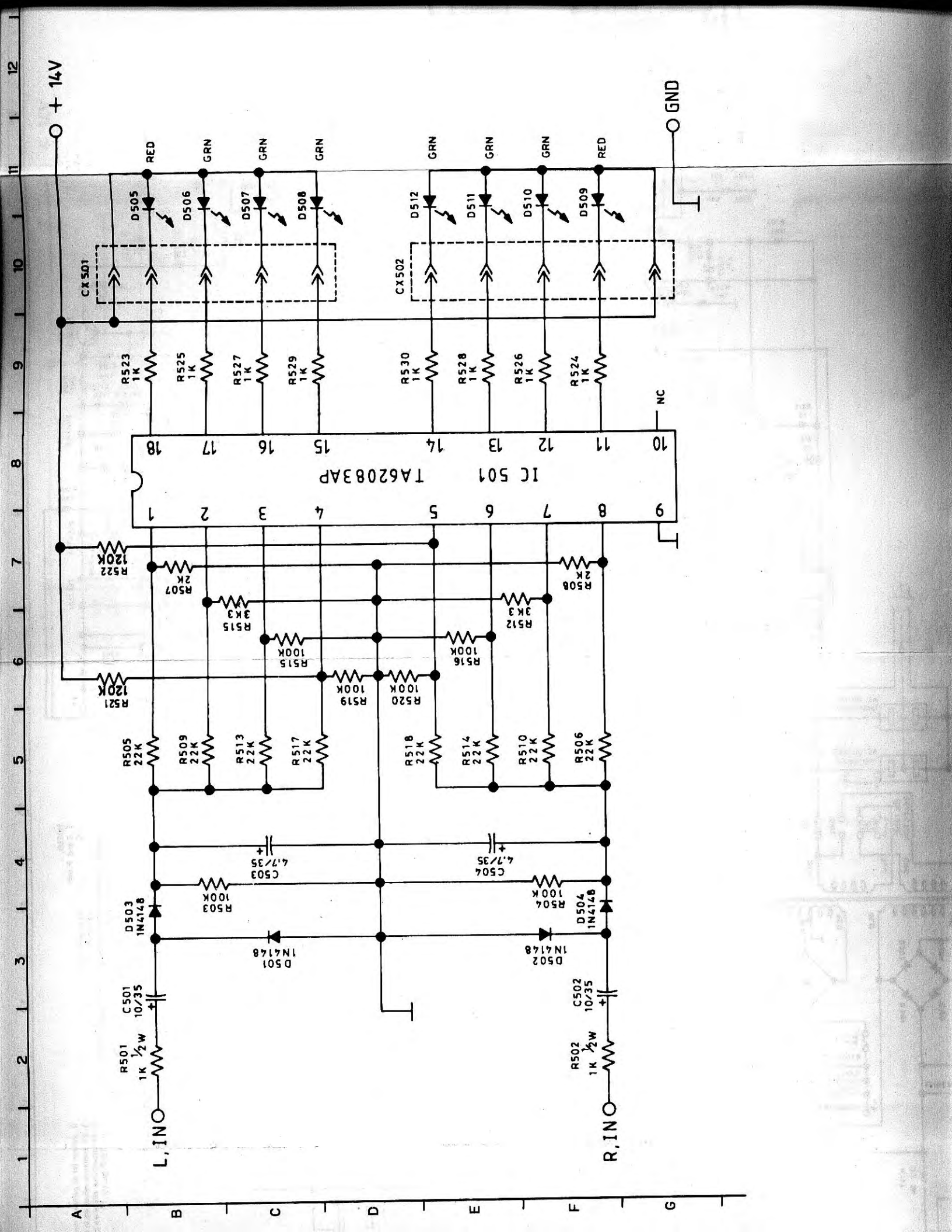
SCHEMATIC DIAGRAM(XG-1750)



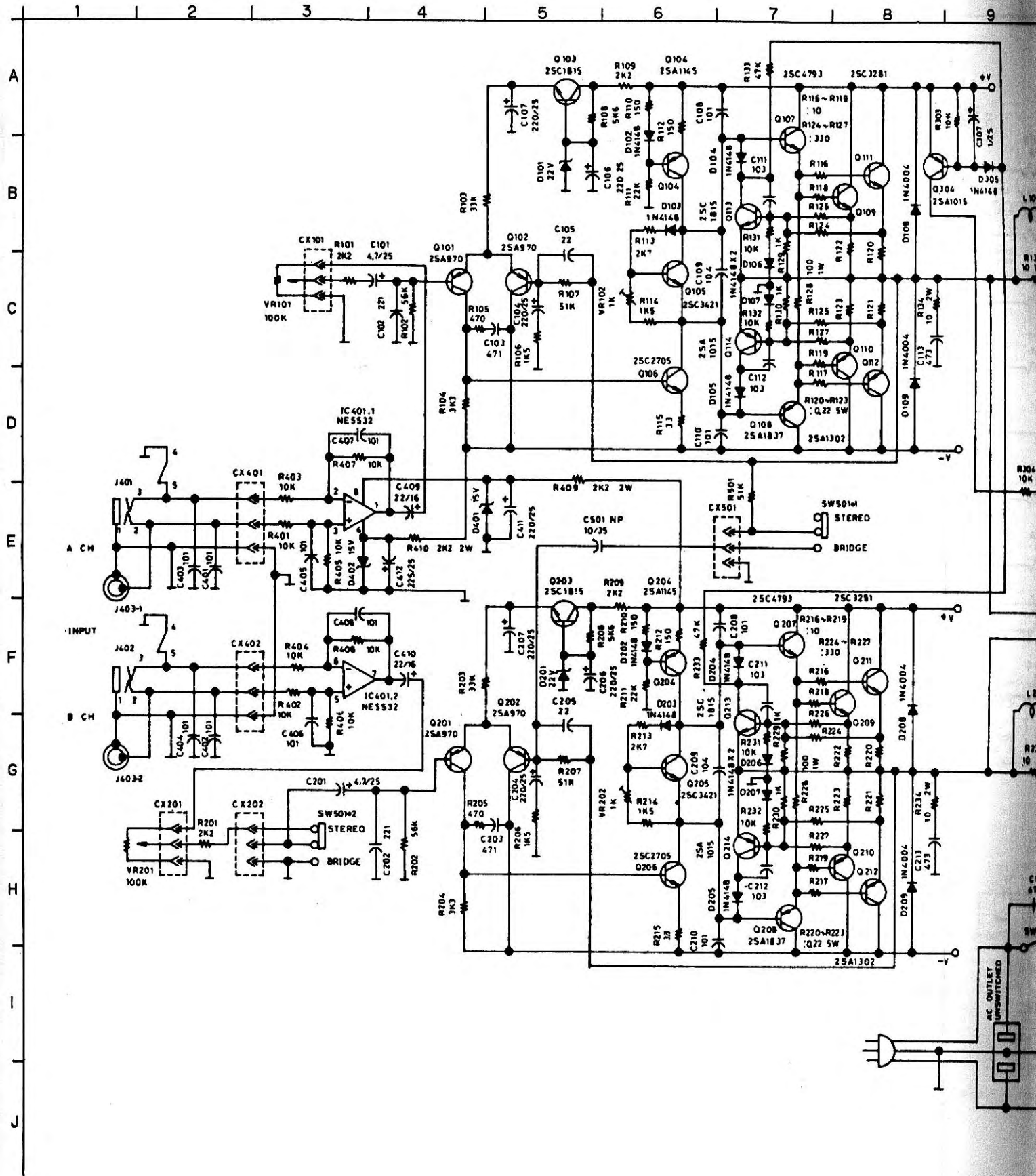


NOTES:
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 Capacitor without voltage display has work voltage of 50Volts
 The NP is Nonpolar Capacitor
 R No symbol : Ω
 K symbol : k Ω
 M symbol : M Ω
 Resistance not designated is 1/4W, J (\pm 5%)

2. Voltage for all parts are measured in terms of DC 1M Ω digital voltmeter.
 3. All resistance values are in ohms, unless otherwise specified. 1K=1000
 4. All capacitance values are in farads, unless otherwise specified.
 $\mu = 10^{-6}$ p = 10^{-12}



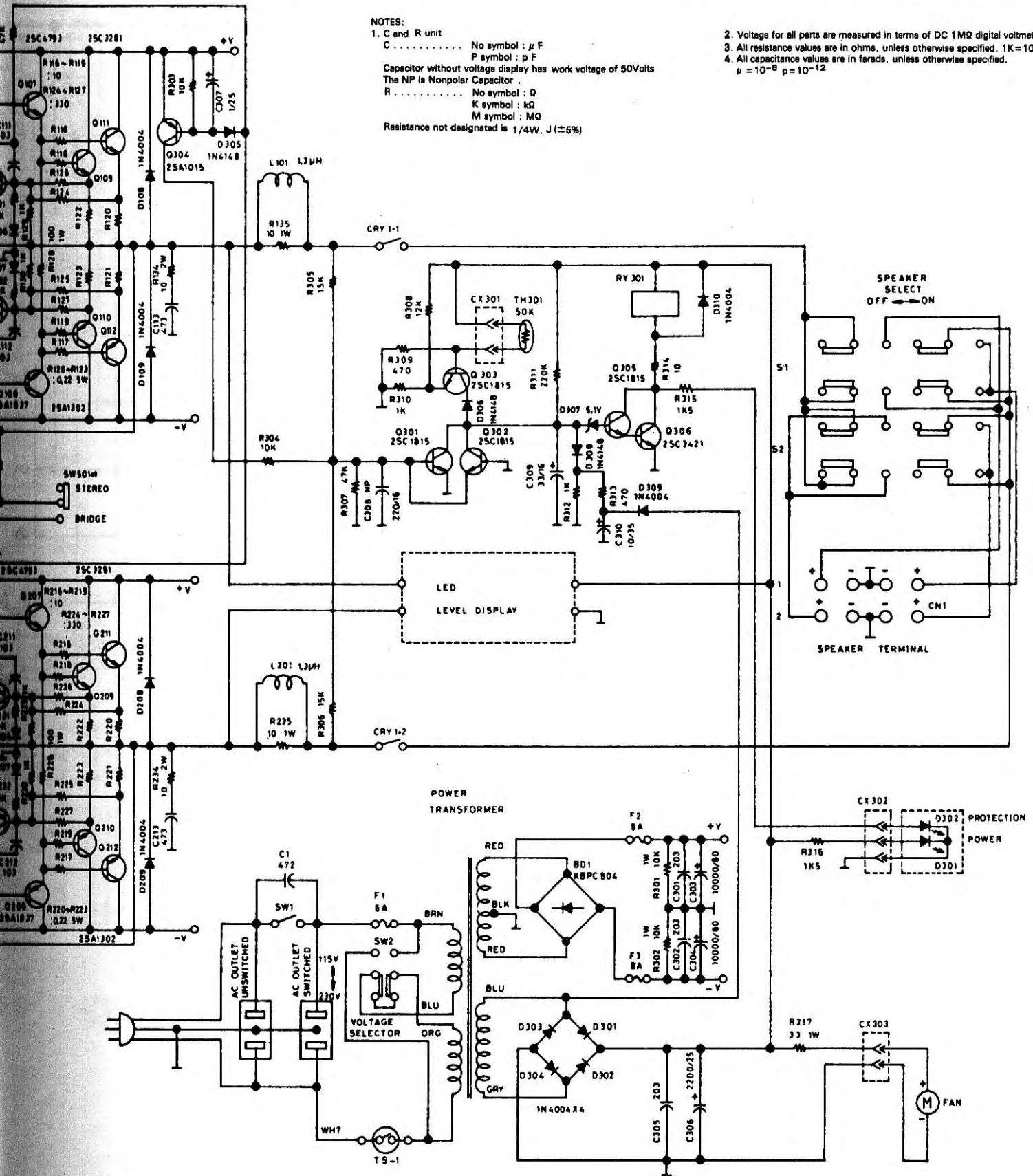
SCHEMATIC DIAGRAM(XG-2000)

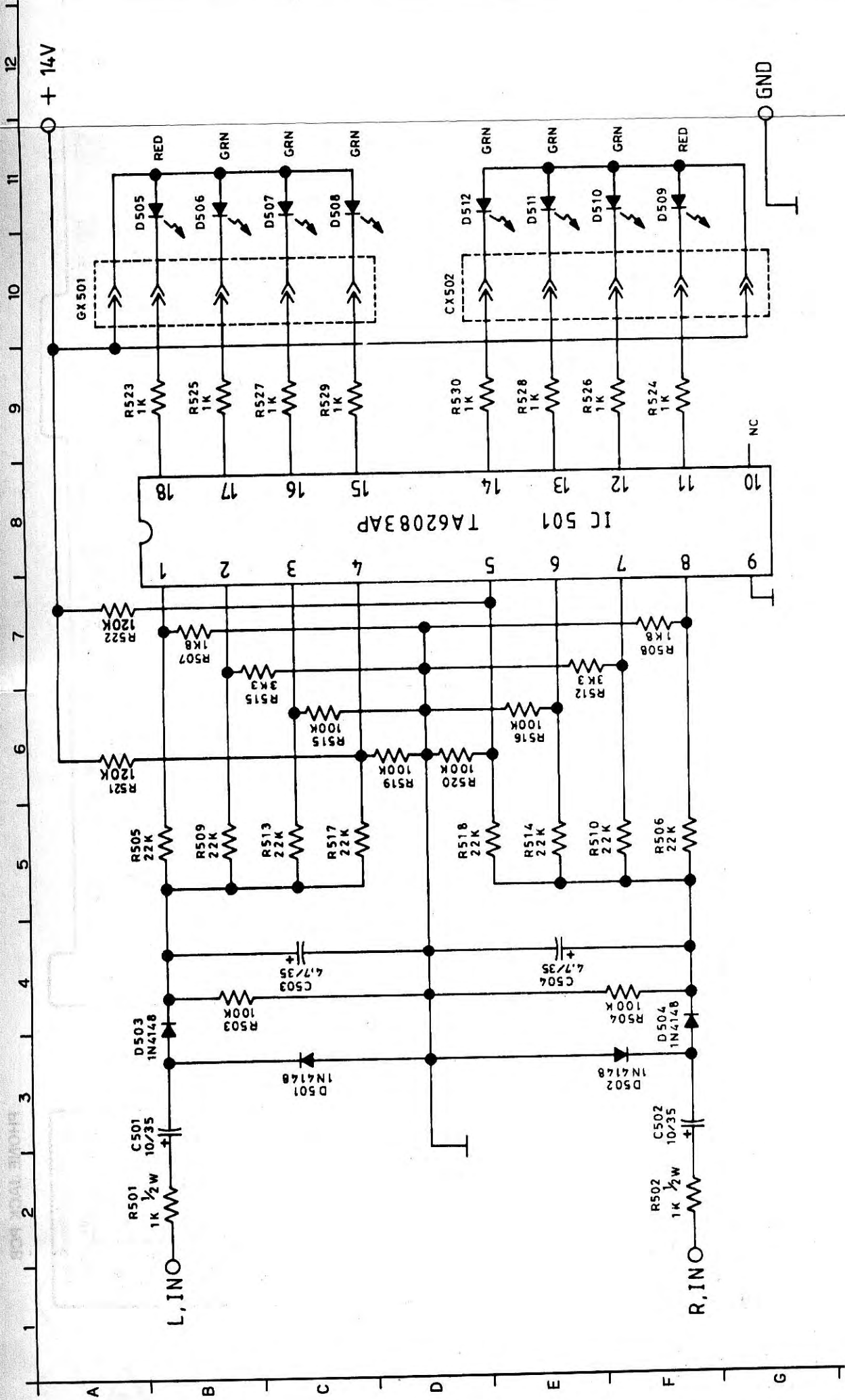


NOTES:

1. C and R unit
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 - P symbol : p F
 - Capacitor without voltage display has work voltage of 50Volts
 - The NP is Nonpolar Capacitor .
 - R No symbol : Ω
 - K symbol : k Ω
 - M symbol : M Ω
- Resistance not designated is 1/4W. J ($\pm 5\%$)

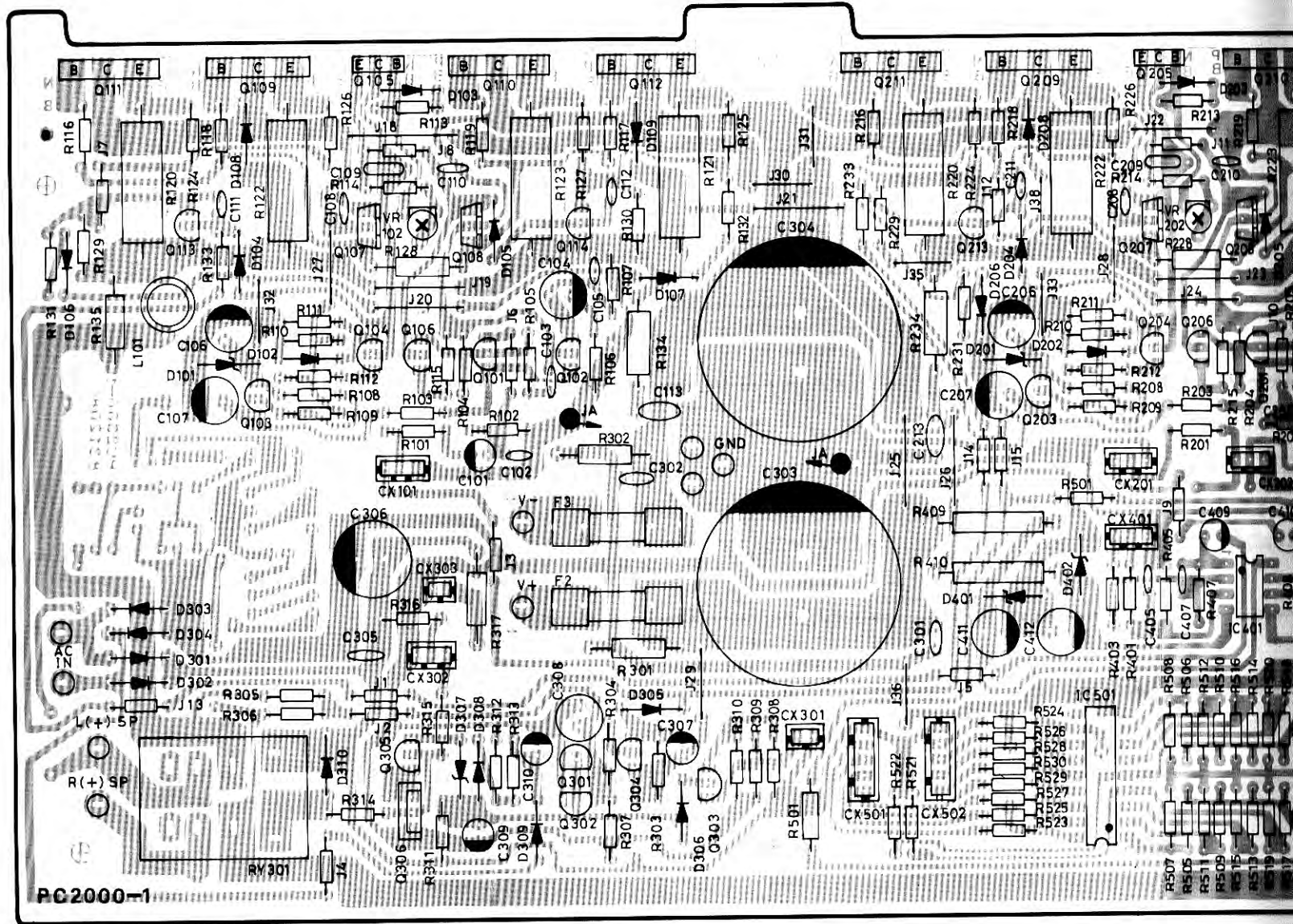
2. Voltage for all parts are measured in terms of DC 1M Ω digital voltmeter.
 3. All resistance values are in ohms, unless otherwise specified. 1K=1000
 4. All capacitance values are in farads, unless otherwise specified.
- $\mu = 10^{-6}$ p = 10^{-12}



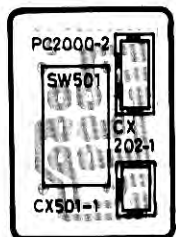


PRINTED CIRCUIT BOARDS

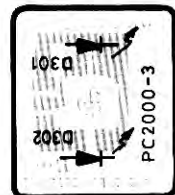
MAIN PCB



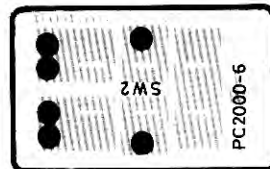
SLIDE SWITCH PCB



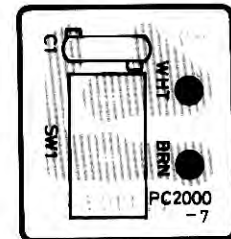
POWER LED PCB

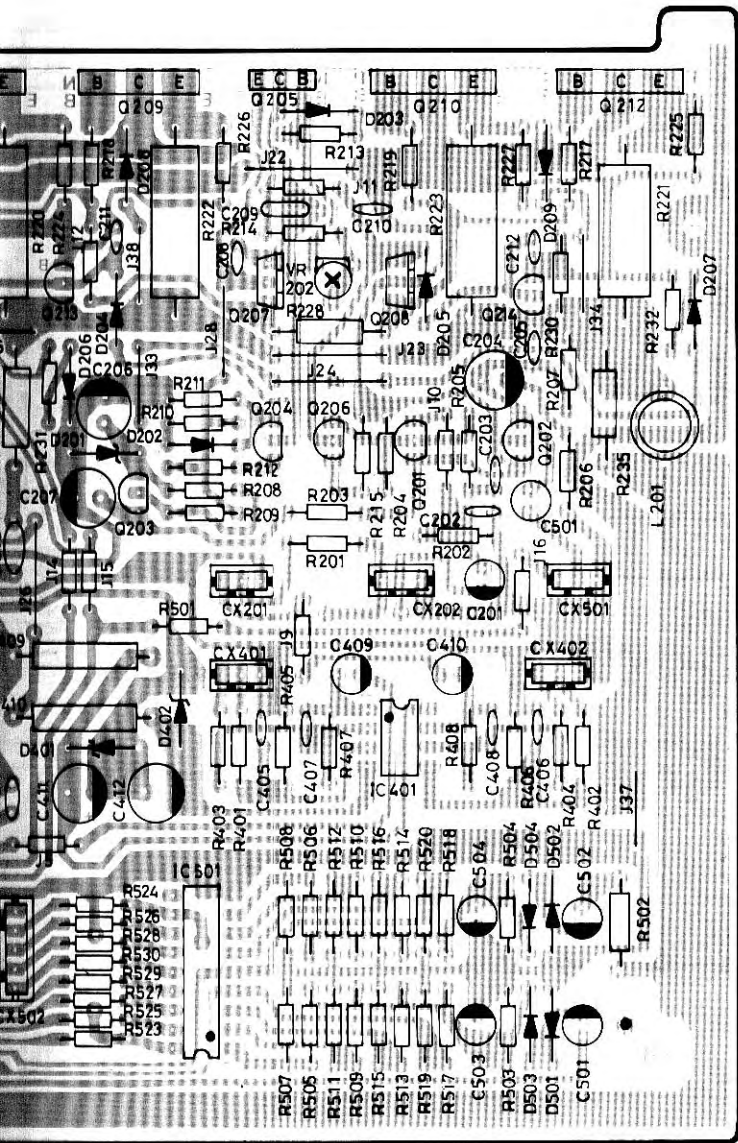


VOLTAGE SELECTOR PCB

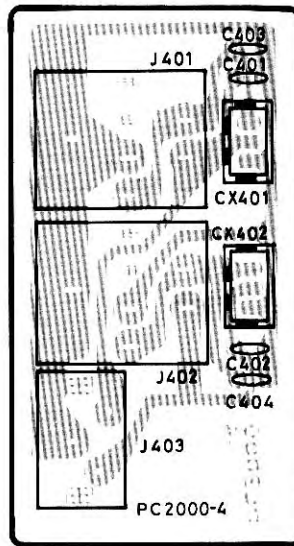


POWER SWITCH PCB

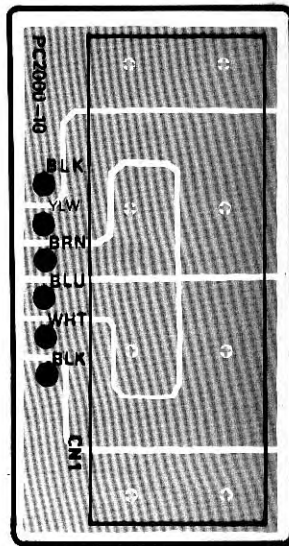




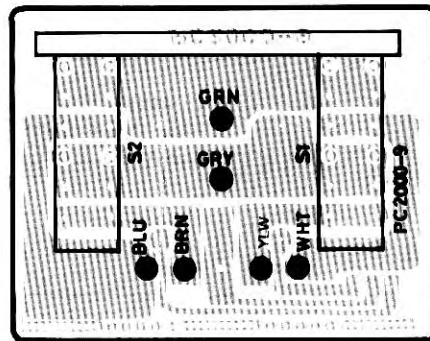
PHONE JACK PCB



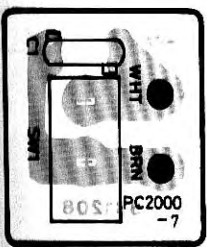
SPEAKER TERMINAL PCB



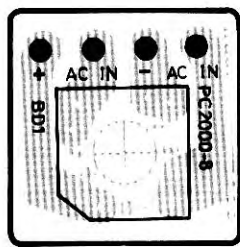
PUSH SWITCH PCB



POWER SWITCH PCB



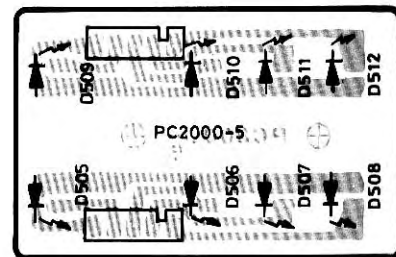
RECTIFIER PCB



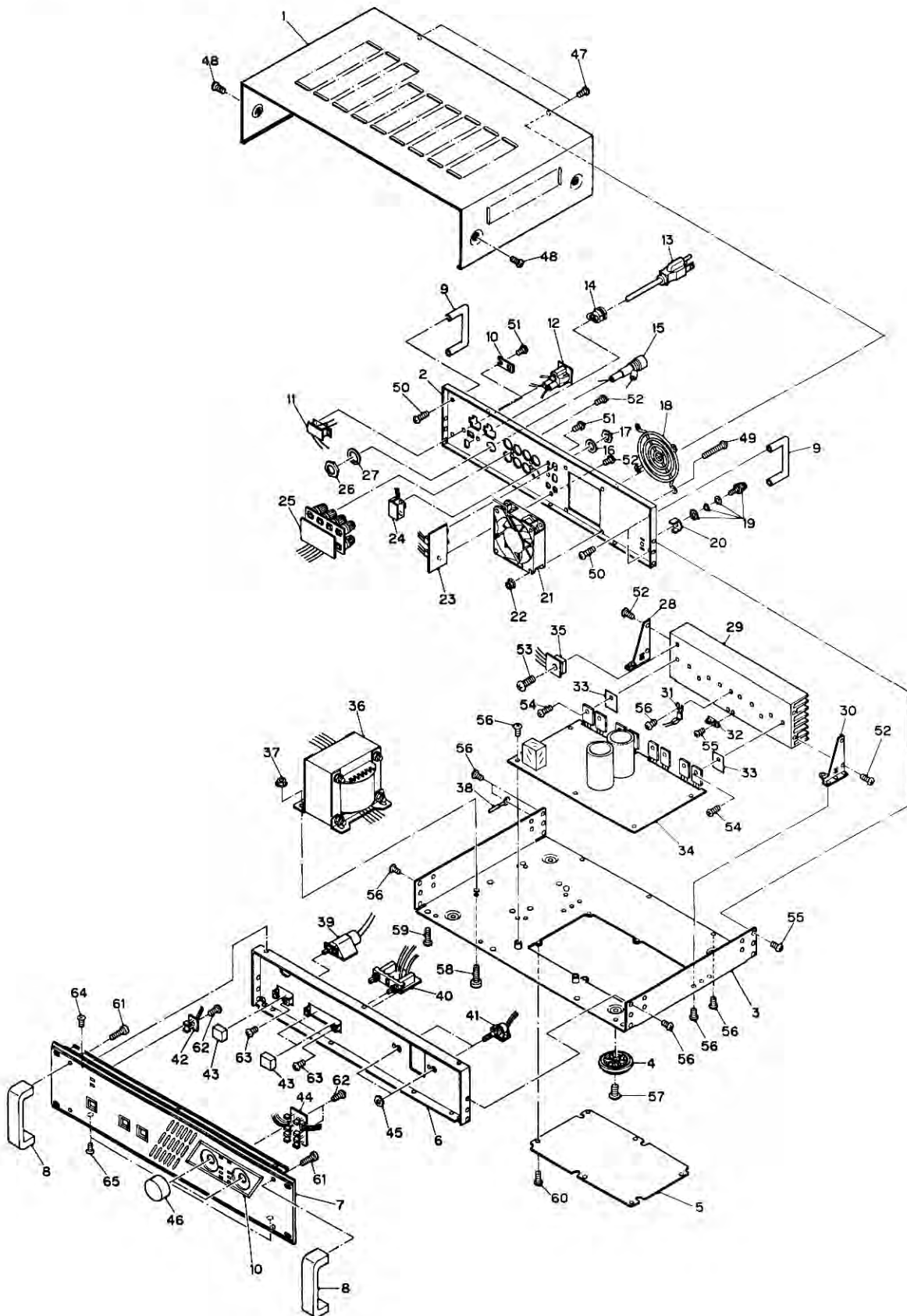
VOL VR PCB



LEVEL LED PCB



**EXPLODED VIEW OF CABINET
(XG-2000/XG-1750/XG-1100)**



CABINET PARTS LIST

| Symbol No. | Parts No. | Description |
|------------|-----------|-------------------------------------------|
| 1 | 021-131 | TOP COVER (XG-1750/XG-2000) |
| 1 | 021-136 | TOP COVER (XG-1100) |
| 2 | 021-820 | REAR PLATE(XG-2000) |
| 2 | 021-824 | REAR PLATE (XG-1750) |
| 2 | 021-823 | REAR PLATE (XG-1100) |
| 3 | 021-216 | BOTTOM COVER |
| 4 | 049-192 | FOOT RUBBER |
| 5 | 021-133 | COVER |
| 6 | 021-721 | VR BRACKER (XG-2000/XG-1750) |
| 6 | 021-723 | VR BRACKER (XG-1100) |
| 7 | 002-095 | FRONT PANEL (XG-2000) |
| 7 | 002-098 | FRONT PANEL (XG-1750) |
| 7 | 002-097 | FRONT PANEL (XG-1100) |
| 8 | 041-210 | HANDLE (XG-2000/XG-1750) |
| 8 | 041-211 | HANDLE(XG-1100) |
| 9 | 022-266 | PROTECTOR FOR REAR PANEL (HANDLE) |
| 10 | 002-096 | ORNAMENT |
| 11 | 081-026 | SLIDE SWITCH(SL13B-022(M3)) |
| 12 | 092-082 | 3P AC OUTLET (AC-011) |
| 13 | 093-311 | AC CORD (U.S.A. ,CANADA) |
| 13 | 093-355 | AC CORD (EUROPE) |
| 14 | 049-187 | STRAIN RELIEF BUSHING |
| 15 | 047-529 | FUSE HOLDER(CQ-207A) |
| 16 | | WASTER |
| 17 | | NUT |
| 18 | 022-842 | METAL FAN GUARDS |
| 19 | 146-706 | GROUND SCREW |
| 20 | 022-292 | GROUND PLATE |
| 21 | 001-604 | DC FAN (D80SM-12A(LOW)) |
| 22 | 131-074 | K NUT |
| 23 | 092-081 | PHONE JACK |
| 24 | 081-020 | SLIDE SWITCH |
| 25 | 161-108 | 8P SPEAKER TERMINAL |
| 26 | | NUT |
| 27 | | WASTER |
| 28 | 022-841 | BRACKER HOLDER-LEFT |
| 29 | 041-019 | HEAT SINK FOR TR(POWER) |
| 30 | 022-840 | BRACKER HOLDER-RIGHT |
| 31 | | THERMISTOR |
| 32 | 022-315 | HOLDER |
| 33 | | MICA WASHER(AC-263) (XG-2000 ,XG-1100) |
| 33 | | MICA WASHER(AC-238) (XG-1750) |
| 34 | 162-659 | MAIN PCB |
| 35 | 162-666 | RECTIFIER PCB |
| 36 | 059-142 | POWER TRANSFORMER (XG-2000) |
| 36 | 059-144 | POWER TRANSFORMER (XG-1750) |
| 36 | 059-143 | POWER TRANSFORMER (XG-1100) |
| 37 | 131-074 | K NUT |
| 38 | 093-342 | GROUNG RING TONGUE |
| 39 | 083-066 | POWER SWITCH (PC2000-7) |
| 40 | 083-072 | PUSH SWITCH (PC2000-9) |
| 41 | 162-670 | VOL VR PCB(PC2000-12) |
| 42 | 162-661 | POWER LED PCB |
| 43 | 002-499 | PUSH KNOB |
| 44 | 162-663 | LEVEL LED PCB(PC2000-5) |
| 45 | | NUT |
| 46 | 003-080 | ROTARY KNOB |
| 47 | 111-046 | SCREW(BTS-3 3X6) |
| 48 | 111-045 | SCREW(BTS-3 4X8) |
| 49 | 106-010 | SCREW(TMS M4X35) |
| 50 | 102-117 | SCREW(M 5X12) |

PARTS LIST

| Symbol No. | Parts No. | Description |
|------------|-----------|-------------------------------|
| 51 | 111-046 | SCREW(BTS-3 3X6) |
| 52 | 110-031 | SCREW(PTS-2 3X8) |
| 53 | 111-031 | SCREW(BTS-3 3X12) |
| 54 | 111-044 | SCREW(BTS-3 3X10) |
| 55 | 102-028 | SCREW(M2.6X5) |
| 56 | 111-046 | SCREW(BTS-3 3X6) |
| 57 | 110-150 | SCREW(PTSS-2 3X8) |
| 58 | 107-022 | SCREW(M4X15) |
| 59 | 111-044 | SCREW(BTS-3 3X10) |
| 60 | 111-046 | SCREW(BTS-3 3X6) |
| 61 | 102-105 | SCREW(M4X12) |
| 62 | 110-172 | SCREW(BTS-2 3X8) |
| 63 | 111-044 | SCREW(BTS-3 3X6) |
| 64 | 111-043 | SCREW(FTS-3 3X6) |
| 65 | 111-044 | SCREW(BTS-3 3X10) |
| Diodes | | |
| D101 | 079-037 | ZENER DIODE MTZ22B |
| D102 | 079-003 | SILICON DIODE IN4148 |
| D103 | 079-003 | SILICON DIODE IN4148 |
| D104 | 079-003 | SILICON DIODE IN4148 |
| D106 | 079-003 | SILICON DIODE IN4148 |
| D107 | 079-003 | SILICON DIODE IN4148 |
| D108 | 079-034 | RECTIFIER DIODE IN4004 |
| D109 | 079-034 | RECTIFIER DIODE IN4004 |
| D201 | 079-037 | ZENER DIODE MTZ22B |
| D202 | 079-003 | SILICON DIODE IN4148 |
| D203 | 079-003 | SILICON DIODE IN4148 |
| D204 | 079-003 | SILICON DIODE IN4148 |
| D205 | 079-003 | SILICON DIODE IN4148 |
| D206 | 079-003 | SILICON DIODE IN4148 |
| D207 | 079-003 | SILICON DIODE IN4148 |
| D208 | 079-034 | RECTIFIER DIODE IN4004 |
| D209 | 079-034 | RECTIFIER DIODE IN4004 |
| D301 | 079-034 | RECTIFIER DIODE IN4004 |
| D302 | 079-034 | RECTIFIER DIODE IN4004 |
| D303 | 079-034 | RECTIFIER DIODE IN4004 |
| D304 | 079-034 | RECTIFIER DIODE IN4004 |
| D305 | 079-003 | SILICON DIODE IN4148 |
| D306 | 079-003 | SILICON DIODE IN4148 |
| D307 | 079-035 | ZENER DIODE MTZ5.1B |
| D308 | 079-003 | SILICON DIODE IN4148 |
| D309 | 079-034 | RECTIFIER DIODE IN4004 |
| D310 | 079-034 | RECTIFIER DIODE IN4004 |
| D401 | 079-018 | ZENER DIODE MTZ15B |
| D402 | 079-018 | ZENER DIODE MTZ15B |
| D501 | 079-003 | SILICON DIODE IN4148 |
| D502 | 079-003 | SILICON DIODE IN4148 |
| D503 | 079-003 | SILICON DIODE IN4148 |
| D504 | 079-003 | SILICON DIODE IN4148 |
| D505 | 080-082 | LED(RED) R5139-T |
| D506 | 080-084 | LED(GREEN) R2139-T |
| D507 | 080-084 | LED(GREEN) R2139-T |
| D508 | 080-084 | LED(GREEN) R2139-T |
| D509 | 080-082 | LED(RED) R5139-T |
| D510 | 080-084 | LED(GREEN) R2139-T |
| D511 | 080-084 | LED(GREEN) R2139-T |
| D512 | 080-084 | LED(GREEN) R2139-T |
| D301 | 080-084 | LED(GREEN) R2139-T (PC2000-3) |
| D302 | 080-082 | LED(RED) R5139-T (PC2000-3) |
| BD1 | 086-019 | BRIDGE RECTIFIER KBPC804W |

| Symbol No. | Part s No. | Description |
|------------------|--------------------|-------------------------------------|
| ICs | | |
| IC401 IC501 | 074-085 074-117 | IC NJM5532D IC TD62083AP |
| Transistors | | |
| Q101 | 076-031 | 2SA970(GR) |
| Q102 | 076-031 | 2SA970(GR) |
| Q103 | 076-002 | 2SC945(P) |
| Q104 | 076-101 | 2SA1145(Y) |
| Q105 | 076-074 | 2SC3421(Y) |
| Q106 | 076-102 | 2SC2705(Y) |
| Q107 | 076-100 | 2SC4793 |
| Q108 | 076-099 | 2SA1837 |
| Q109 | 076-098 | 2SC3281(O) (XG-2000 , XG-1100) |
| Q109 | 076-057 | 2SC3907(O) (XG-1750) |
| Q110 | 076-097 | 2SA1302(O) (XG-2000 , XG-1100) |
| Q110 | 076-056 | 2SA1516(O) (XG-1750) |
| Q111 | 076-098 | 2SC3281(O) (XG-2000) |
| Q111 | 076-057 | 2SC3907(O) (XG-1750) |
| Q112 | 076-097 | 2SA1302(O) (XG-2000) |
| Q112 | 076-056 | 2SA1516(O) (XG-1750) |
| Q113 | 076-002 | 2SC945(P) |
| Q114 | 076-020 | 2SA733(P) |
| Q201 | 076-031 | 2SA970(GR) |
| Q202 | 076-031 | 2SA970(GR) |
| Q203 | 076-002 | 2SC945(P) |
| Q204 | 076-101 | 2SA1145(Y) |
| Q205 | 076-074 | 2SC3421(Y) |
| Q206 | 076-102 | 2SC2705(Y) |
| Q207 | 076-100 | 2SC4793 |
| Q208 | 076-099 | 2SA1837 |
| Q209 | 076-098 | 2SC3281(O) (XG-2000 , XG-1100) |
| Q209 | 076-057 | 2SC3907(O) (XG-1750) |
| Q210 | 076-097 | 2SA1302(O) (XG-2000 , XG-1100) |
| Q210 | 076-056 | 2SA1516(O) (XG-1750) |
| Q211 | 076-098 | 2SC3281(O) (XG-2000) |
| Q211 | 076-057 | 2SC3907(O) (XG-1750) |
| Q212 | 076-097 | 2SA1302(O) (XG-2000) |
| Q212 | 076-056 | 2SA1516(O) (XG-1750) |
| Q213 | 076-002 | 2SC945(P) |
| Q214 | 076-020 | 2SA733(P) |
| Q301 | 076-002 | 2SC945(P) |
| Q302 | 076-002 | 2SC945(P) |
| Q303 | 076-002 | 2SC945(P) |
| Q304 | 076-020 | 2SA733(P) |
| Q305 | 076-002 | 2SC945(P) |
| Q306 | 076-074 | 2SC3421(Y) |
| Electrical Parts | | |
| S1 | 083-074 | SPK SW PUSH SWITCH SPUN24A002-CE |
| S2 | 083-074 | SPK SW PUSH SWITCH SPUN24A002-CE |
| SW1 | 083-096 | POWER SWITCH TV5 SFDLBIIE7U-CE |
| VR101 | 071-096 | VR RK 163111R650-100KB(CE) |
| VR102 | 073-016 | SEMI FIXED VR 6-550-51K(B)60 |
| VR201 | 071-096 | VR RK 163111R 650-100KB(CE) |
| VR202 | 073-016 | SEMI FIXED VR 6-550-51K(B)60 |
| RY301 | 086-512 | RELAY SRET-202DP |

| Symbol No. | Part s No. | Description |
|------------|------------|-------------------------|
| CN1 | 161-108 | 8P SPEAKER TERMINAL |
| J401 | 092-081 | φ6.3 PHONE JACK RPJ-06 |
| J402 | 092-081 | φ6.3 PHONE JACK RPJ-06 |
| J403 | 161-083 | 2P RCA JACK |
| Packing | | |
| 101 | 153-143 | POLYFORM(K-PL-001-00) |
| 102 | 157-685 | OWNER'S MANUAL(XG-1100) |
| 102 | 157-686 | OWNER'S MANUAL(XG-1750) |
| 102 | 157-682 | OWNER'S MANUAL(XG-2000) |
| 103 | 157-802 | GIFT BOX(XG-1100) |
| 103 | 155-803 | GIFT BOX(XG-1750) |
| 103 | 155-799 | GIFT BOX(XG-2000) |