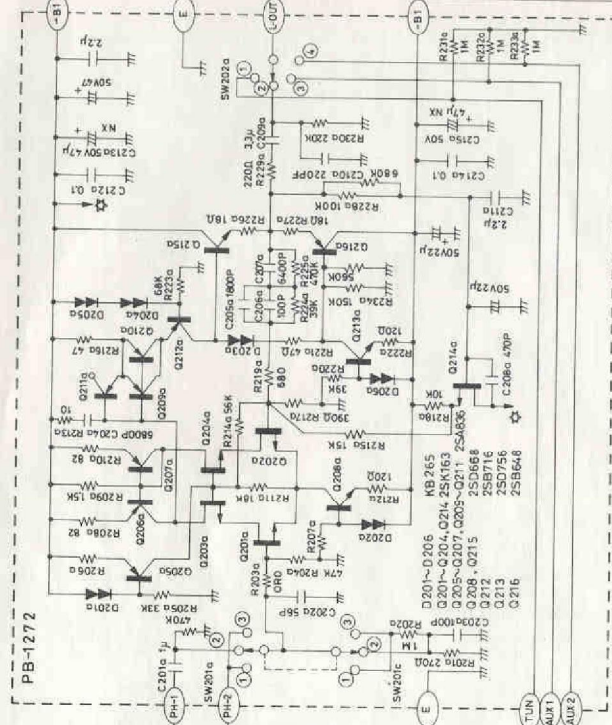


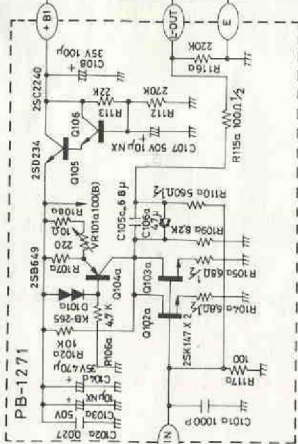
Specifications

- * Power Output:
100 watts minimum continuous per channel both channels driven into 8 ohms load, at any frequency from 20Hz to 20,000Hz with no more than 0.015% total harmonic distortion, no more than 0.015%
(8 ohms, 100W/ch, 60Hz : 7kHz = 4 : 1)
- * Rated I.M.:
- * Input Sensitivity:
phono(MM); 1.5mV
phono(MC-1); 1.5mV [direct to EQ stage]
phono(MC-1); 0.05mV (2 ohms) ~ 0.15mV (40 ohms) tuner; 220mV
aux-1, -2; 220mV
main in; 220mV
- * Input Impedance:
phono(MM); 50k ohms
phono(MC-1); 100 ohms
tuner; 20k ohms
aux-1, -2; 20k ohms
main in; 820k ohms
- Signal-to-Noise Ratio:
(IHF-A wtd, input short-circuited)
phono(MM); better than 80dB
phono(MC-1); better than 80dB
tuner; better than 100dB
aux-1, -2; better than 100dB
main in; better than 100dB
- * Frequency Response:
phono(MM); 20Hz ~ 20,000Hz (± 0.2 dB)
phono(MC-1); 20Hz ~ 20,000Hz (± 0.2 dB)
tuner; 10Hz ~ 100,000Hz (-1dB)
aux-1, -2; 10Hz ~ 100,000Hz (-1dB)
main in; 10Hz ~ 100,000Hz (-1dB)
- * Tone Control:
LUX NF type with turnover frequency selector
Bass Turnover Frequency: 150Hz, 300Hz, 600Hz
Treble Turnover Frequency: 1.5kHz, 3kHz, 6kHz
220mV (impedance: 220 ohms)
- * Preamplifier Output:
Subsonic Filter (15Hz, off, 30Hz), High Cut Filter (9kHz, off, 15kHz), Low-boost Switch (70Hz, off, 150Hz), Tape Monitor Switch, Tape Dubbing & REC. OFF Switch, Speaker Selector Switch, Headphone Jack, Extra AC Outlet
- * Dimensions:
466(W) x 378(D) x 181(H)mm
(18-11/32" x 14-1/2" x 7-1/8")
(including legs, front & rear protrusions)
- * Weight:
Net 15.3 kgs (33.7 lbs.)
Gross 17.0 kgs (37.4 lbs.)

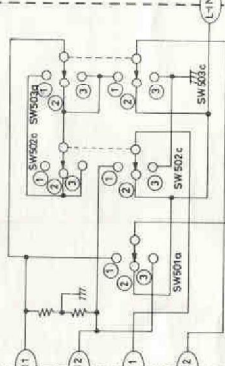
Specifications and appearance design subject to change without notice.



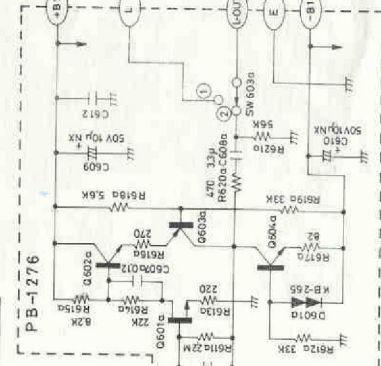
SW201a-d PHONO SELECTOR
 ① PHONO 2 (MM)
 ② PHONO 1 (MC 1)
 ③ PHONO 2 (MC 2)



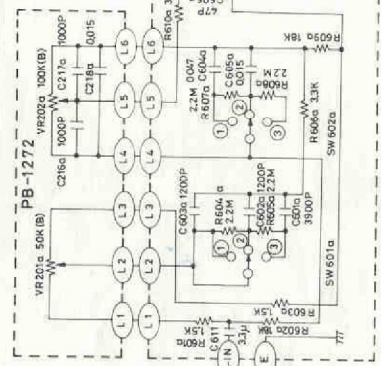
SW501a,b TAPE MONITOR SW502a,b DUBBING
 ① MONITOR 1 ② 1-2 ③ SOURCE
 ④ SOURCE ⑤ SOURCE ⑥ REC. OFF
 ⑦ REC. OFF



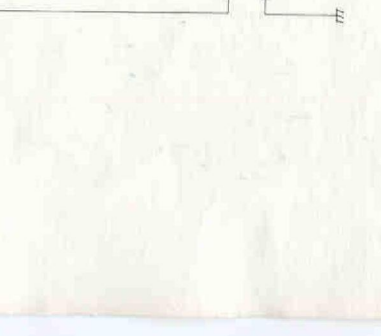
SW501a,b PHONO MONITOR SW502a,b DUBBING
 ① 1-2 ② SOURCE ③ REC. OFF



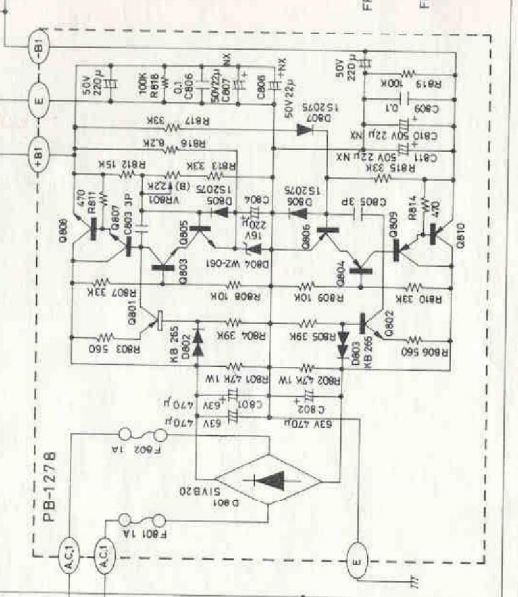
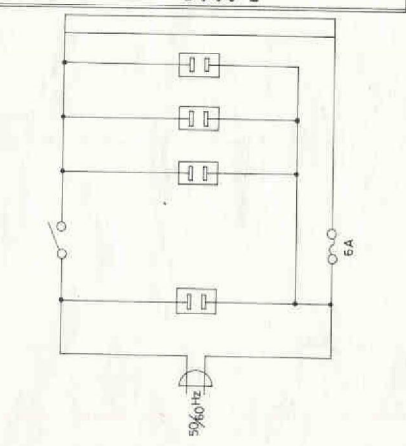
SW601a,b PHONO SELECTOR
 ① 150 HZ
 ② 300 HZ
 ③ 600 HZ



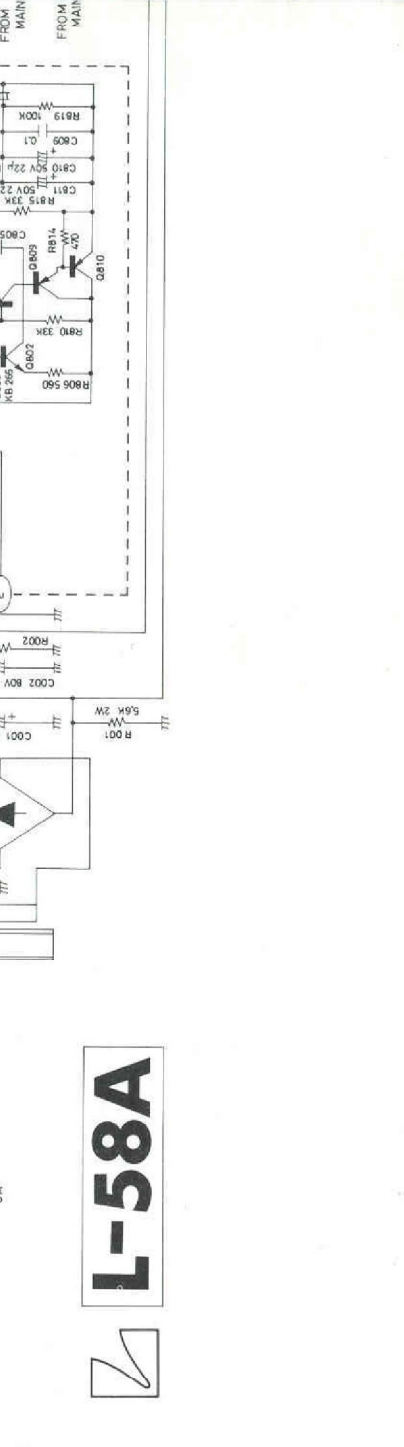
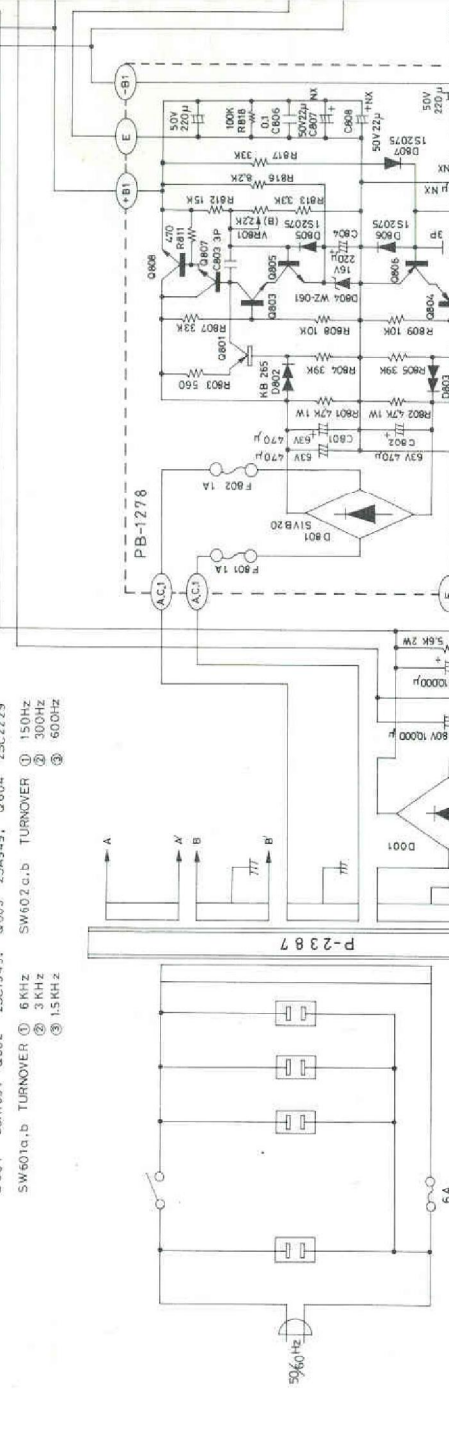
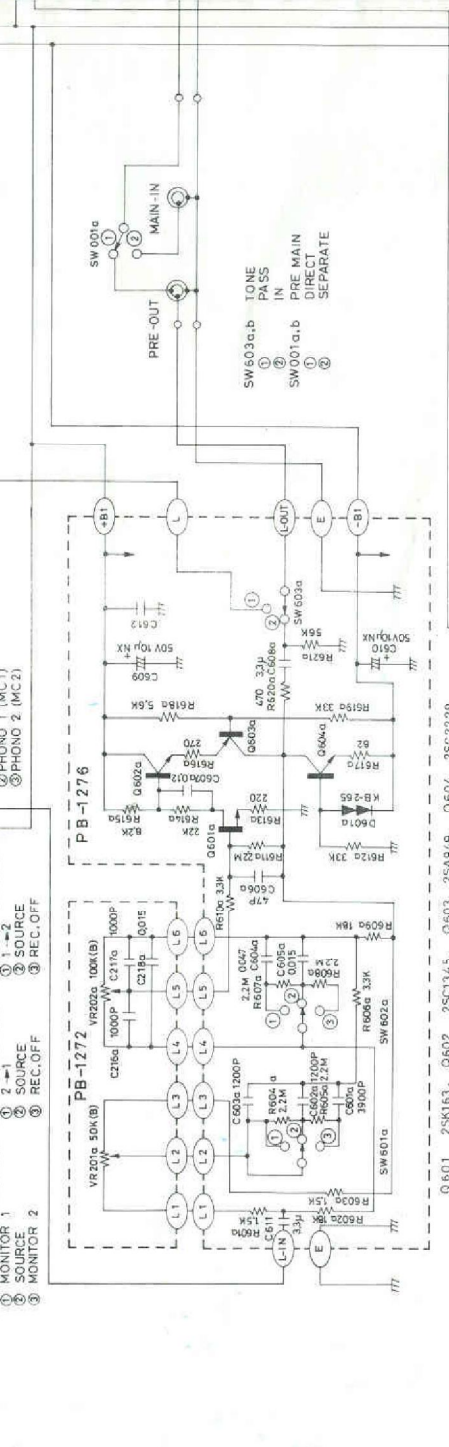
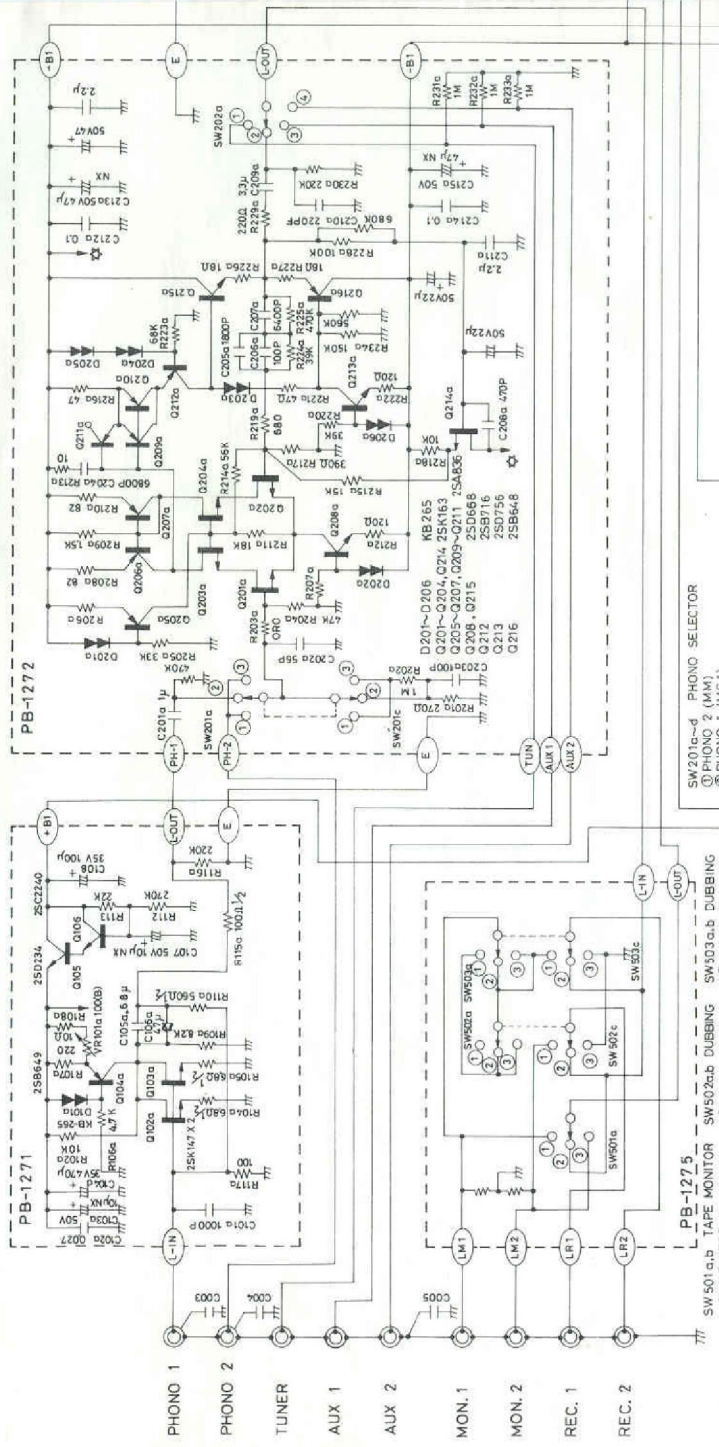
SW601a,b PHONO SELECTOR
 ① 6 KHZ
 ② 3 KHZ
 ③ 1.5 KHZ



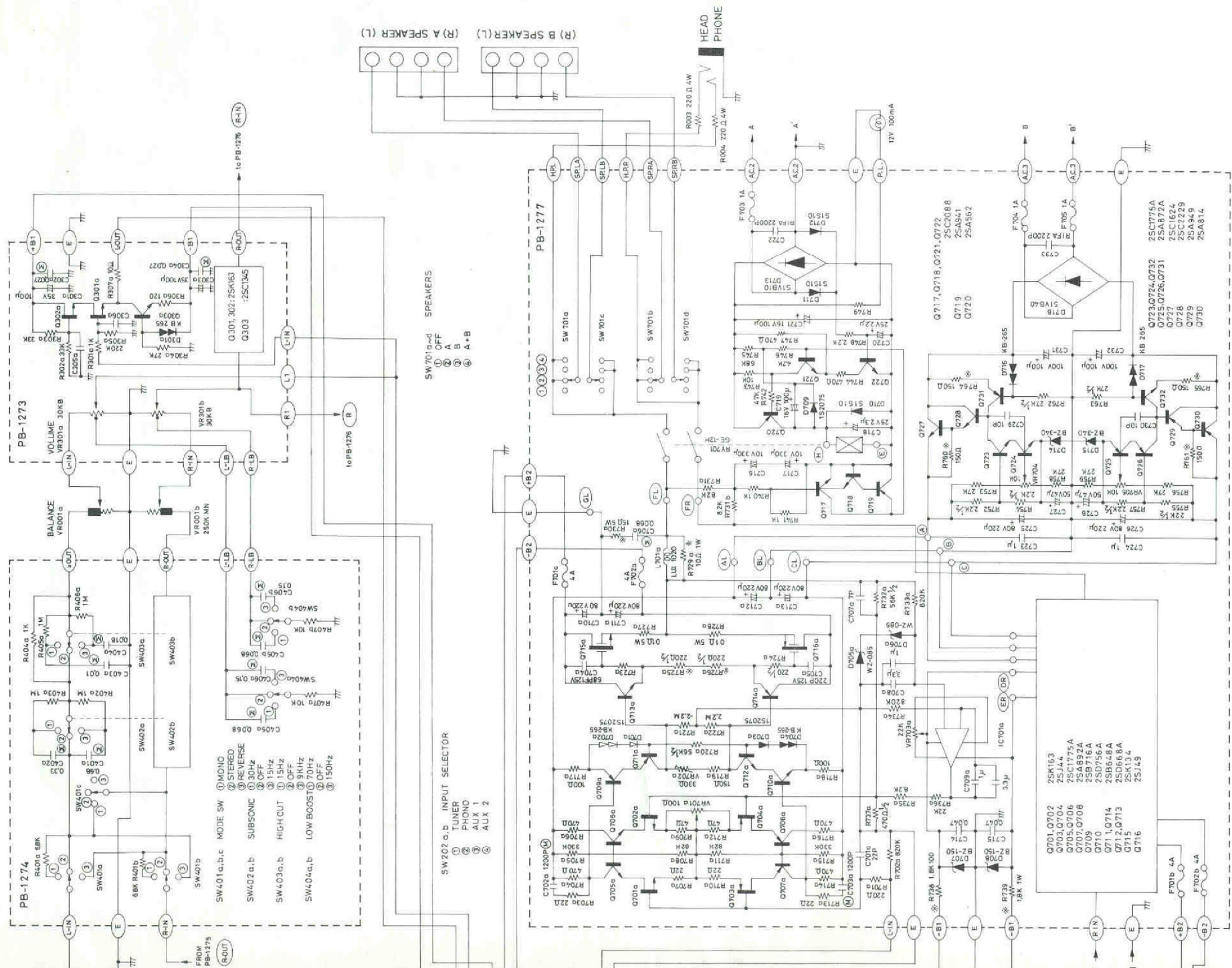
SW601a,b PHONO SELECTOR
 ① 150 HZ
 ② 300 HZ
 ③ 600 HZ

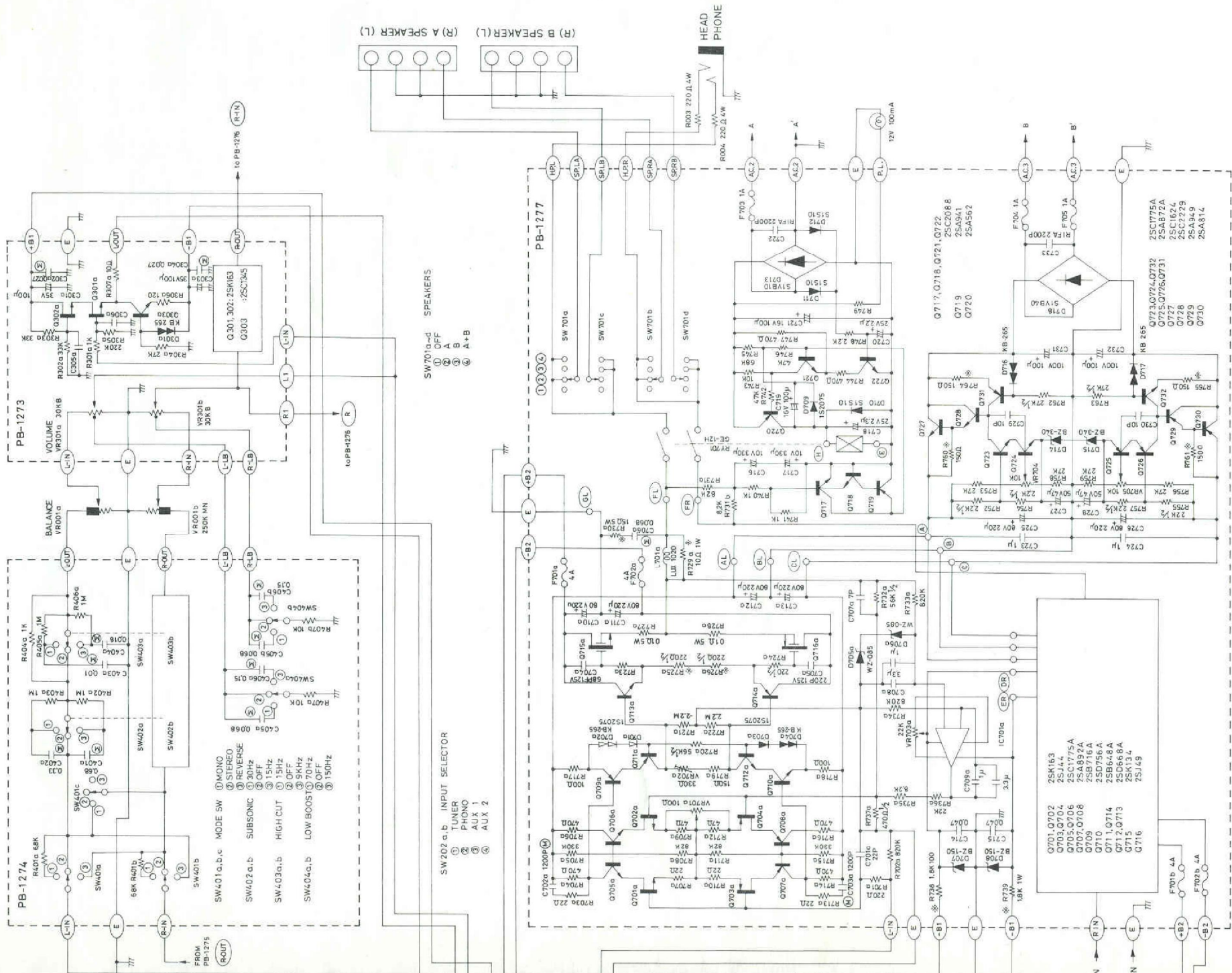


L-58A

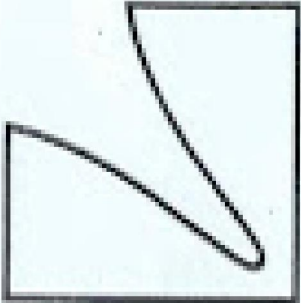


L-58A

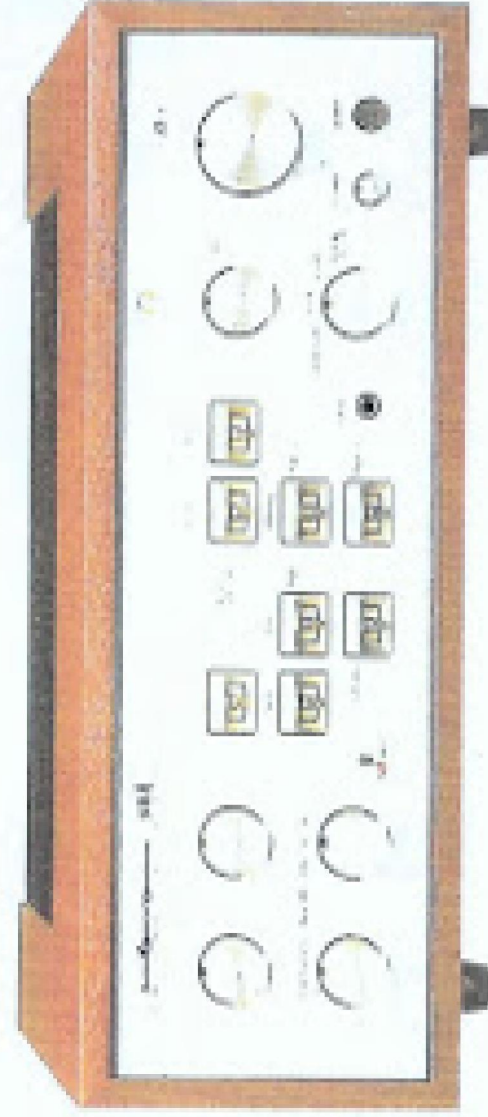




SERVICE MANUAL

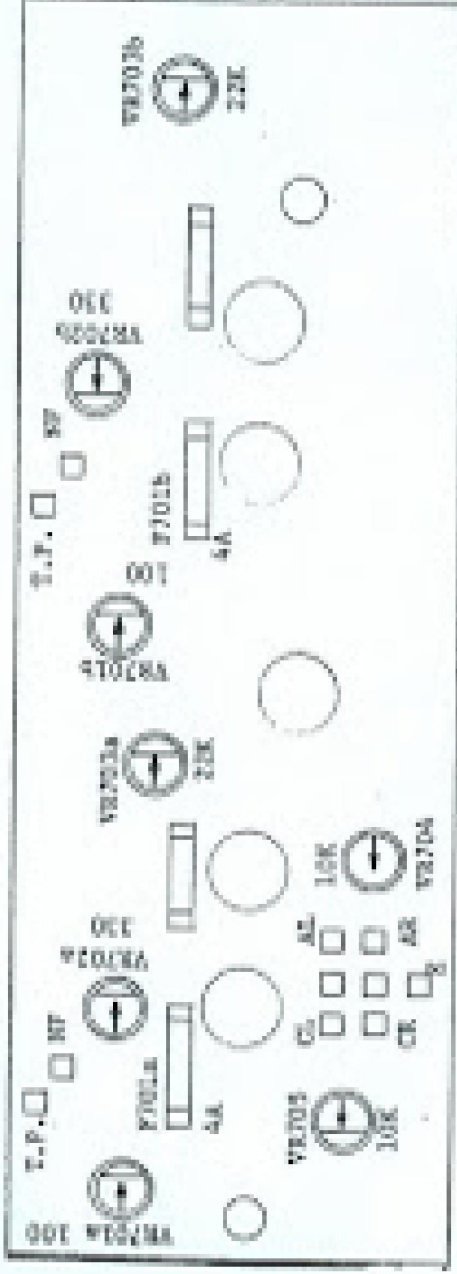


DUO-BETA CIRCUIT
INTEGRATED AMPLIFIER L-58A



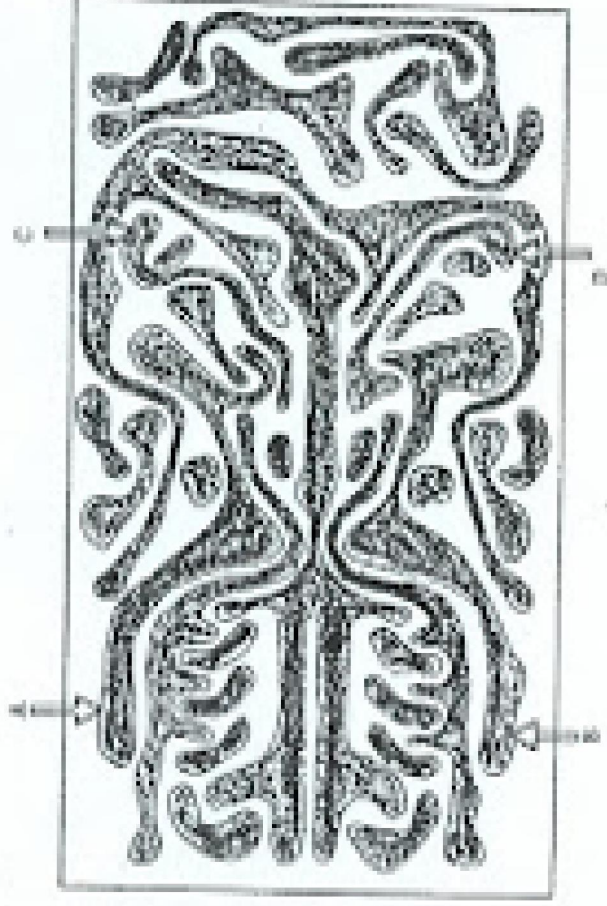
LUXMANS sätt att nedbringa den negativa motkopplingen, Duo Beta, måste ses som en milstolpe inom förstärkar- tekniken. Detta är de första integrerade förstärkarna i denna mycket exklusiva familj.

Adjustment Locations



----Fig. 1 ----

PS-1271



----Fig. 2 ----

L-58A Alignment Procedure

(1) DC Drift Adjustment (Main Amp Section)

1. Connect DC voltmeter to the unit without any dummy load.
2. Set each variable resistors to center positions.
3. Make earth connection of T.P. terminals for L and R channels respectively.
4. Switch on the unit, and adjust VR701a,b (100 ohm) to obtain 0+/-50mV for L and R channels respectively.
5. Remove earth connection made in (3) and adjust the VR703a,b (22K ohm) to obtain 0+/-5mV for L and R channels respectively.

(2) Quiescent Current Adjustment (Main Amp Section)

1. Remove fuse F701a,b (4A) and connect DC ampere meter capable of measuring over 1A across the fuse holder(connect plus lead of meter to +B2 terminal).
2. Switch off the unit, and only after one minute's lapse adjust VR702a,b (330 ohm) to obtain quiescent current of 250mA.

(3) AVR Adjustment(Aain Amp Section)

1. Connect DC voltmeter between either of AL or AR. and GND.
2. Adjust VR704 to obtain +70V.
3. Adjust VR705 to obtain-70V.

(4) AVR Adjustment (Pre Amp Section)

1. Connect DC voltmeter between +B1 and GND.
2. Adjust the VR801 to obtain +32V. Simultaneously confirm that -32V+/-2V can be obtained at -B1 terminal.

(5) Drain Voltage Adjustment On 2SK247(PB-1271)

1. Adjust VR101a,b (100 ohm) for C and D respectively to obtain 9V each at A and B patterns referring to copper-foil pattern side(fig. 2) of PB-1271.