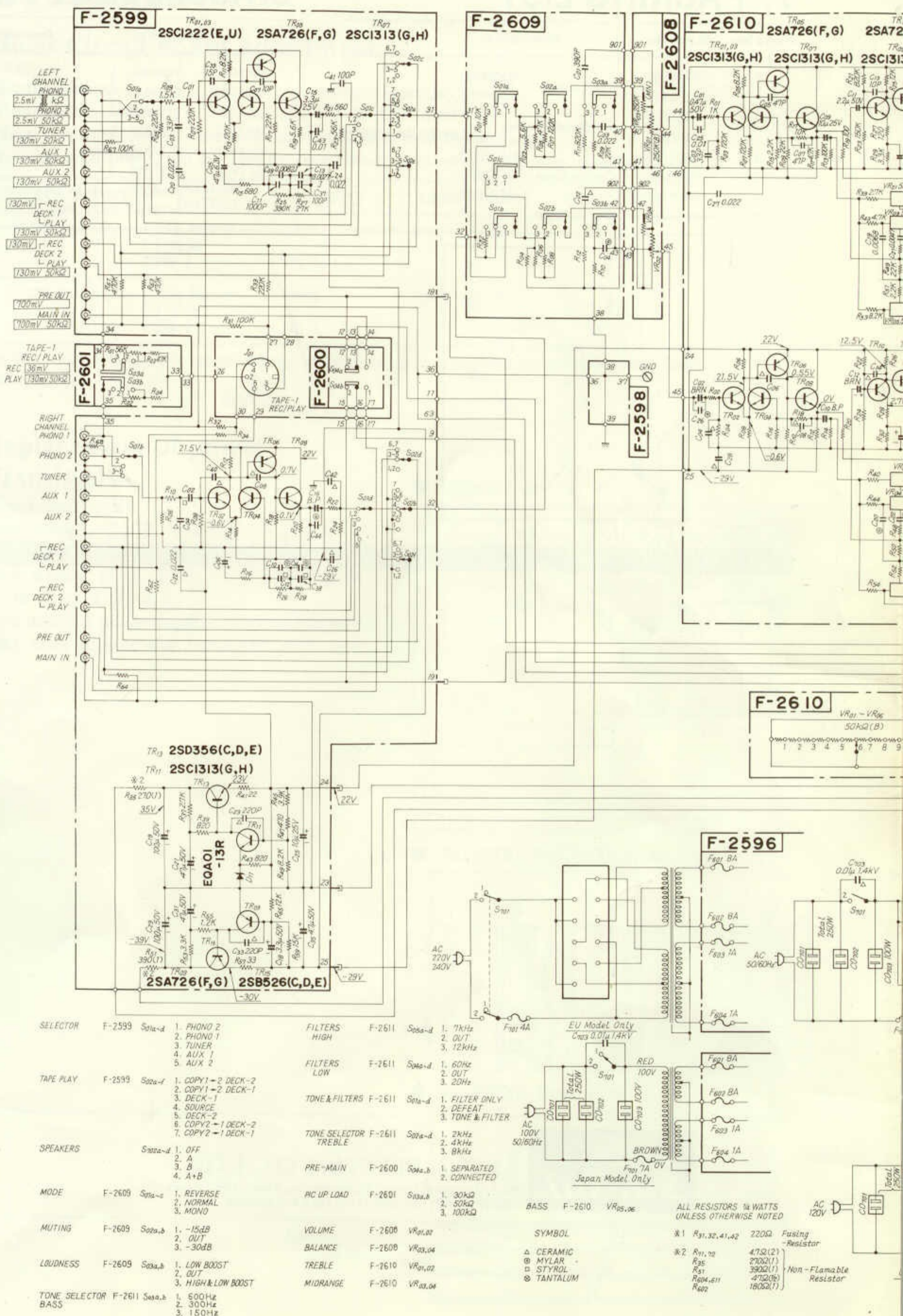
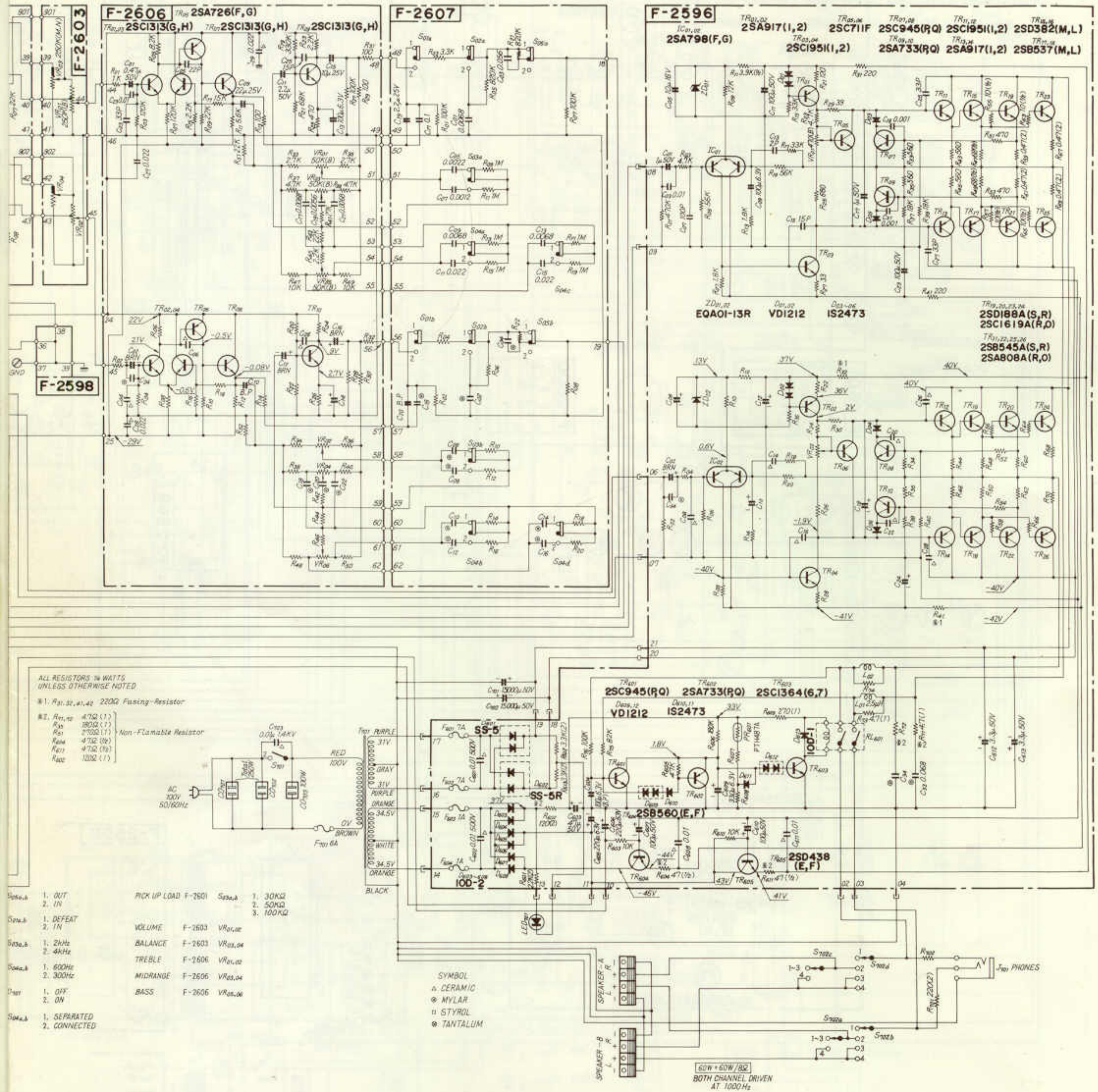


5-3. AU-7900



* La présentation et les spécifications sont susceptibles d'être modifiées sans préavis par suite d'améliorations éventuelles.
 * Änderungen, die dem technischen Fortschritt dienen, bleiben vorbehalten.
 * Design and specification subject to change without notice for improvements.



ALL RESISTORS 1/4 WATT
 UNLESS OTHERWISE NOTED

R1: R₁₁, R₁₂, R₁₃, R₁₄ 220Ω Fusing Resistor

R2: R₁₁, R₁₂ 470Ω (1)
 R₁₃ 180Ω (1)
 R₁₄ 270Ω (1)
 R₁₅ 470Ω (R)
 R₁₆ 470Ω (R)
 R₁₇ 120Ω (1)
 R₁₈ 120Ω (1)

Non-Flammable Resistor

- | | | | | |
|--------|------------------------------|---------------------|--------------------|--------------------------------|
| 300a,b | 1. 0V
2. IN | PICK UP LOAD F-2601 | S _{23a,b} | 1. 30KΩ
2. 50KΩ
3. 100KΩ |
| 301a,b | 1. DEFEAT
2. IN | VOLUME | F-2603 | VR _{11,12} |
| 302a,b | 1. 2kHz
2. 4kHz | BALANCE | F-2603 | VR _{13,14} |
| 303a,b | 1. 600Hz
2. 300Hz | TREBLE | F-2606 | VR _{11,12} |
| 304a,b | 1. OFF
2. ON | MIDRANGE | F-2606 | VR _{13,14} |
| 305a,b | 1. SEPARATED
2. CONNECTED | BASS | F-2606 | VR _{15,16} |

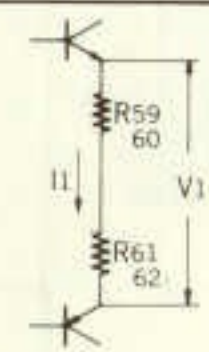
SYMBOL
 △ CERAMIC
 ⊕ MYLAR
 ⊖ STYROL
 ⊙ TANTALUM

60W + 60W/8Ω
 BOTH CHANNEL DRIVEN
 AT 1000Hz

6. ADJUSTMENT

6-1. Driver Circuit Board Adjustment

- Note:** 1. Master Volume.....Minimum
 2. Room Temperature.....18°C~28°C
 3. Before this adjustment, turn VR01 and VR02 fully counterclockwise.
 4. For this adjustment, run the unit for more than 3 minutes after power is switched ON.

STEP	EQUIPMENT	MESURE OUTPUT	ADJUST	ADJUST FOR	CONDITION
L-CH Bias Current	DC Volt Merer	R59, R61 of F-2596 Fig. 1	VR01 Fig. 1	18mV ±1mV	
R-CH Bias Current	DC Volt Meter	R60, R62 of F-2596 Fig. 1	VR02 Fig. 1	18mV ±1mV	

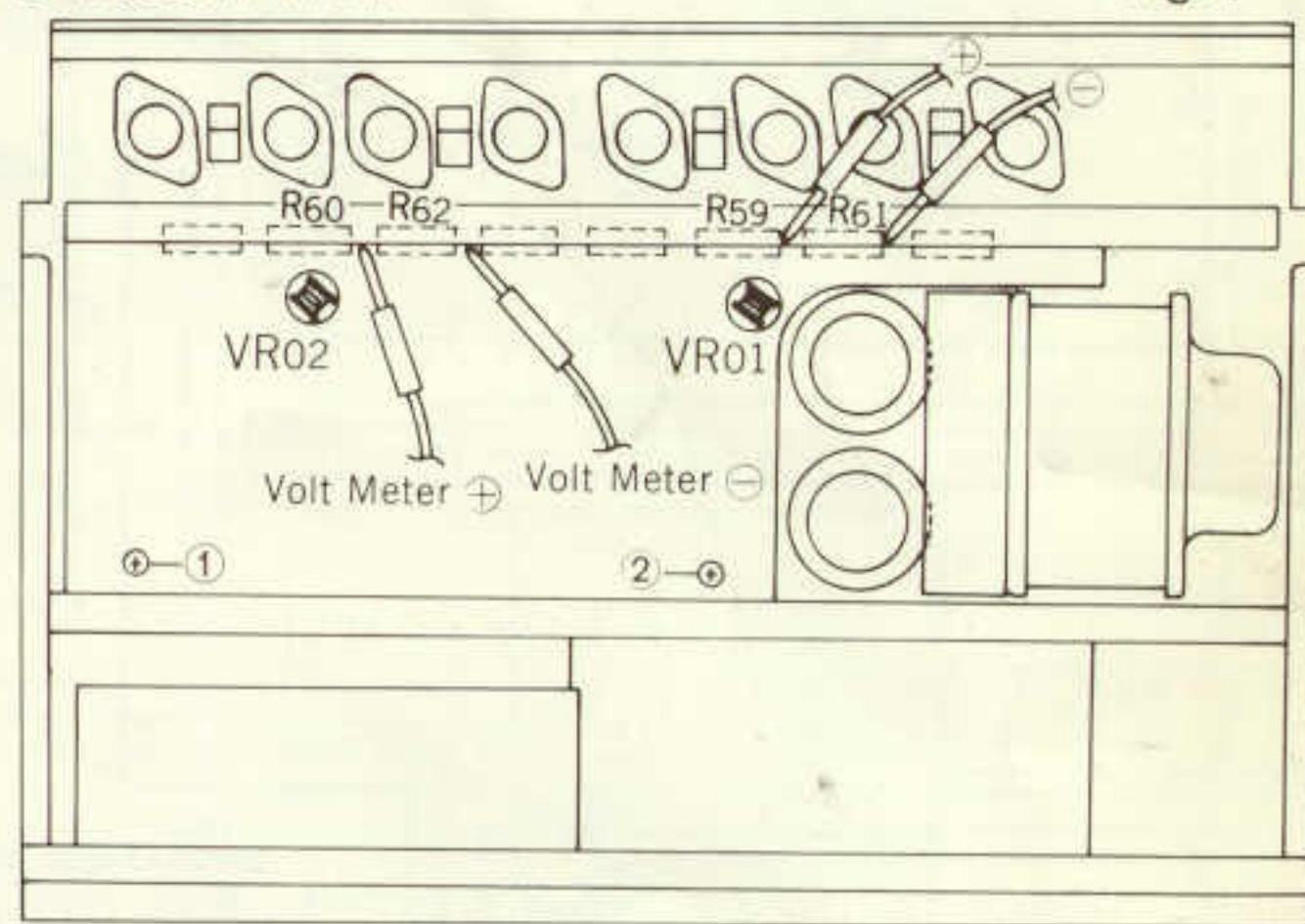
* Instead of measuring bias current, set the voltage to 18mV as Fig. 1, since there are no quick acting fuses on the power amplifier.

$$I_1 = \frac{V_1}{R59 + R61}$$

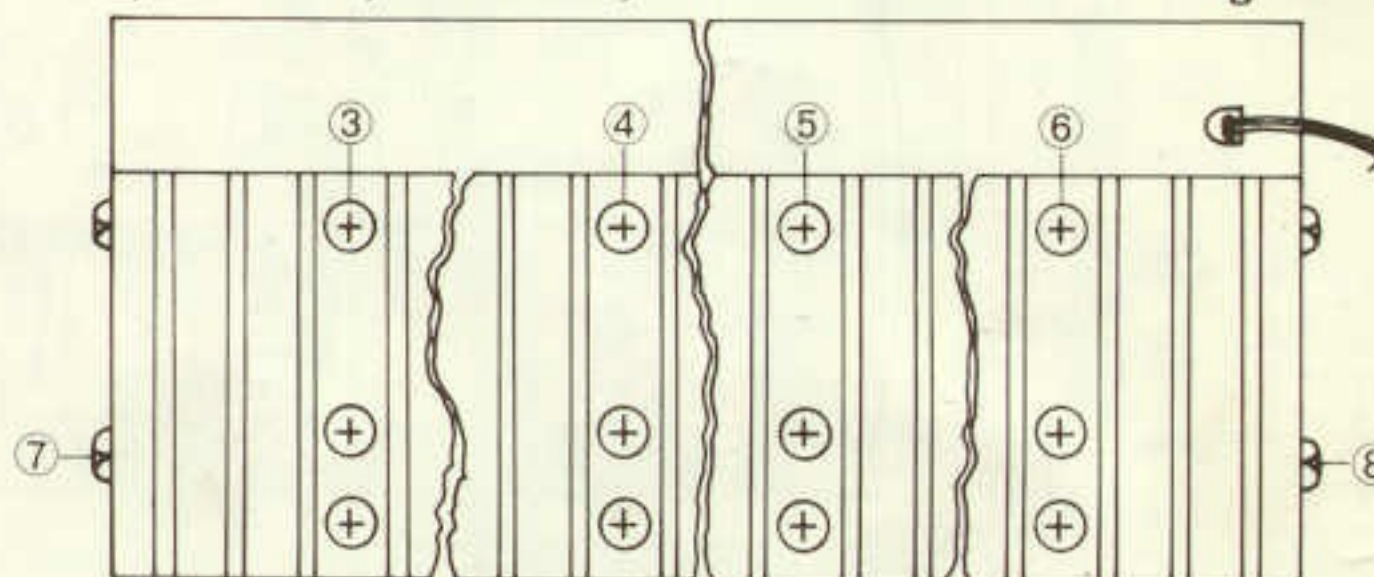
6-2. Replacement of power Transistors

1. Remove bottom plate.
2. Remove screws, ①, ② installing on F-2596 as Fig. 1.
3. Remove screws, ③, ④, ⑤, ⑥, ⑦, ⑧ installing on heat sink as Fig. 2 or Fig. 3.
4. Remove driver & power supply circuit board ass'y (F-2596), then replace the transistors with new ones.

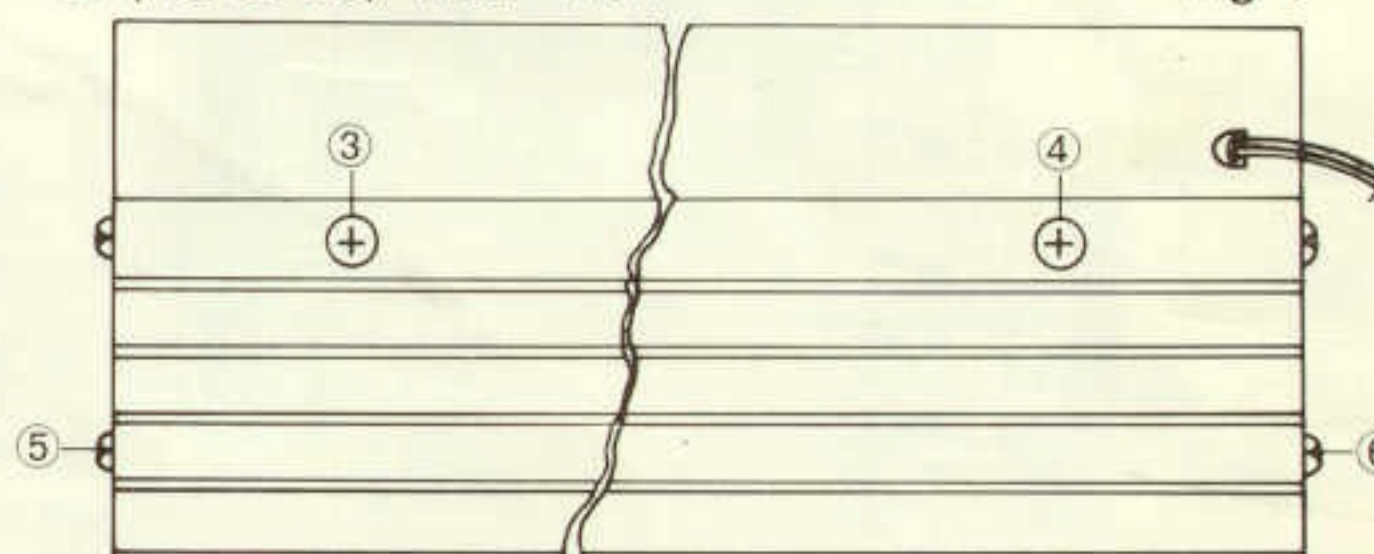
● Bottom View Fig. 1



● <AU-6900, AU-7900> Rear View Fig. 2



● <AU-5900> Rear View Fig. 3



3. PARTS LOCATION AND PARTS LIST

*Value and Stock No. of most Resistors and Capacitors are shown in Common Parts List attached.

3-1. F-2596 Power Amplifier Circuit Board Conductor Side

