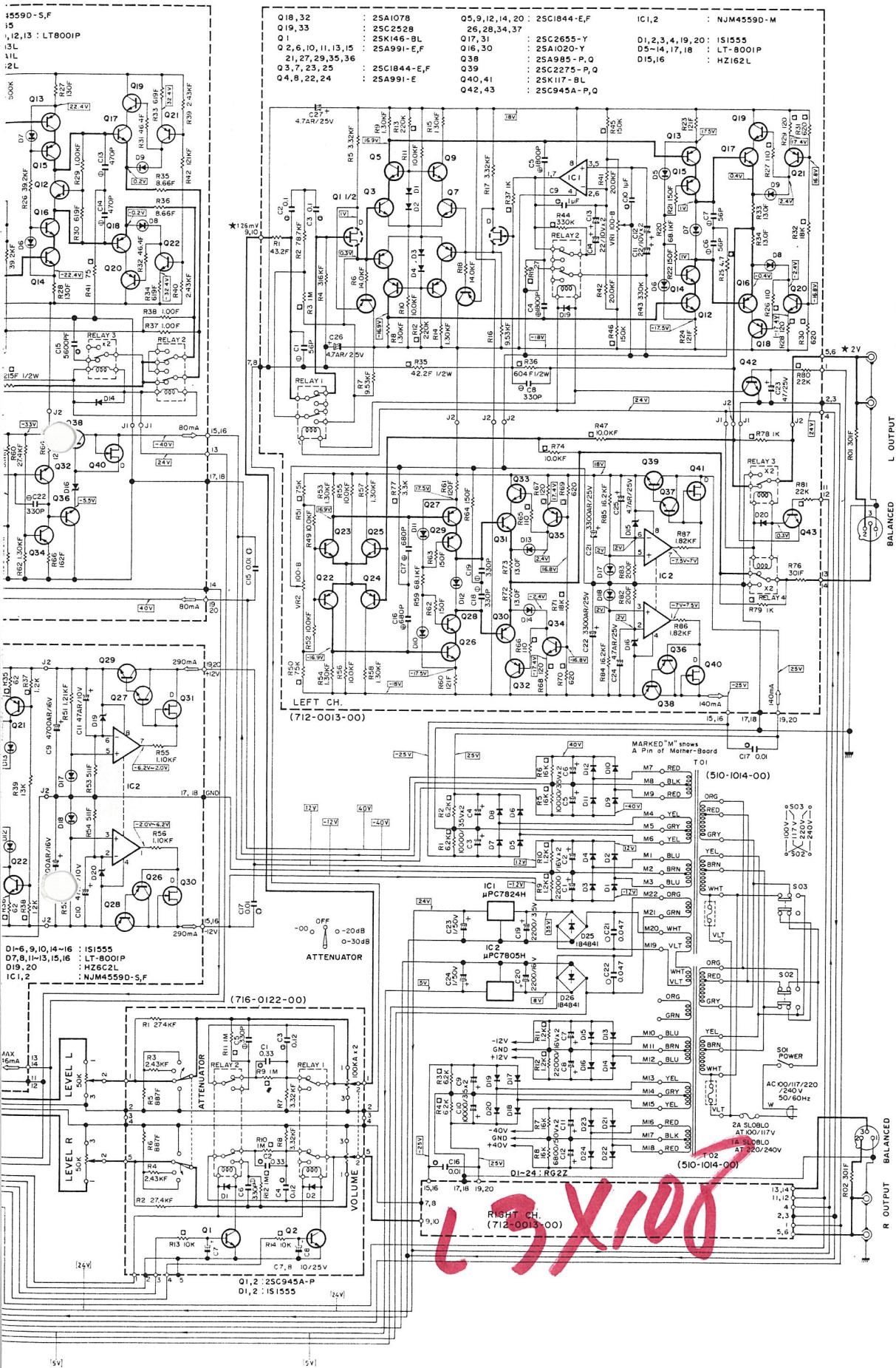


.M CAPACITORS
 FILM CAPACITORS
 JLYSTEL FILM CAPACITORS
 JLYPROPYLENE FILM CAPACITORS
 RESISTORS
 DRS

CARBON FILM RESISTORS
 OXIDE METAL FILM RESISTORS
 METAL PLATE RESISTORS
 FUSE RESISTOR

Unless otherwise specified Capacitors are ELECTROLYTIC types
 Resistors are METAL FILM types 1/4 watt and $\pm 1\%$ tolerance

4 VOLTAGE : ☐ Operating with no input
 ★ Indicates respective voltage reading when an input of 1kHz
 50V_r is fed to "DISC 1" with Head Amp at 26dB position
 5 CURRENT : ☐ Operating with no input

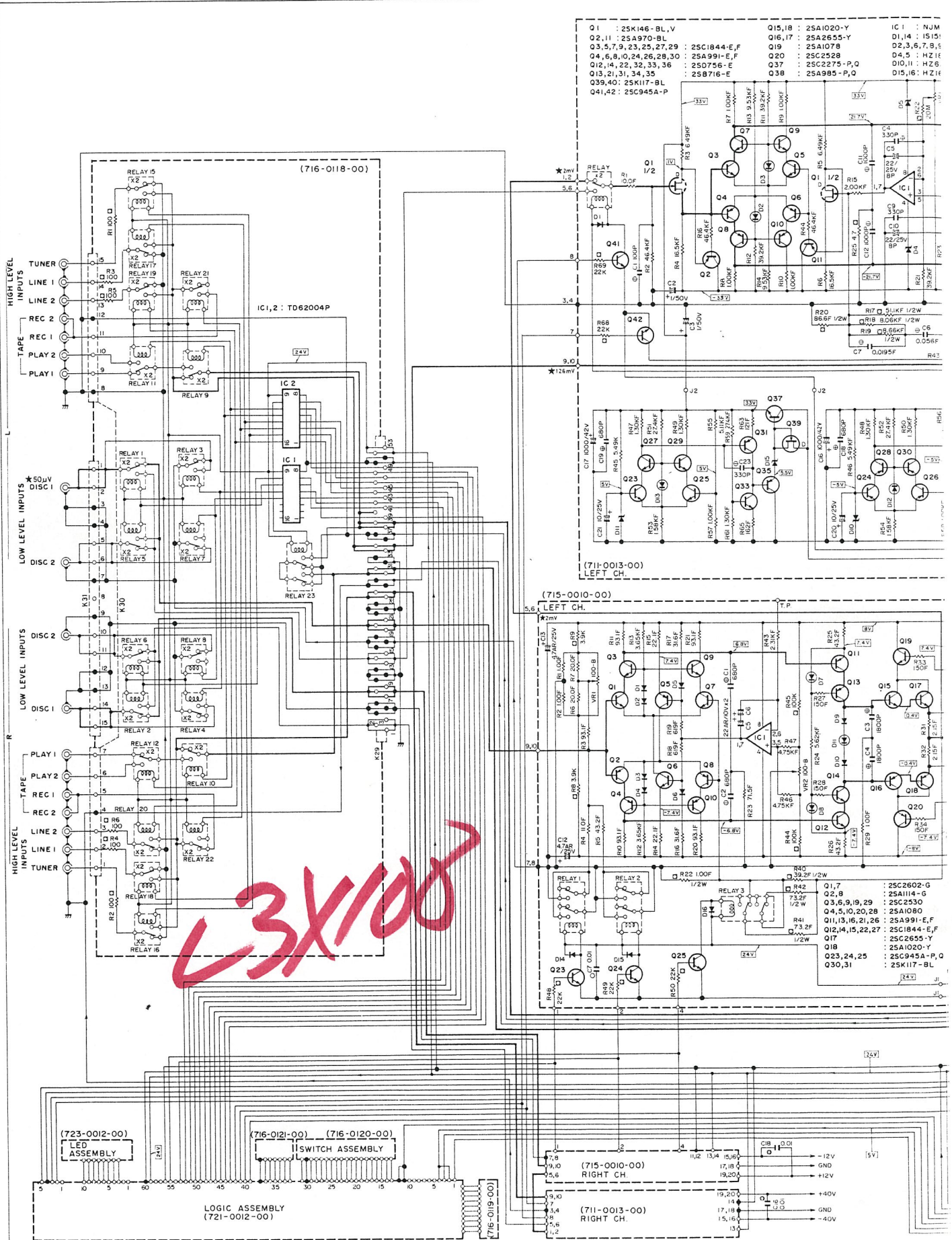


C-280 SCHEMATIC DIAGRAM

NOTES

1. The heavy lines on the schematic denote the signal path
2. Big spots denote the ground
3. The mark of capacitors and resistors on the schematic are
 - CERAMIC CAPACITORS
 - ⊖ MICA CAPACITORS
 - ⊕ TANTALUM SOLID CAPACITORS

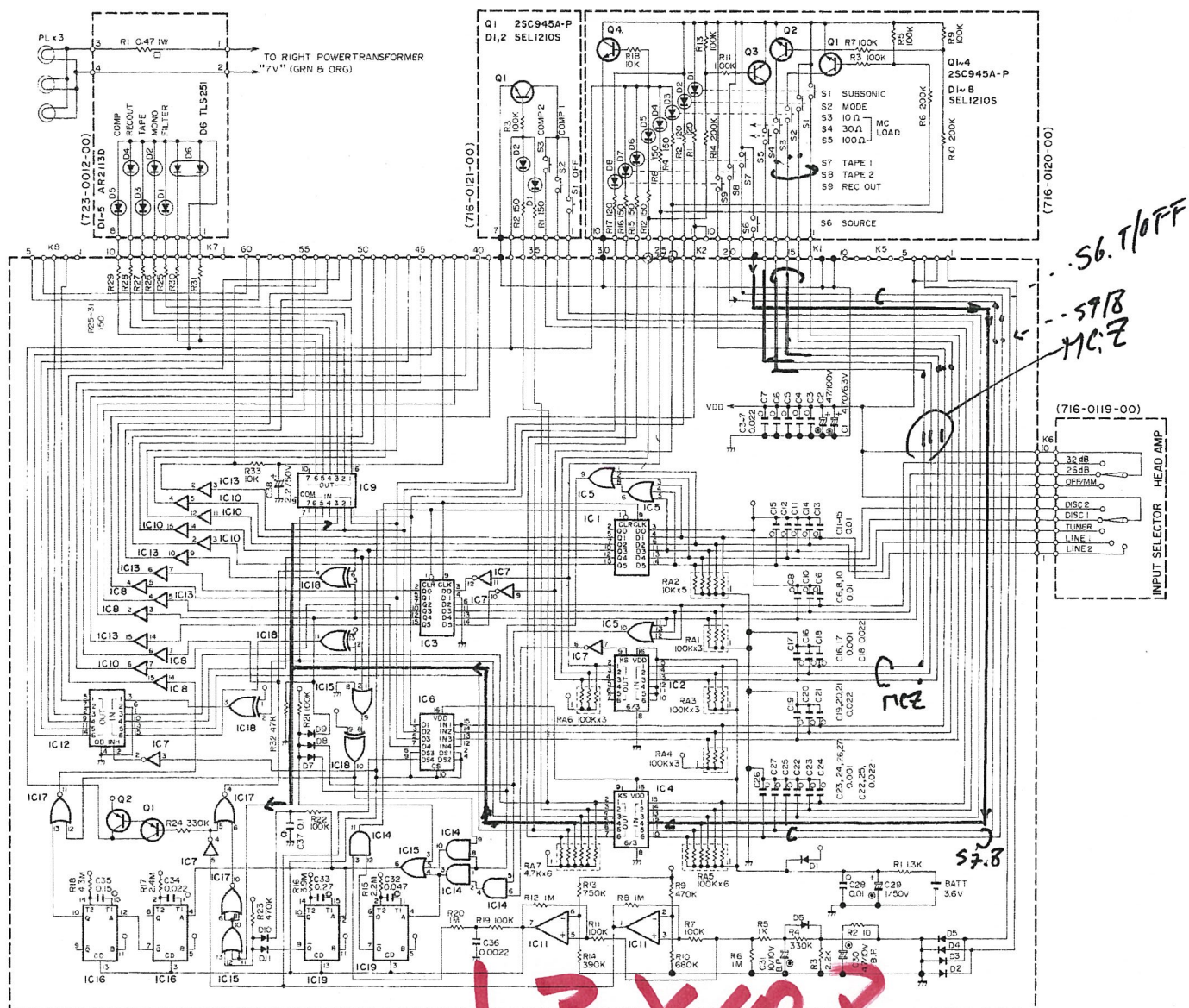
- METALIZED FIL POLYSTYRENE
- ⊖ METALIZED P
- ⊕ METALIZED P
- ⊖ WIRE WOUND
- ⊕ SOLID RESIST



Acuphase W
C-280

SCHEMATIC DIAGRAM

LOGIC CIRCUIT (721-0012-00)



IC1,3 TC40174BP/HDI4174BP
 IC2,4 TC9135P
 IC5,15 TC4075P/HDI4075BP/μPD4075BC
 IC6 TC9130P
 IC7 TC4049BP/HDI4049UBP/
 μPD4049UBC
 IC8,10,13 TC4050BP/HDI4050BP/μPD4050BC
 IC9 TD62004P/μPA2004C/M54526P
 IC11 TA75902P/μPC324C
 IC12 TC4502BP/HDI4502BP
 IC14 TC4081BP/HDI4081BP/μPD4081BC
 IC16,19 TC4538BP/HDI4538BP
 IC17 TC4001BP/HDI4001BP
 IC18 TC4030BP/μPD4030BC

Q1 2SA733A-P
 Q2 2SA966-Y

DI~II ISI555

Fig1

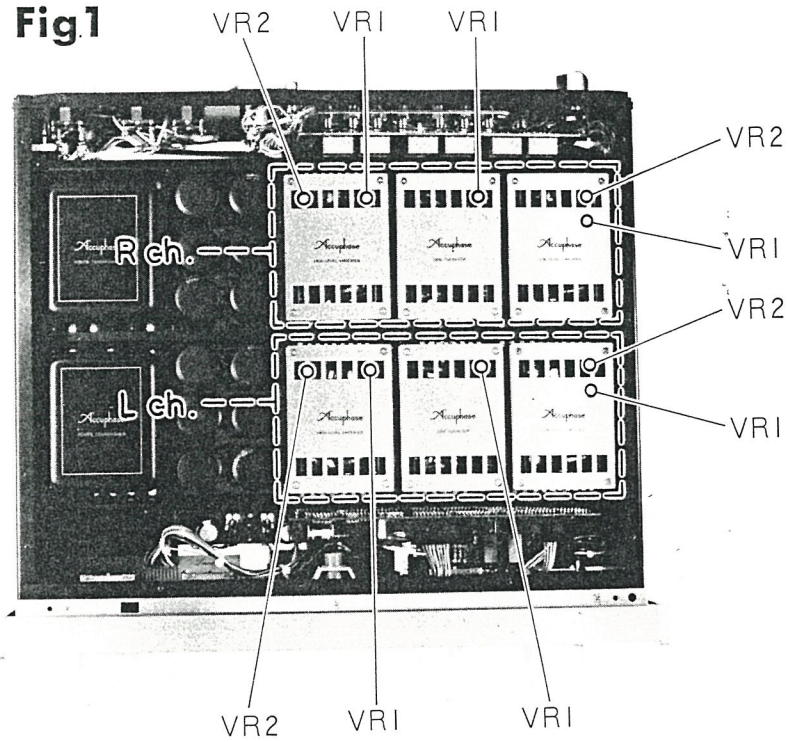
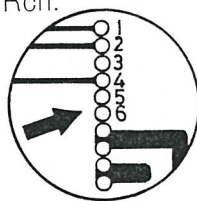


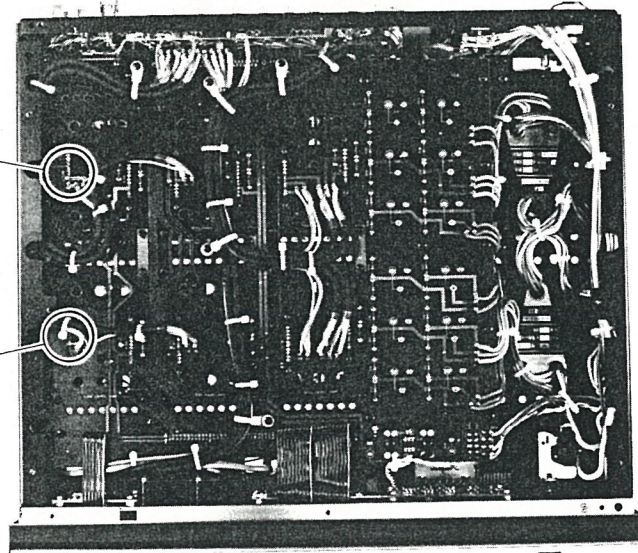
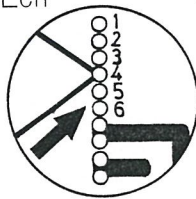
Fig2

L3X108

Rch.



Lch



1280

CIRCUIT ADJUSTMENT (回路調整)

1. Internal input resistance of volt-ohm meter should be higher than 10k Ω .
使用テスターは入力抵抗が10k Ω 以上のものをお使い下さい。
2. When replacing parts, following adjustment/confirmation should be certainly made.
調整は通常は全く不要ですが、基板内の部品を交換した場合、その基板の調整・確認を行って下さい。
3. When adjusting OFFSET with V.O. Meter, adjust it carefully to obtain exact "O" reading of the meter.
OFFSET調整はテストの指針がわずかしき動きませんので、全く動かない程度に調整して下さい。

※ Common for Left and Right Channel

STEP ステップ	ADJUST ITEM 調整項目	PROCEDURE 電圧検出		ADJUST 調整箇所	REMARKS 調整・備考
		TEST EQ'PT 検出器	CONNECTING POINT 接続店		
LOW LEVEL AMP ASSEMBLY (715-0010-00) ローレベルアンプAss'y					
1	OFFSET of Input. 入力オフセット	V.O. Meter Set Range to less than DC0.3V テスター DC0.3V以下のレンジ	DISC Input Jack DISC入力端子	VR 1	Adjust for "O" reading of V.O. Meter テスターの指示"O"に調整
2	OFFSET of Output. 出力オフセット		Refer fig. 2 No. 5 and 6 of Pattern Land. 2 図のコネクタ 5、6 番	VR 2	
DISC EQUALIZER AMP ASSEMBLY (711-0013-00) ディスク イコライザアンプAss'y					
1	OFFSET of Output. 出力オフセット	V.O. Meter Set Range to less than DC0.3V テスターDC0.3V以下のレンジ	REC OUT (REC Switch ON) (RECスイッチをONにする)	VR 1	Adjust for "O" reading of V.O. Meter テスターの指示"O"に調整
HIGH LEVEL AMP ASSEMBLY (712-0013-00) ハイレベルアンプAss'y					
1	OFFSET of Output. 出力オフセット	V.O. Meter Set Range to less than DC0.3V テスター DC0.3V以下のレンジ	Output Jack, or No. 2 pin of BALANCED OUT. 出力端子、又はキャノン 2 番端子	VR 1	Adjust for "O" reading of V.O. Meter テスターの指示"O"に調整
2	OFFSET of Inverted Amp Output. 反転アンプ出力オフセット		No. 3 pin of BALANCED OUT. キャノン・コネクタNo. 3 端子	VR 2	