
AKAI

SECTION 1

STEREO PRE AMPLIFIER

MODEL **UC-A5**

ALSO APPLICABLE TO BLACK PANEL MODEL

TABLE OF CONTENTS

I.	TECHNICAL DATA	4
II.	DISMANTLING OF UNIT	5
III.	CONTROLS	6
IV.	PRINCIPAL PARTS LOCATION	7
V.	VOLTAGE CONVERSION	8
VI.	ADJUSTMENT	9
VII.	CLASSIFICATION OF VARIOUS P.C BOARDS	10
	1. P.C BOARD TITLE AND IDENTIFICATON NUMBERS	10
	2. COMPOSITION OF VARIOUS P.C BOARDS	11

V. VOLTAGE CONVERSION

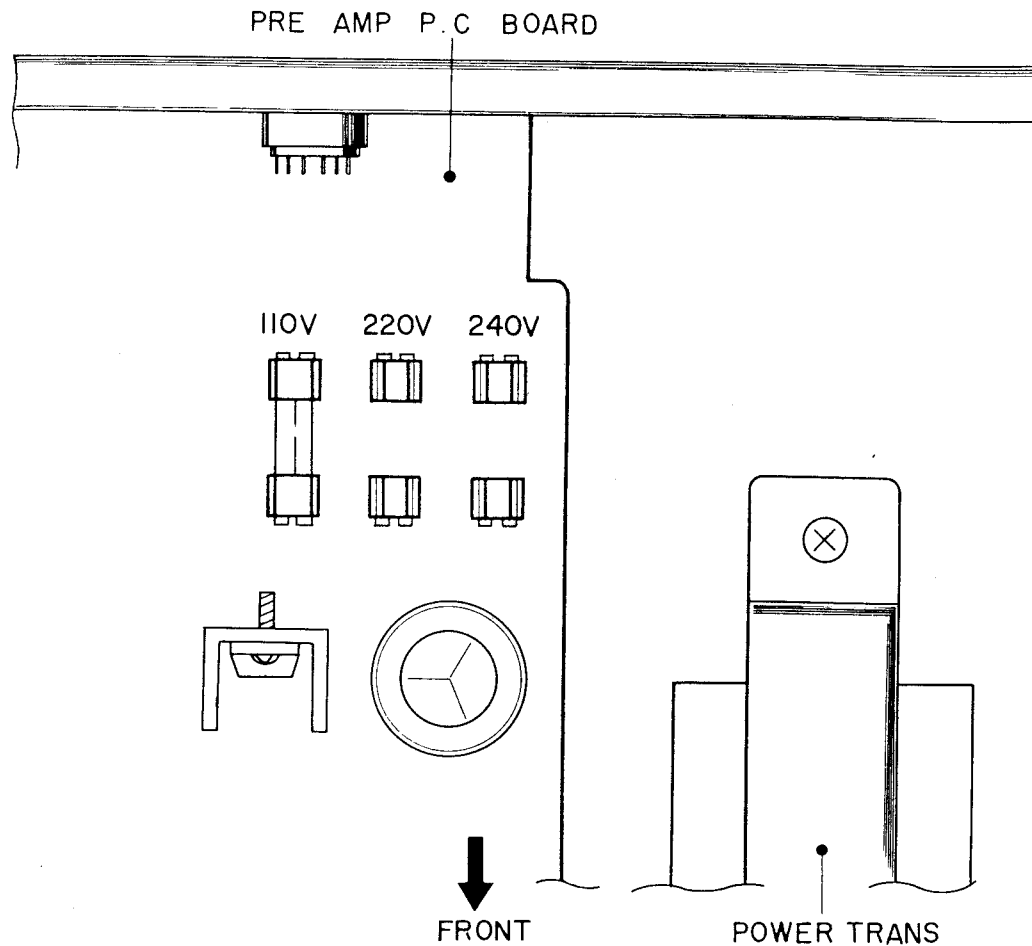


Fig. 3 Voltage Conversion (U/T Model)

1. U/T Model (Refer to Fig. 3)

- 1) Switch OFF power and remove power cord from mains supply.
- 2) Loosen holding screws and remove bottom panel.
- 3) Remove existing Line Voltage Fuse and insert required Line Voltage Fuse in the proper fuse holder.
 - 110 V : 500 mA
 - 220 V : 250 mA
 - 240 V : 250 mA

2. Models other than U/T

No voltage conversion.

VI. ADJUSTMENT

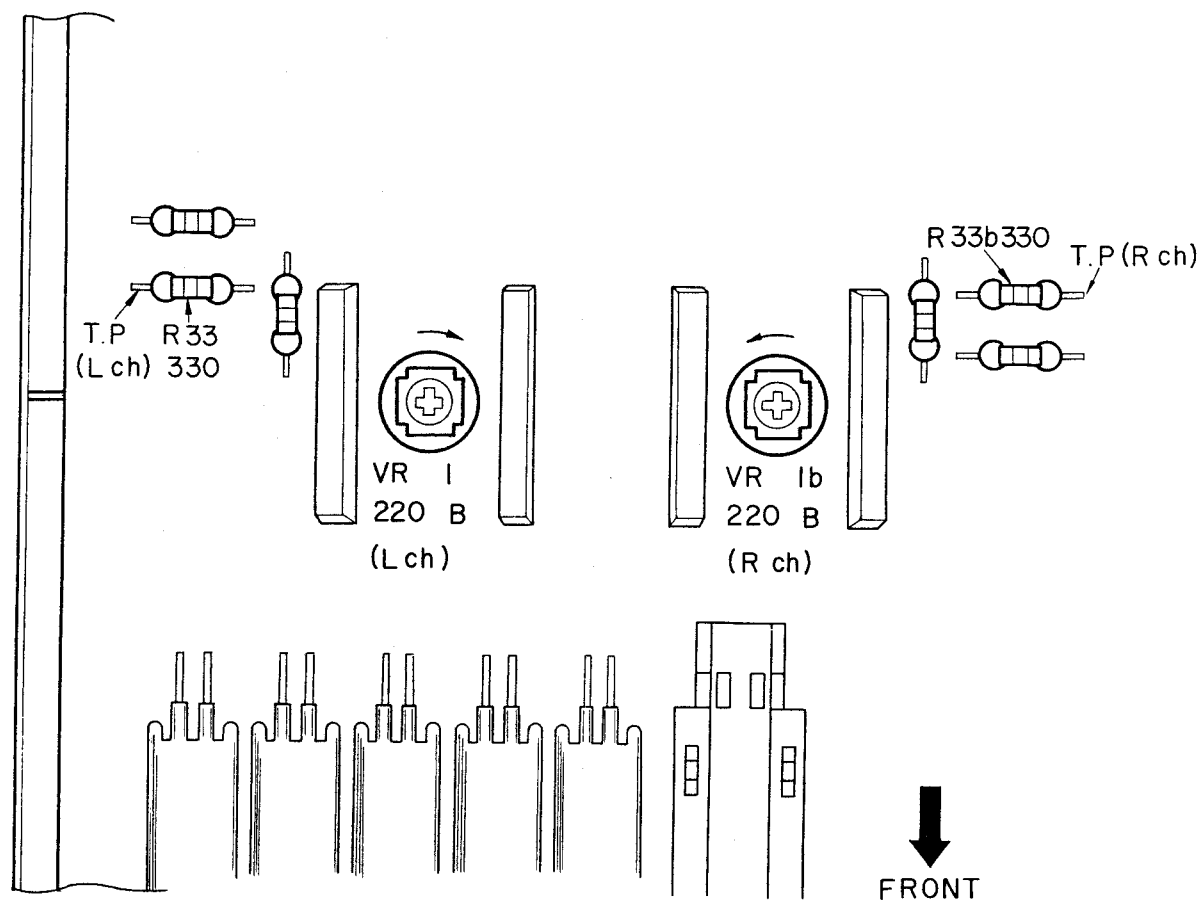


Fig. 4 Adjustment Points

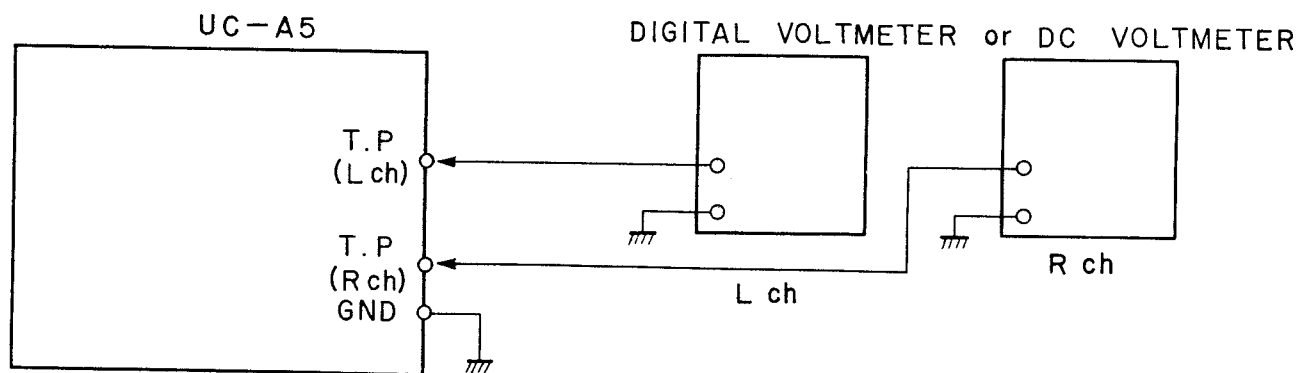


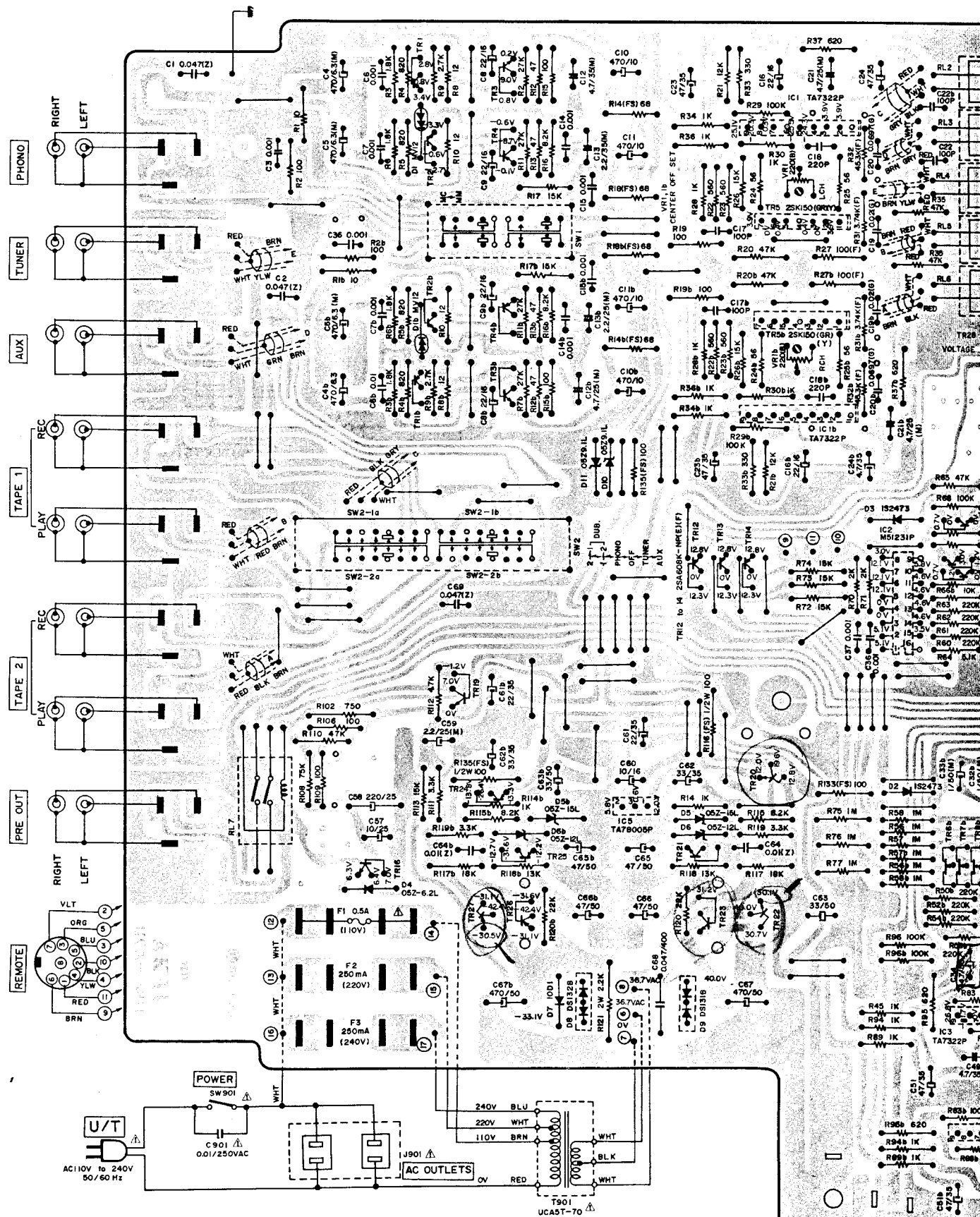
Fig. 5 Instrument Connections

1. CENTER OFF-SET VOLTAGE ADJUSTMENT (Refer to Figs. 4, 5)

Connect the Digital Voltmeter or DC Voltmeter between T.P and Ground. Adjust the VR 1 (220 B) so that Voltmeter reading is 0 ± 50 mV.

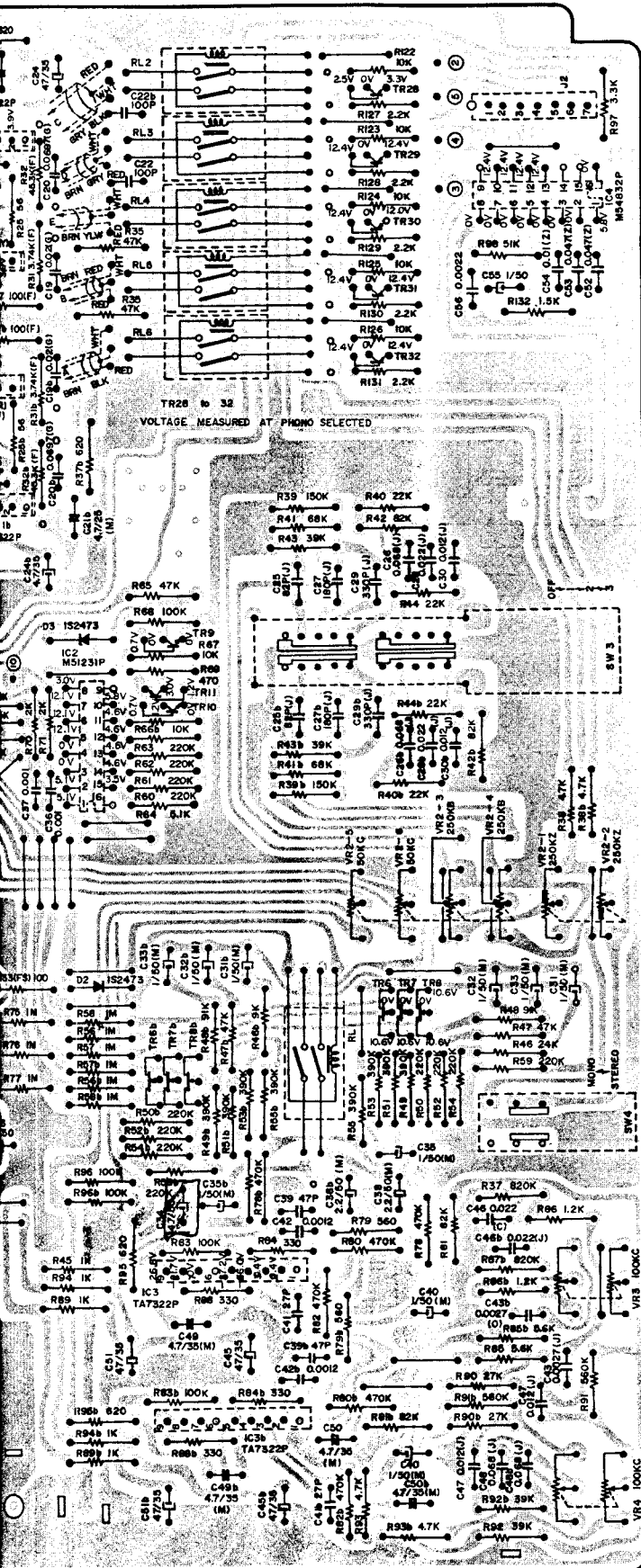
2. COMPOSITION OF VARIOUS P.C BOARDS

PRE AMP P.C BOARD UCA-5001 (2ED) and INPUT P.C BOARD UCA-5002



WARNING: Δ INDICATES SAFETY CRITICAL COMPONENTS. FOR CONTINUED SAFETY, REPLACE SAFETY CRITICAL COMPONENTS ONLY WITH MANUFACTURER'S RECOMMENDED PARTS.

AVERTISSEMENT: Δ IL INDIQUE LES COMPOSANTS CRITIQUES DE SÛRETÉ. POUR MAINTENIR LE NIVEAU DE SÛRETÉ DE L'APPAREIL, NE REMPLACER LES COMPOSANTS DONT LE FONCTIONNEMENT EST CRITIQUE QUE PAR DES PIÈCES RECOMMANDÉES PAR LE FABRICANT.



PRE AMP P.C BOARD UCA-5001

SW1
CARTRIDGE

SW2
REC SELECTOR

LOUDNESS

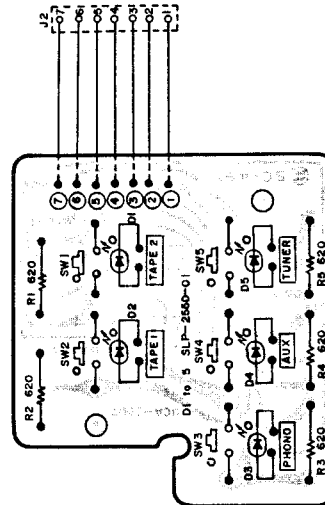
BALANCE

VOLUME

MODE

TREBLE

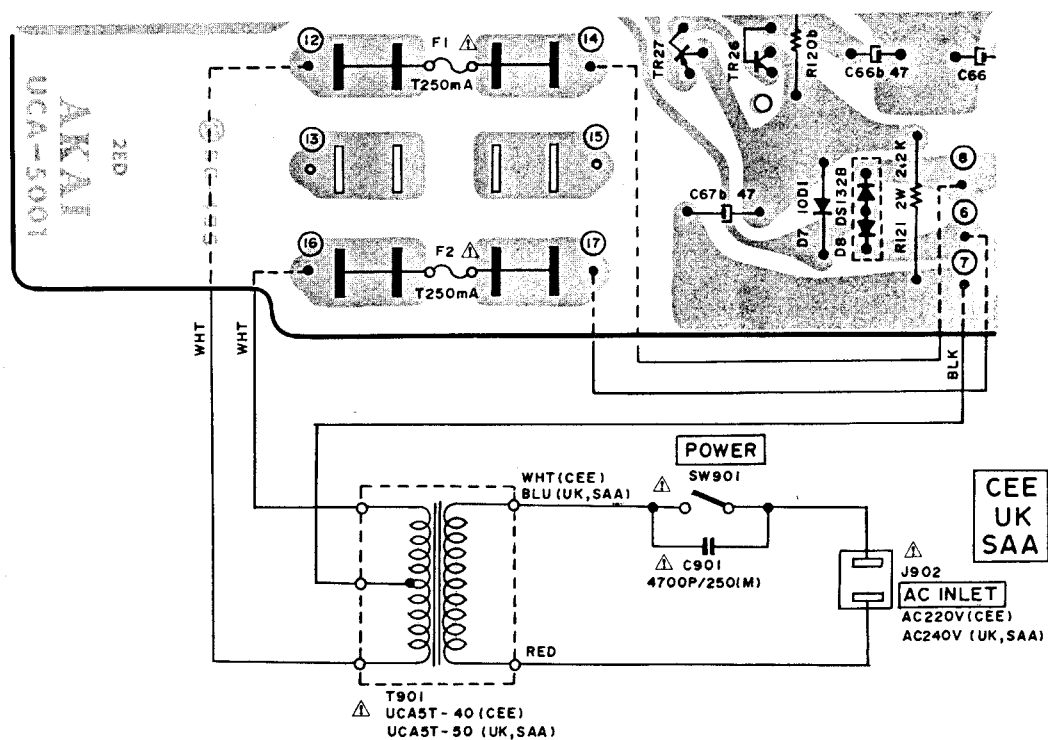
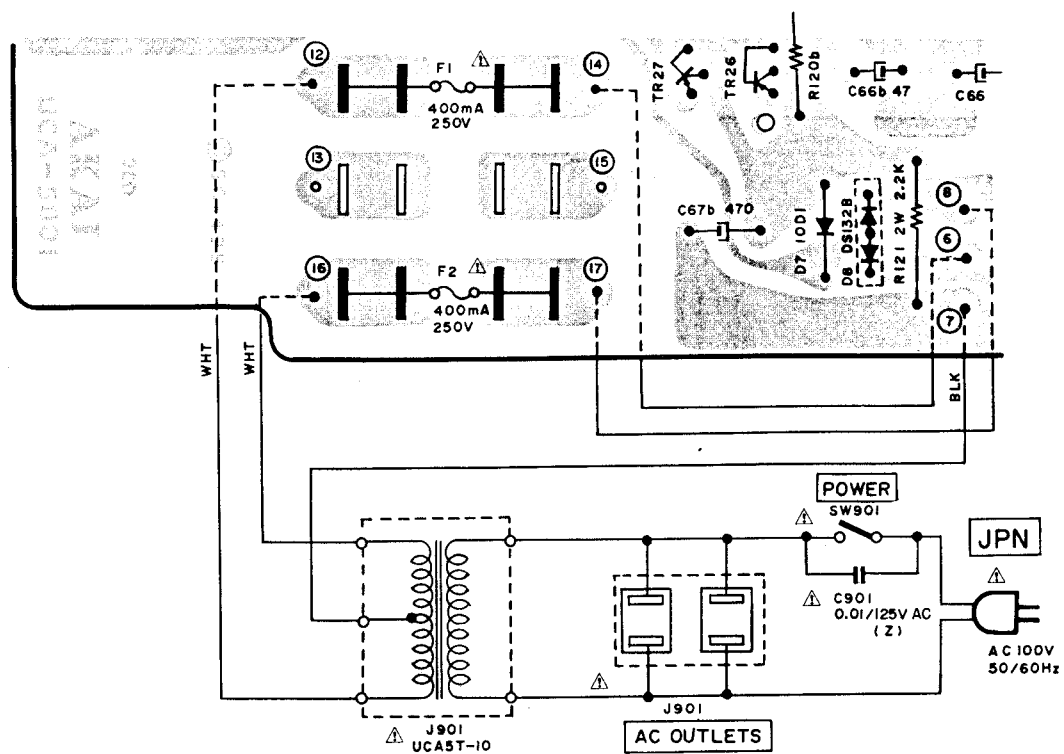
BASS

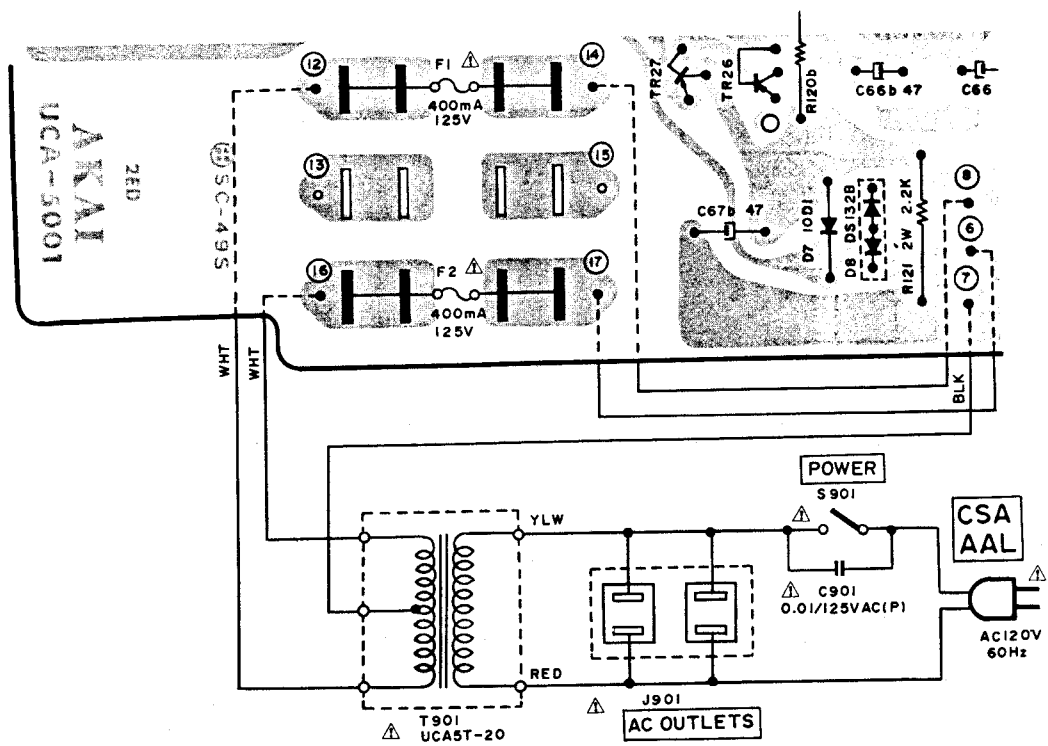


INPUT P.C BOARD CUA-5002



- TR1,4 2SA970(GR) (BL)
- TR2,3 2SC2240 (GR) (BL)
- TR6 to 8 2SK30A (Y) (GR)
- TR9 to 11 2SC536K-NP (E) (F)
- 12,21,23 2SD438 (E) (F)
- TR15 2SD612K (E) (F)
- TR20 2SD313AL (D) (E) (F)
- TR22 2SB560 (E) (F)
- TR24 2SB507AL (D) (E) (F)
- TR12 to 14 2SA608K-NP (E) (F)
- 26 to 32 2SB507AL (D) (E) (F)
- TR27 2SB507AL (D) (E) (F)

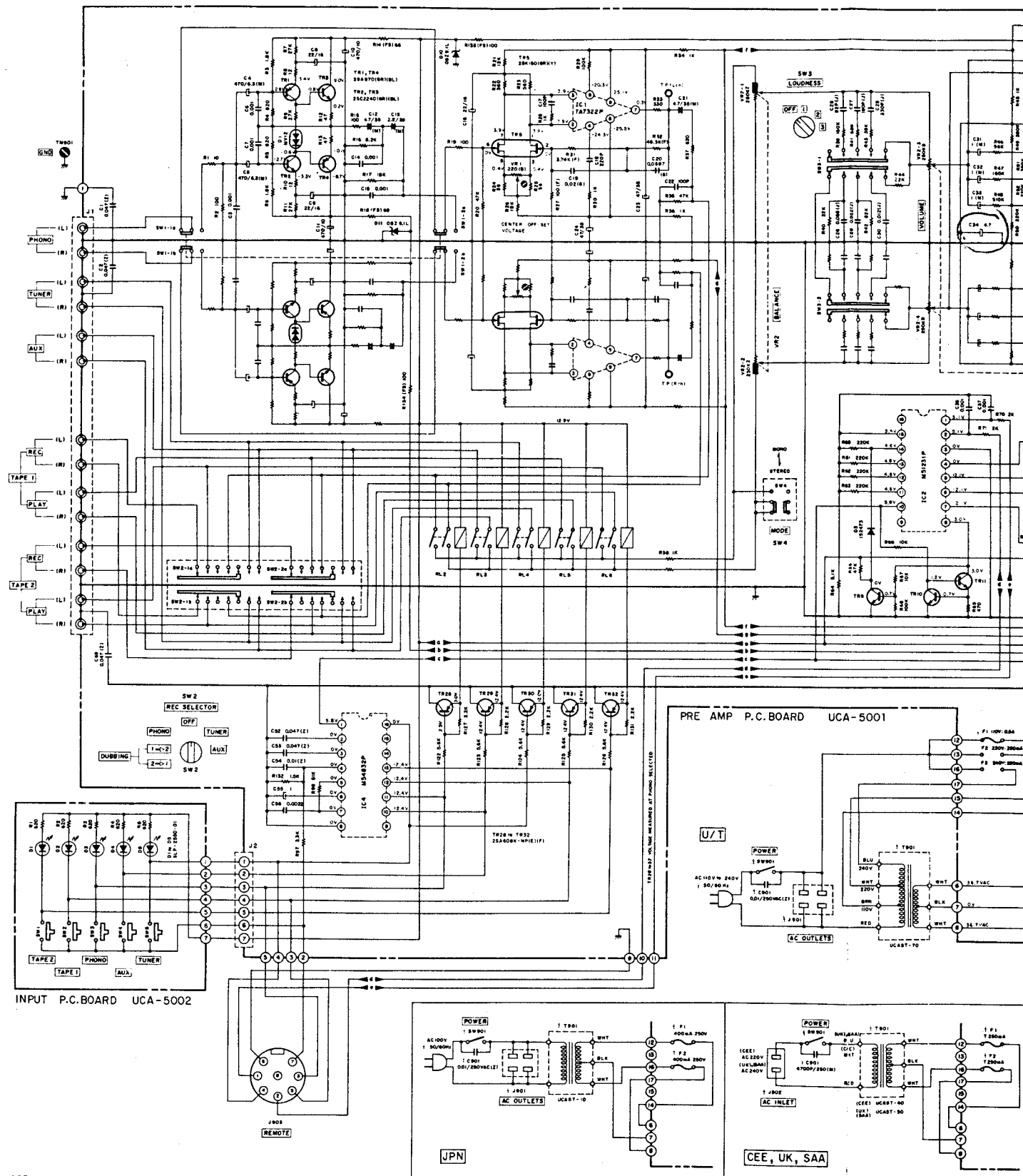




WARNING: ⚠ INDICATES SAFETY CRITICAL COMPONENTS. FOR CONTINUED SAFETY, REPLACE SAFETY CRITICAL COMPONENTS ONLY WITH MANUFACTURER'S RECOMMENDED PARTS.

AVERTISSEMENT: ⚠ IL INDIQUE LES COMPOSANTS CRITIQUES DE SÛRETÉ. POUR MAINTENIR LE DEGRÉ DE SÛRETÉ DE L'APPAREIL, NE REMPLACER LES COMPOSANTS DONT LE FONCTIONNEMENT EST CRITIQUE POUR LA SÛRETÉ QUE PAR DES PIÈCES RECOMMANDÉES PAR LE FABRICANT.

UC-A5



INPUT P.C. BOARD UCA-5002

PRE AMP P.C. BOARD UCA-5001

NO 0010888

