

STEREO INTEGRATED AMPLIFIER

DCA 205 (EUROPE)



SPECIFICATIONS

Note:

The below mentioned specifications are mainly based on the IHF measurements standard. They can therefore not directly be compared with specifications based on the DIN standard or other standards.

POWER AMPLIFIER SECTION

Power Output	20 watts perchannel RMS, minimum continuous power into 8 ohms load, with maximum total harmonic distortion of 0.05 % at 40 Hz – 20 kHz.
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Tone Controls	
Bass (100 Hz)	±10 dB
Treble (10 kHz)	±10 dB
Loudness Control	
(at 100 Hz)	+8 dB
(at 10 kHz)	+4 dB
Output Level	
Tape Rec.	150 mV

PRE AMPLIFIER SECTION

Frequency Response	
Phono (30 Hz – 15 kHz)	±1.0 dB
Aux. (20 Hz – 20 kHz)	±1.0 dB
Tape (20 Hz – 20 kHz)	±1.0 dB
Input Sensitivity/Impedance	
Phono	2.5 mV/50 kohms
Tuner	150 mV/30 kohms
Auxiliary	150 mV/30 kohms
Tape	150 mV/30 kohms

GENERAL SECTION

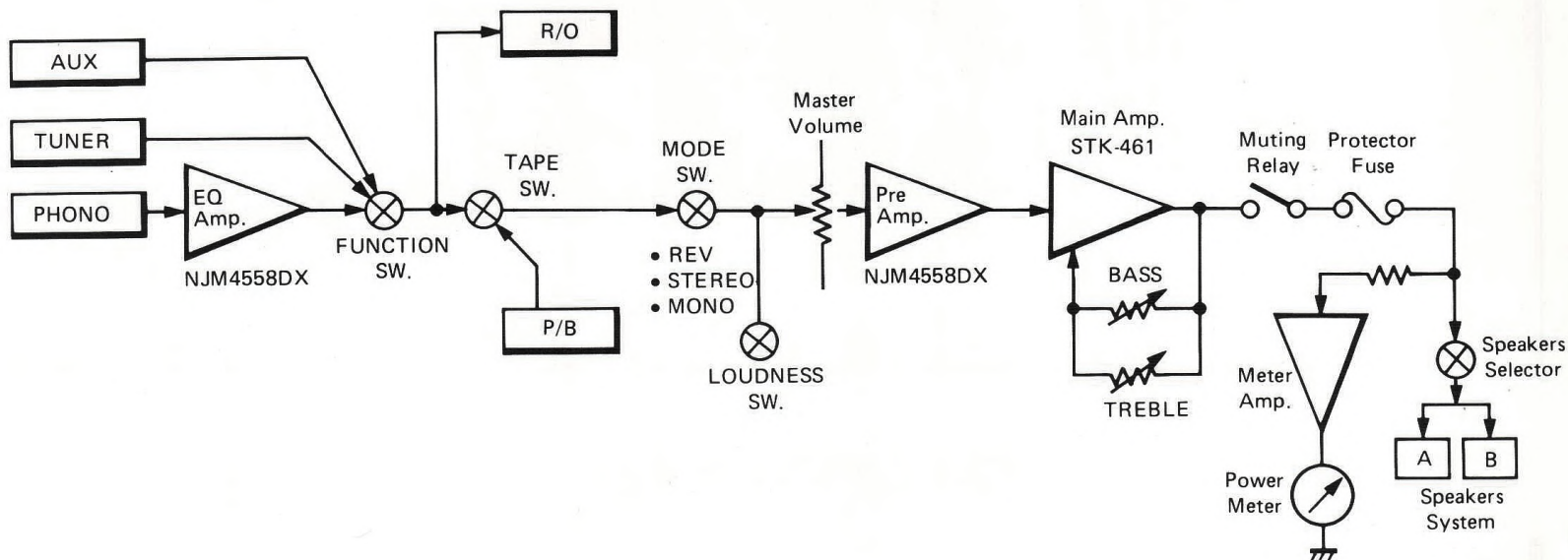
Power Source	AC: 110/220 V 50 Hz
Power Consumption	110 W
Dimensions (W) x (D) x (H)	420 x 220 x 120 mm
Weight	4.9 kg (approx.)

—Specifications are subject to change without notice.—

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FUNCTIONAL BLOCK DIAGRAM



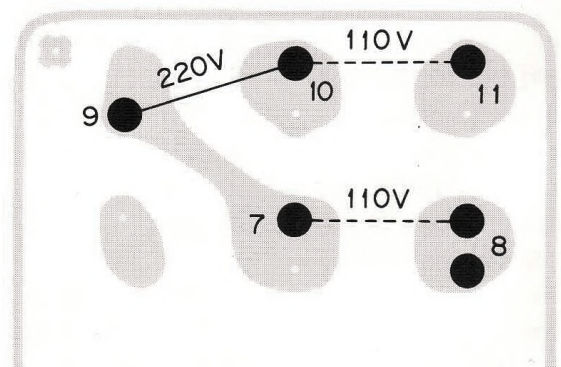
TERMINAL P.C.BOARD (TOP VIEW)

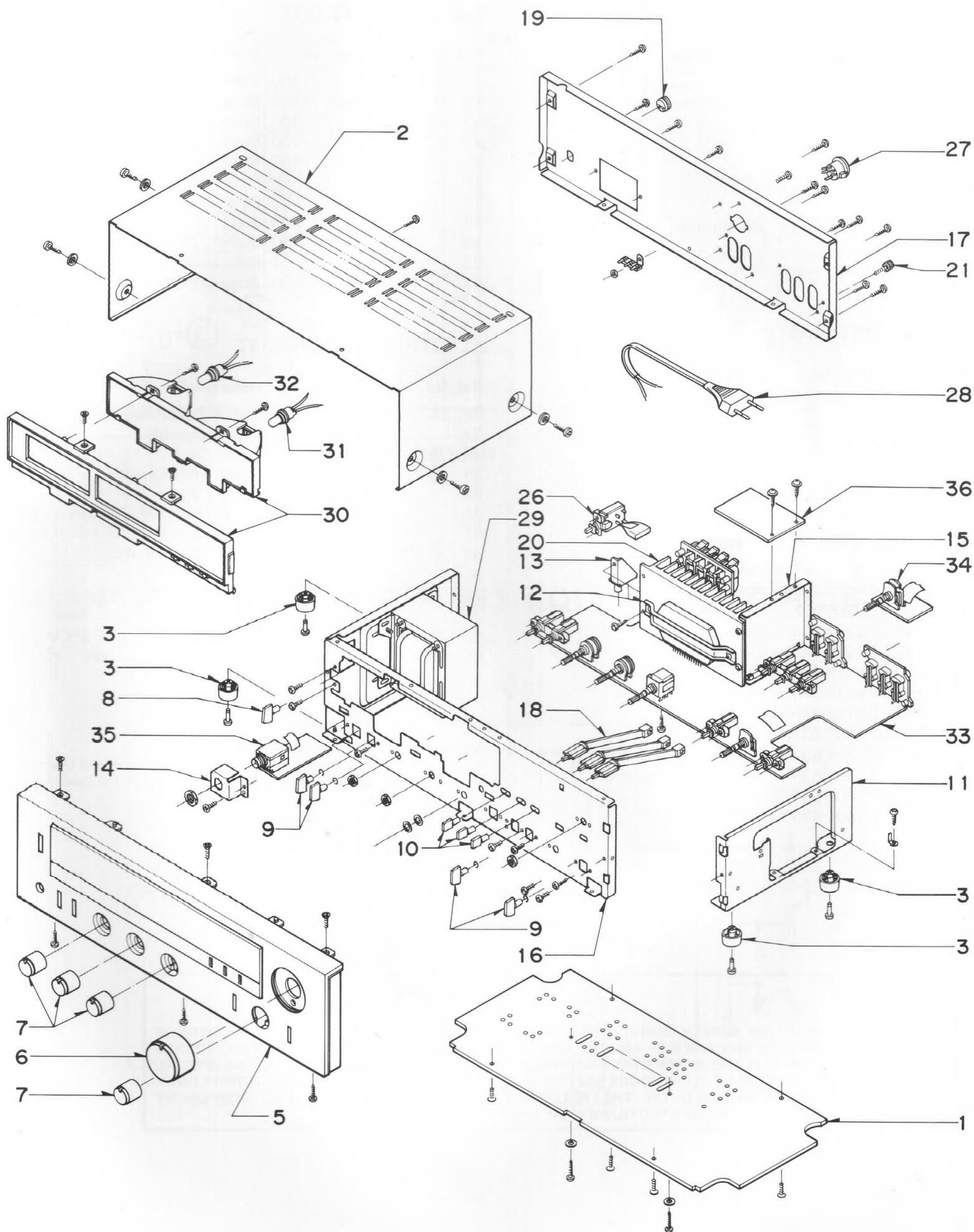
— IMPORTANT NOTE —

This unit is already set for operation on 220 V AC. To convert this unit to 110 V AC operation, proceed as follows.

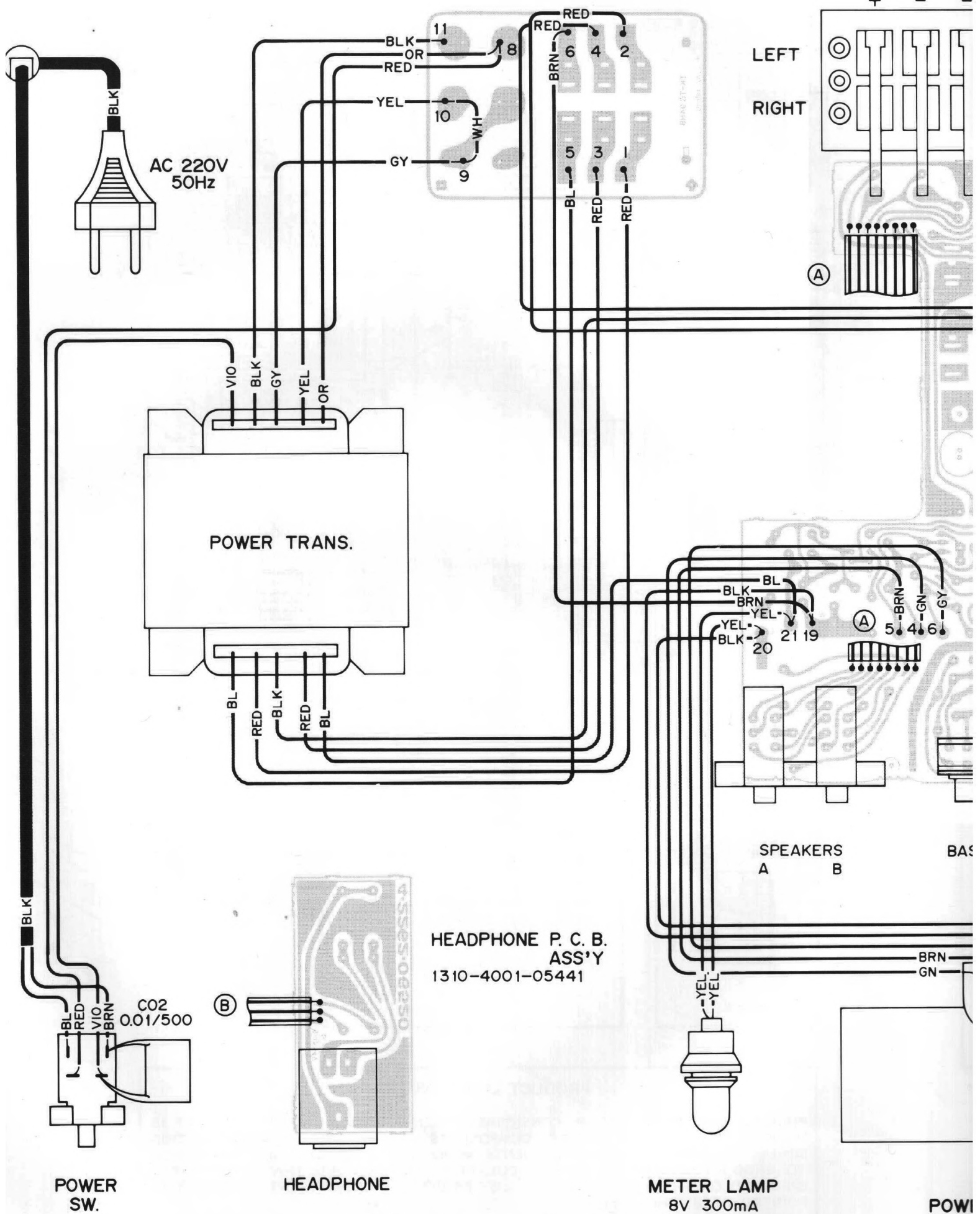
- Remove the power plug from the AC wall outlet.
- Cut the both ends (No. 9 and No. 10 sides) of the lead.
- Connect the leads equivalent to the cut one between No. 7 and No. 8, No. 10 and No. 11.

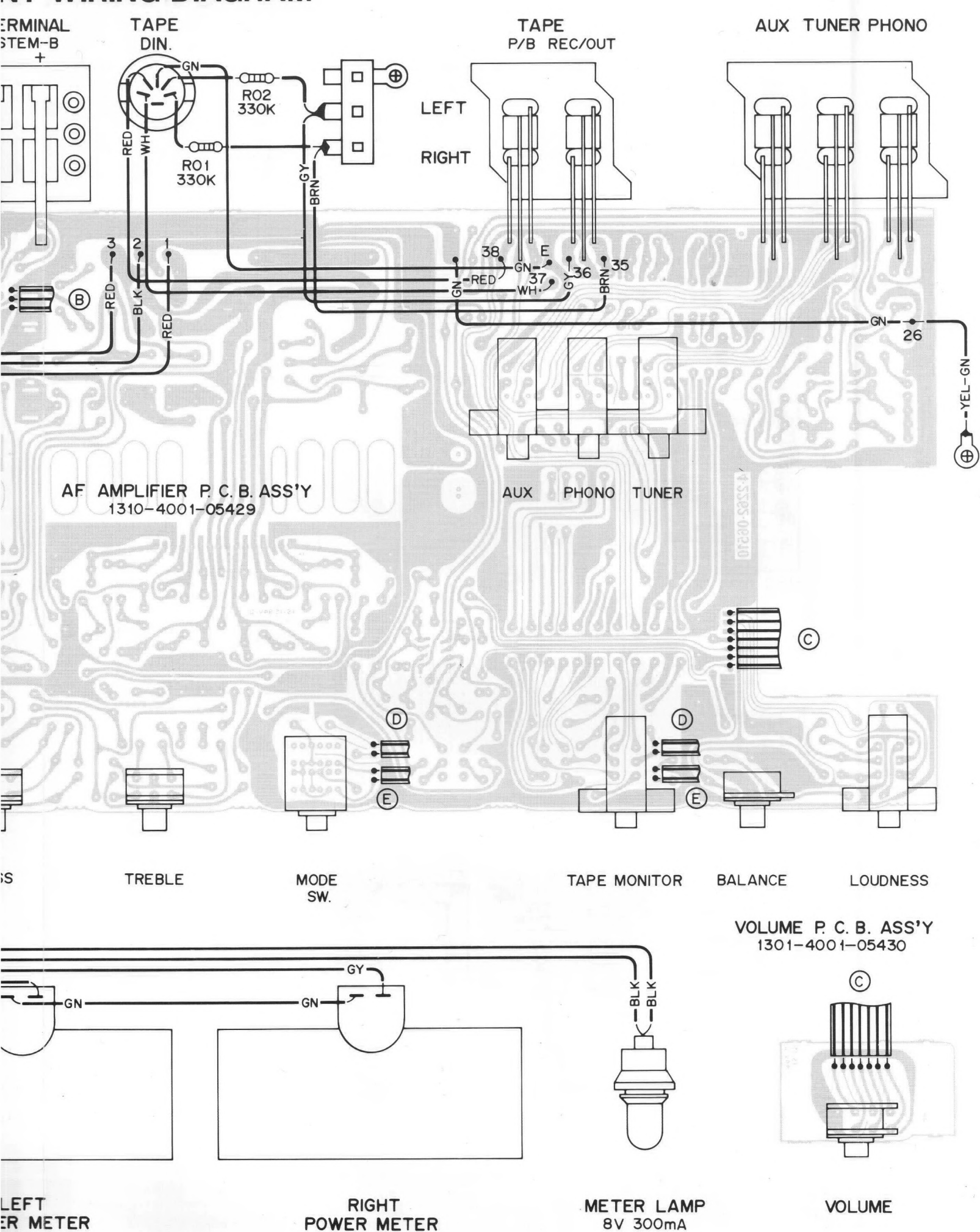
The unit is now ready for 110 V operation. DO NOT attempt to operate the unit on 220 V. Damage will result!



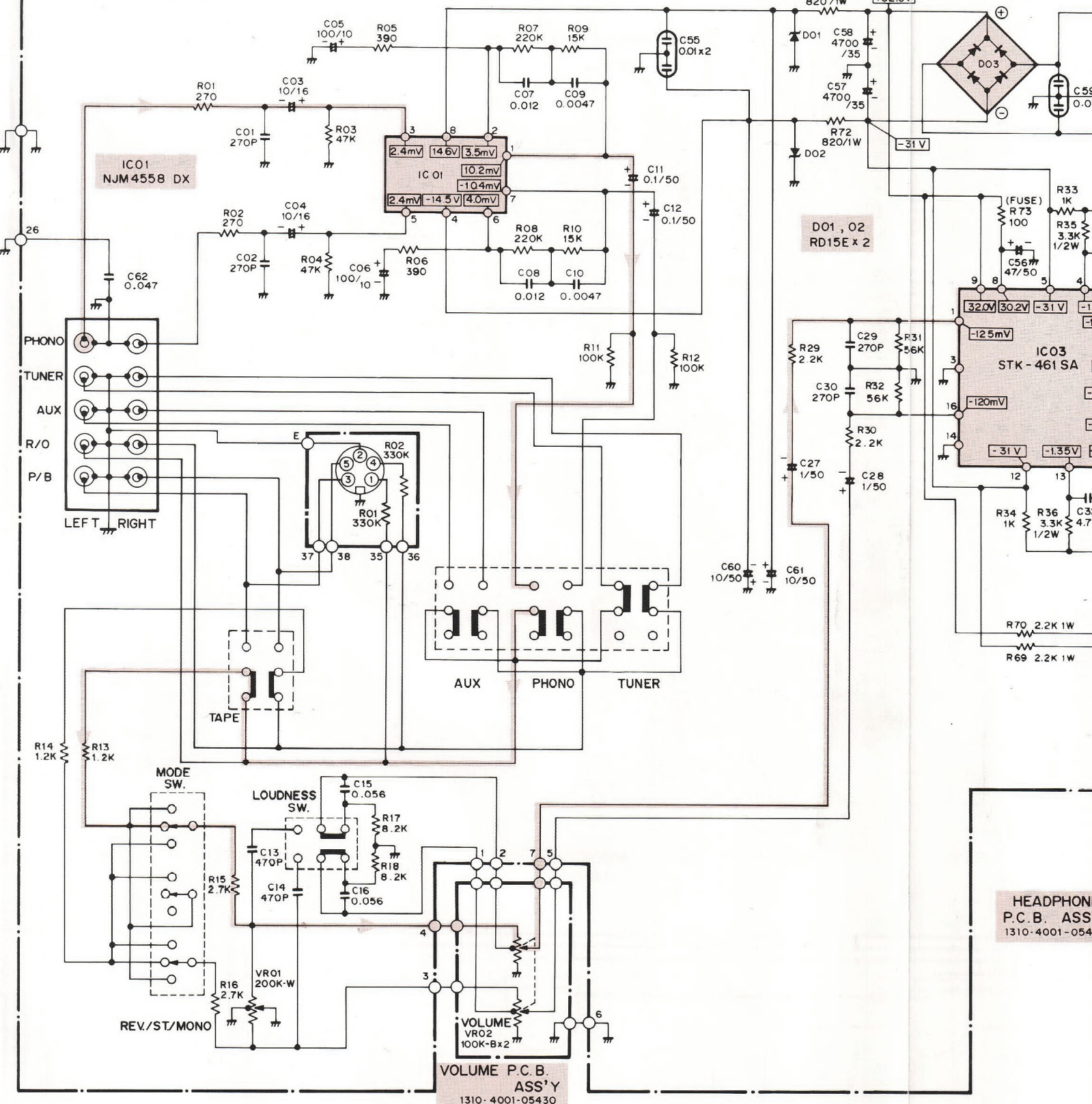


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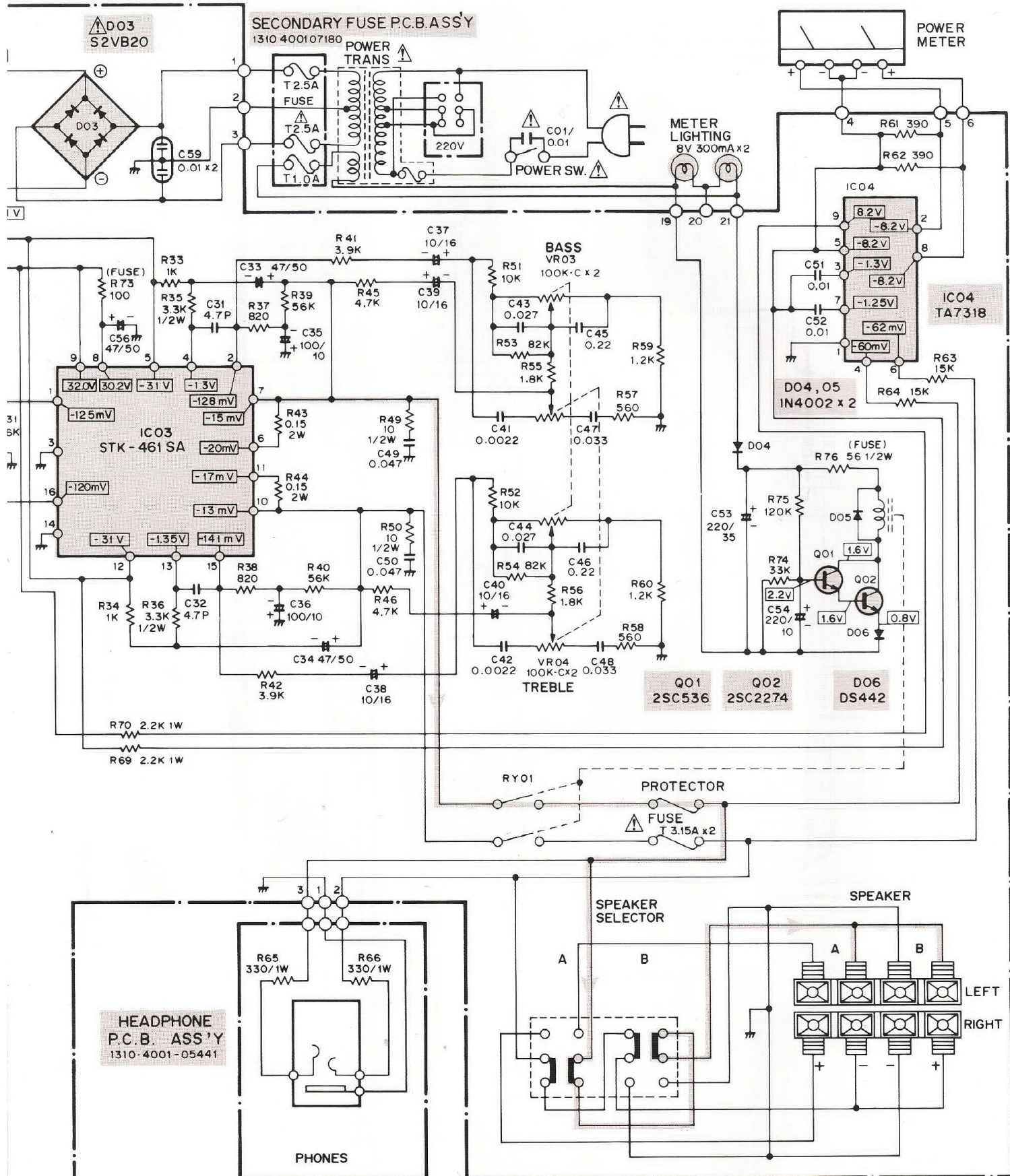




AF AMP P.C.B. ASS'Y
1310-4001-05429



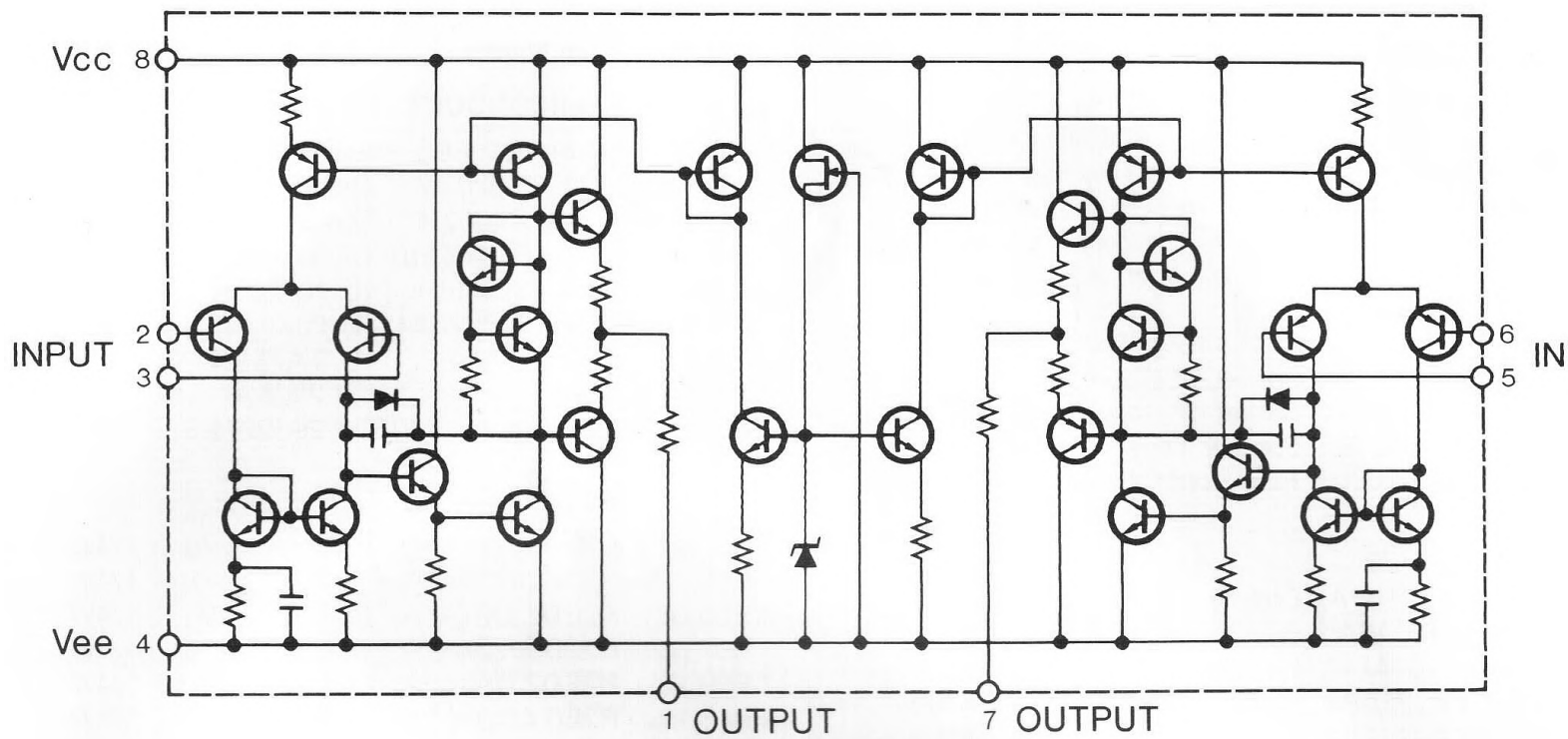
HEADPHONE
P.C.B. ASS'Y
1310-4001-0544



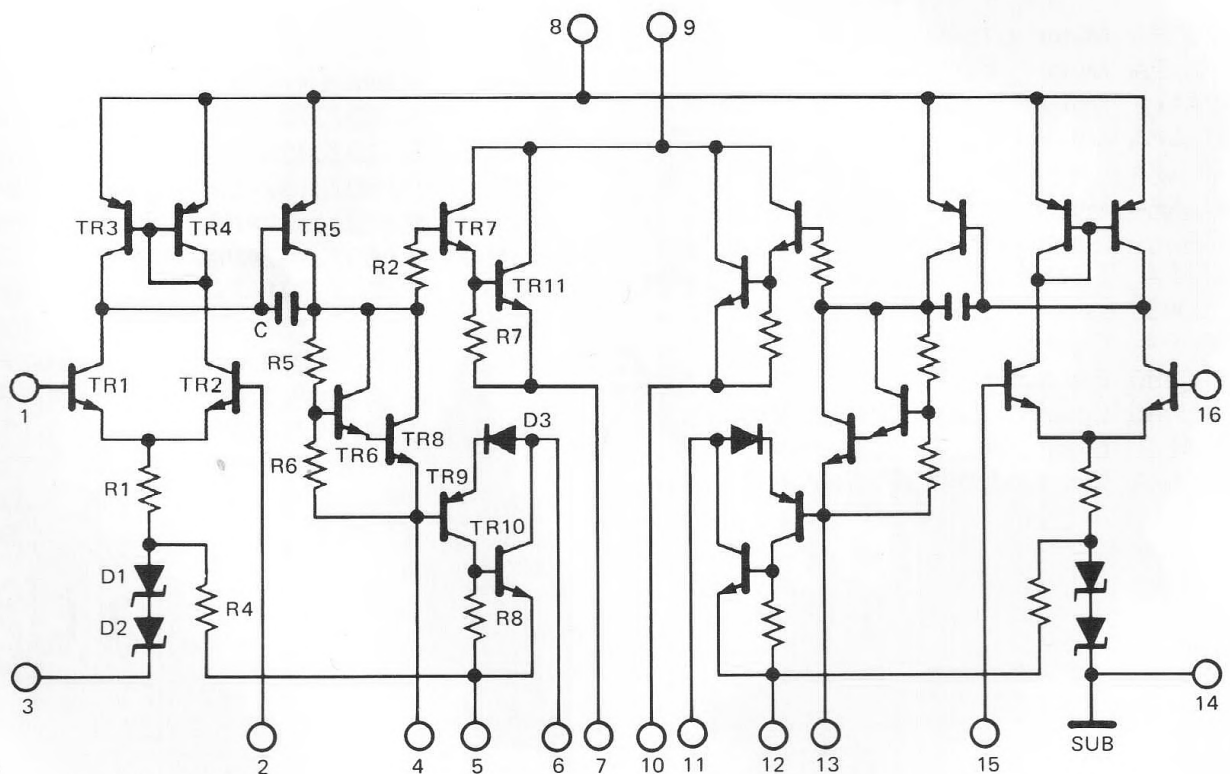
PRODUCT SAFETY NOTICE

PRODUCT SAFETY SHOULD BE CONSIDERED WHEN A COMPONENT REPLACEMENT IS MADE IN ANY AREA OF AN UNIT. COMPONENTS INDICATED BY A MARK  IN THIS SCHEMATIC DIAGRAM SHOW COMPONENTS WHOSE VALUE HAS SPECIAL SIGNIFICANCE TO PRODUCT SAFETY. IT IS PARTICULARLY RECOMMENDED THAT ONLY PARTS SPECIFIED ON THE ATTACHED PARTS LIST BE USED FOR COMPONENT REPLACEMENT POINTED OUT BY THE MARK.

EQ AMP IC NJM4558 EQUIVALENT CIRCUIT



POWER AMP IC STK-461 EQUIVALENT CIRCUIT



VOLUME P.C.B. Assy
131 0 4001 05430

Ref. No.	Parts Number	Description
VR02	4 2222 01880	VR 100k-Bx2

HEADPHONE P.C.B. Assy
131 0 4001 05441

Ref. No.	Parts Number	Description
	4 2352 00190	Headphone Jack

RESISTORS

R65,66	R3AXBJ331A	Oxide Metal Film 330 1W ±5%
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SECONDARY FUSE P.C.B. Assy
131 0 4001 07180

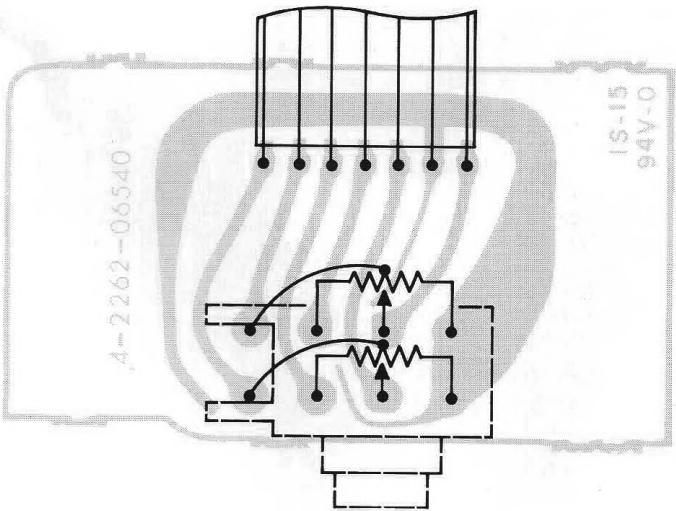
Ref. No.	Parts Number	Description
⚠	4 2349 20380	Fuse 1.0 A
⚠	4 2349 20570	Fuse 2.5 AT
	4 2352 00200	Fuse Hold Clip

- NOTES:
1. Part orders must contain Model Number, Part Number and Description.
 2. Ordering quantity of screws and/or resistors must be multiple of 10 pcs.

PRODUCT SAFETY NOTICE

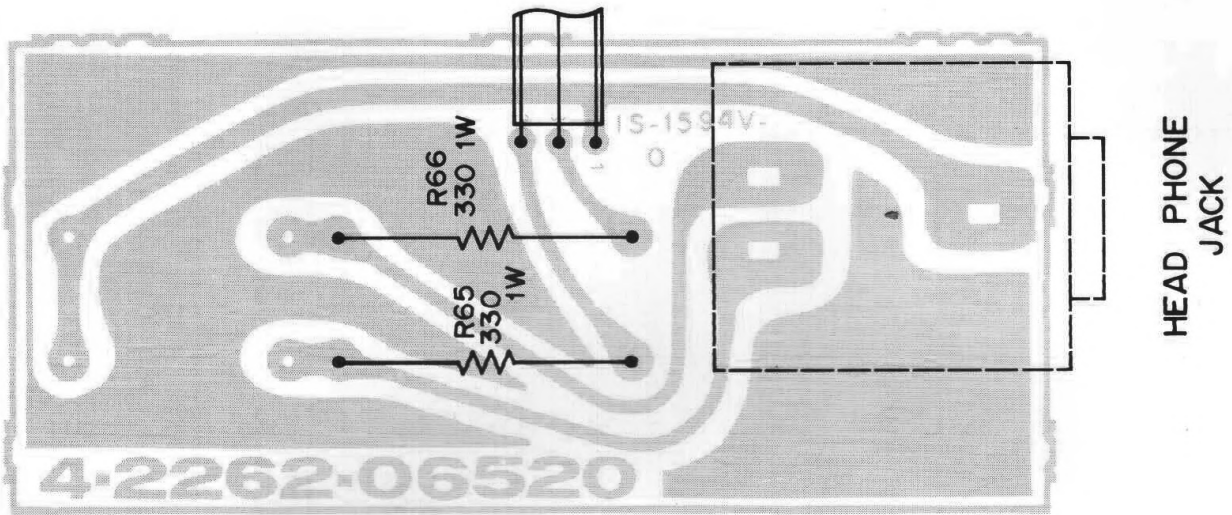
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VOLUME P.C.BOARD
(BOTTOM VIEW)

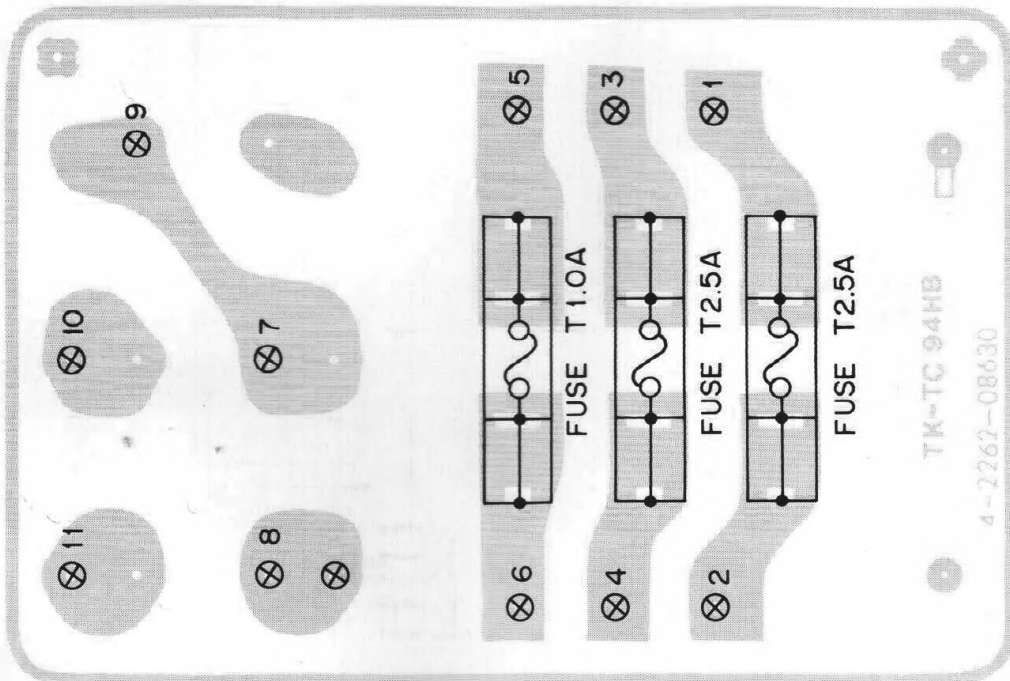


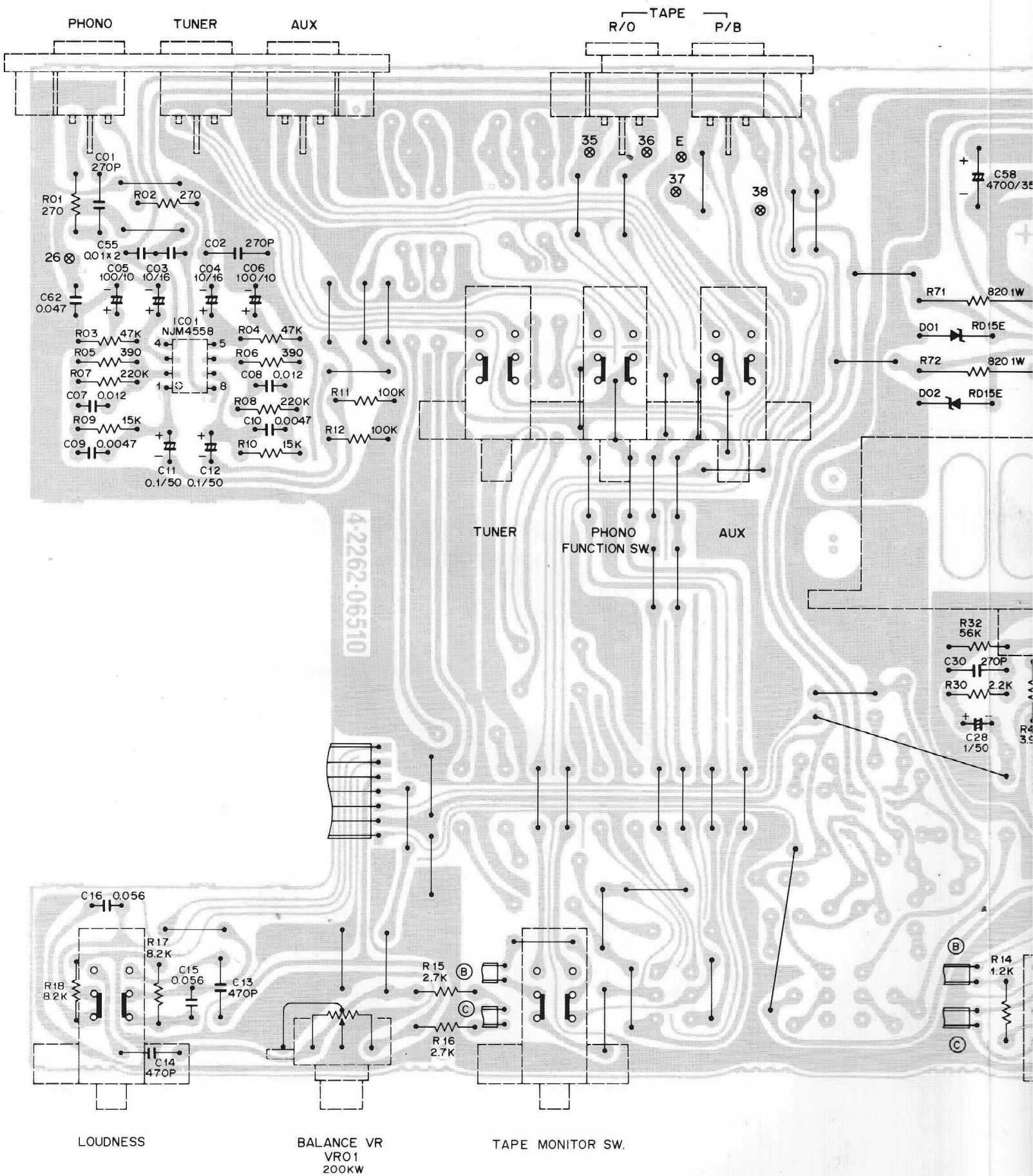
MASTER VR
VR02
100KBx2

HEADPHONE P.C.BOARD (BOTTOM VIEW)



SECONDARY FUSE P.C.BOARD (BOTTOM VIEW)





SPEAKER TERMINAL

