

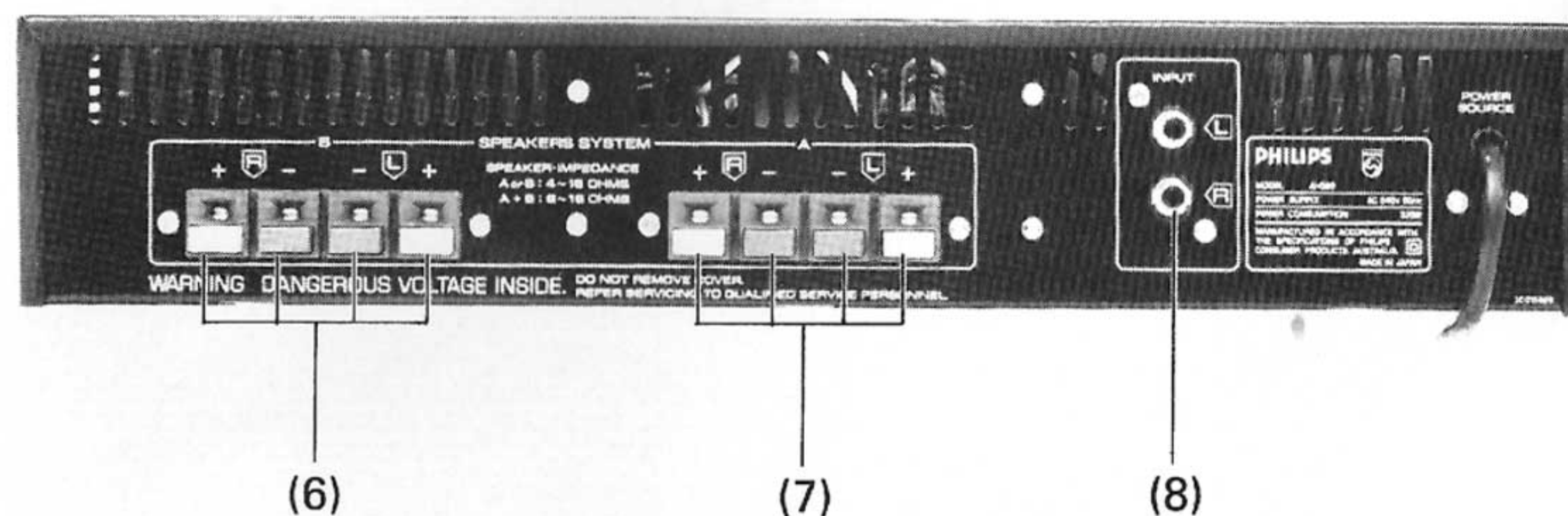
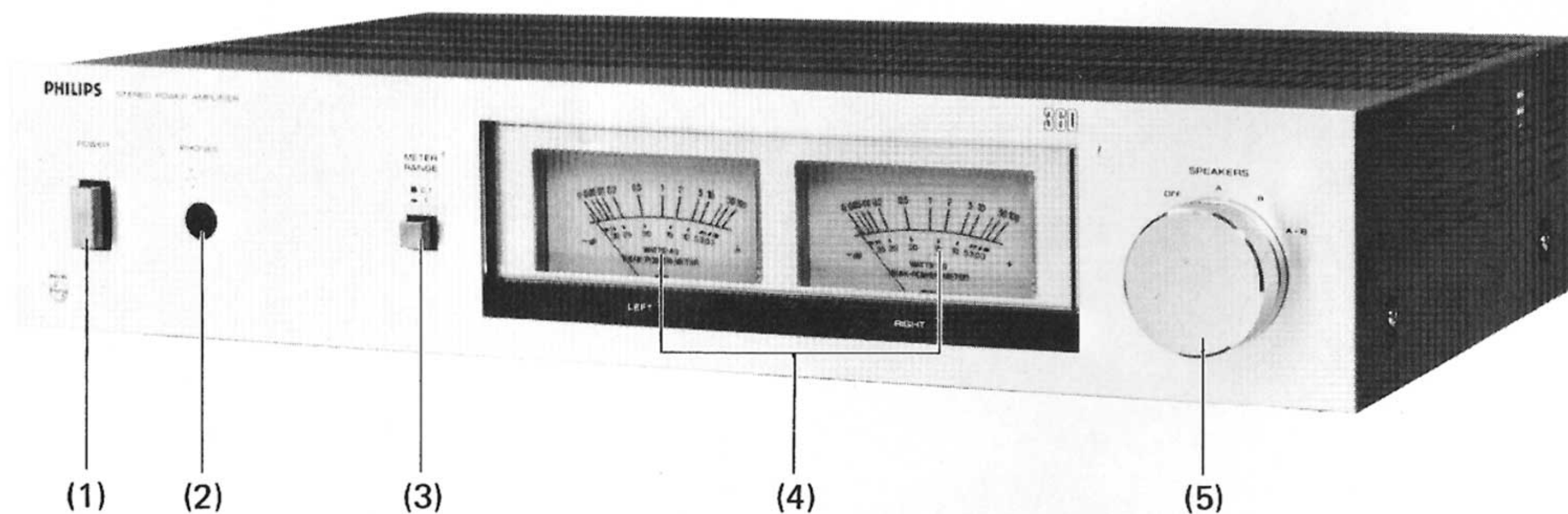


PHILIPS

POWER-AMPLIFIER UNIT

AH360

CONTROLS



- (1) Power Switch
- (2) Headphone Socket
- (3) Meter Range Selector Control
- (4) Peak Power Meters
- (5) Speaker Selector Control
- (6) Speaker Terminals B.
- (7) Speaker Terminals A.
- (8) Input Terminals to Pre-Amplifier

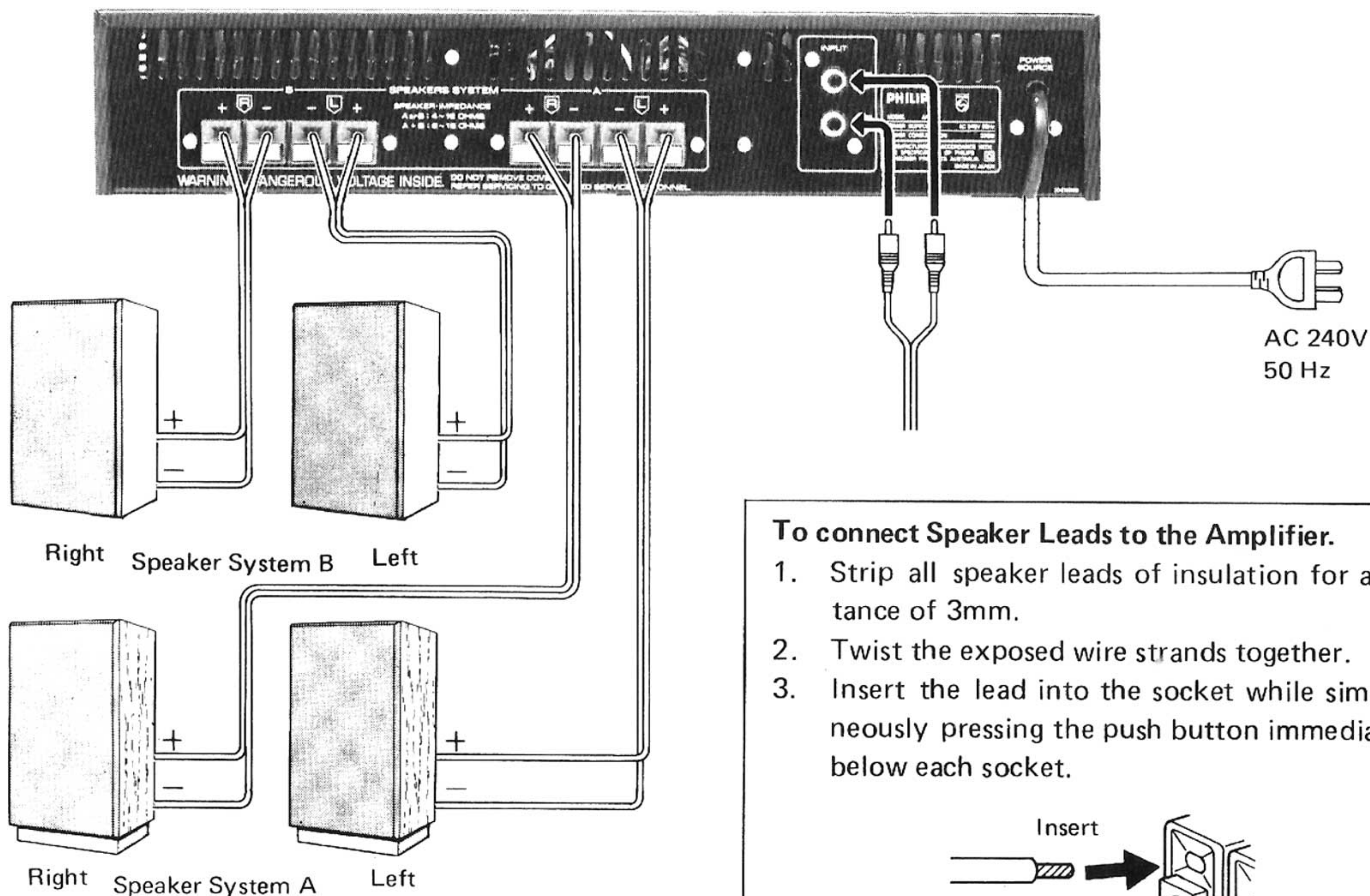
OPERATION

- (a) Connect the system element together using the interconnection diagram for reference. It is important to position the amplifier so that cooling air can freely circulate through the cooling slots provided in the cabinet. If these slots are blocked during installation, breakdowns could result.
- (b) Plug the A.C. power cord into a wall socket and switch on.
- (c) Select the desired speaker pair by rotating the three position selector control (5) as follows:
 - (i) Rotate the control to position "A" to select speaker pair A.
 - (ii) Rotate the control to position "B" to select speaker pair B.
 - (iii) **Only rotate the control to position "A + B" if all speakers have an impedance of 8 ohms or greater.**
This selector position will select both speaker pair A and speaker pair B.

Note: When the selector control is turned to the "off" position only a headphone connected to the headphone socket (2) will operate. The speakers will be disconnected.
- (d) The peak power meters (4) indicate the peak power output within the range from D.C. to 100 kHz. When the speaker impedance is 8 ohms, the meters indicate twice the true output power.
- (e) The meter range selector push-button (3) is used to select the range of the meter reading. With the push-button depressed the meter indicates a peak power of up to 100 watts. With the push-button released, the meter indicates a peak power within the range 0 to 10 watts.

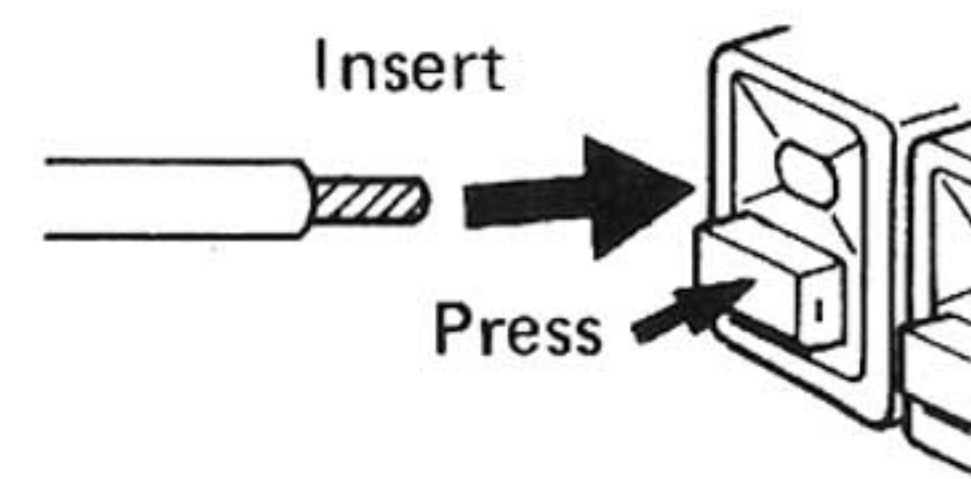
Please Note: Whenever there is any doubt regarding the magnitude of the peak power, press the push-button in to avoid possible meter damage.

SPEAKER CONNECTIONS



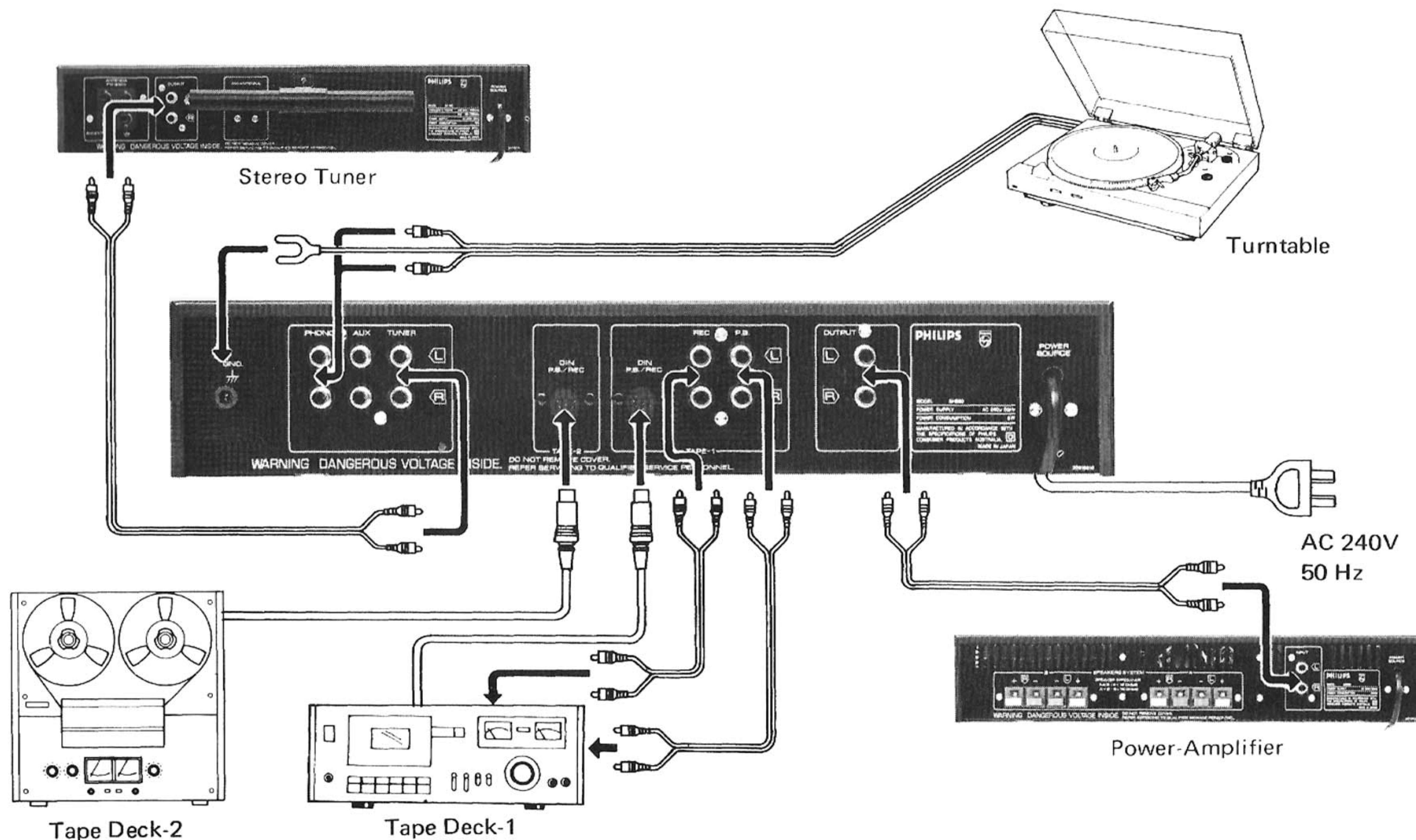
To connect Speaker Leads to the Amplifier.

1. Strip all speaker leads of insulation for a distance of 3mm.
2. Twist the exposed wire strands together.
3. Insert the lead into the socket while simultaneously pressing the push button immediately below each socket.



INTERCONNECTION DIAGRAM

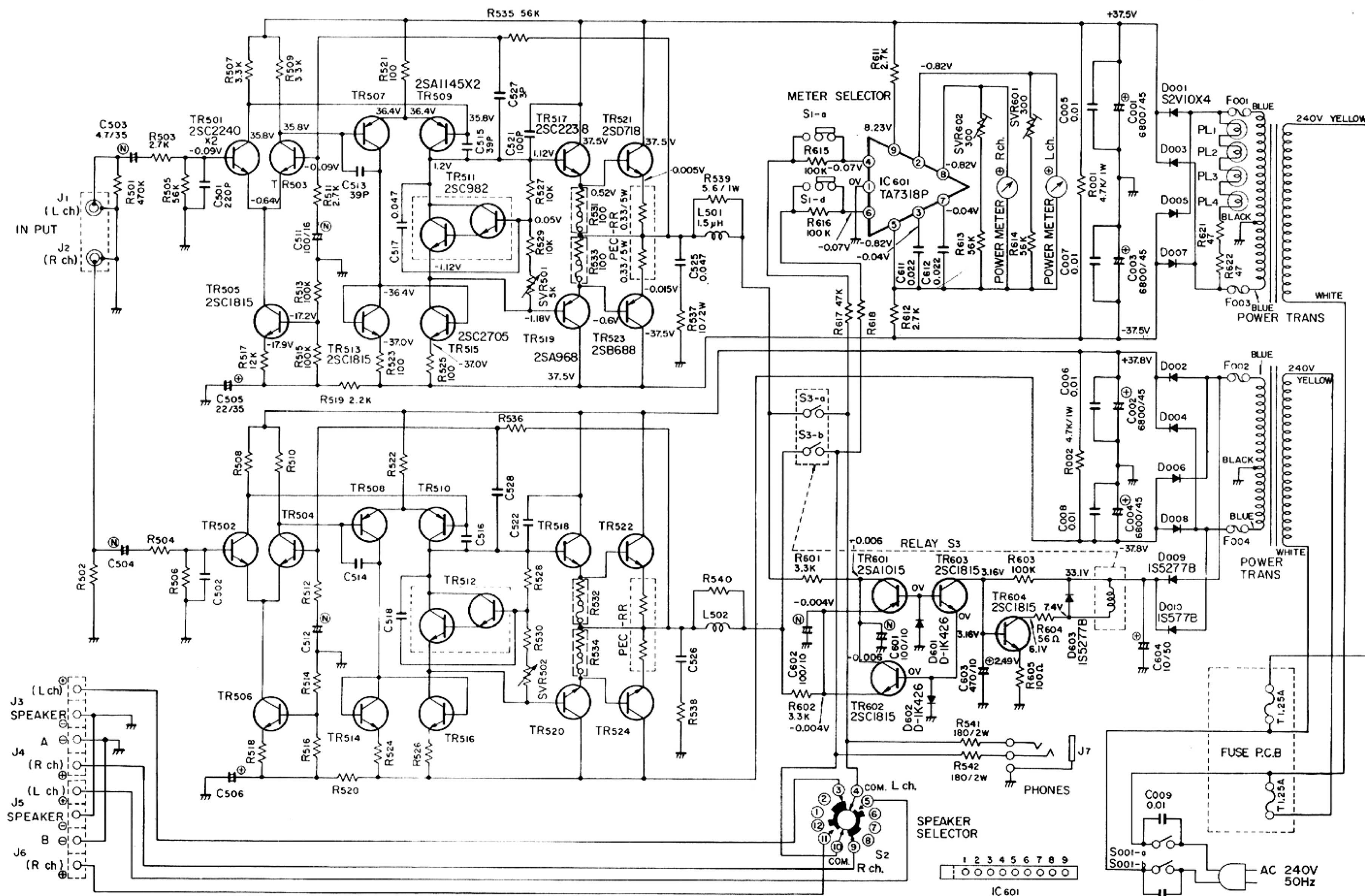
Your AH 360 Philips Power Amplifier is designed as part of a total Philips system, or for individual use with other non-Philips equipment. The interconnecting diagram below shows the arrangements for this unit when combined with Philips MW/FM Tuner Unit AH 160 and Philips Pre-Amplifier AH 260.



POWER-AMPLIFIER SPECIFICATIONS

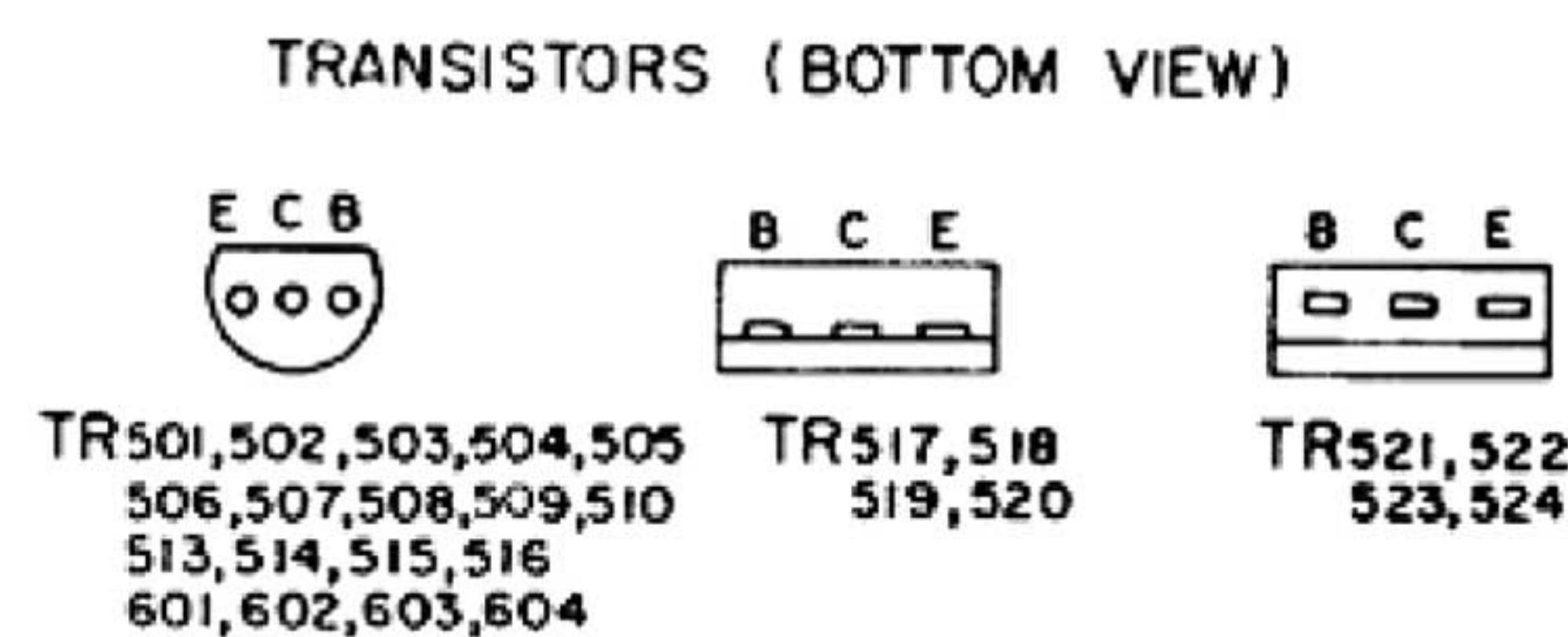
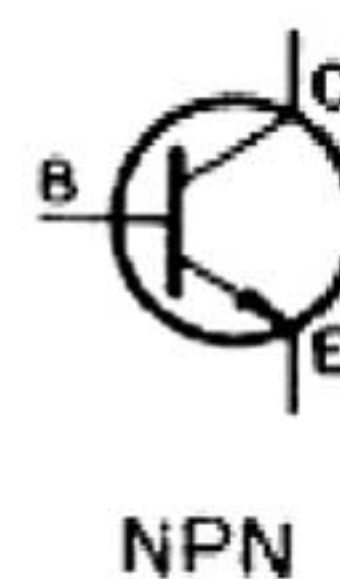
Power Output 50 Watts per channel at 4 Ohms from 20 to 20,000 Hz at 0.08% T.H.D.
Frequency Response 5 to 60,000 Hz.
Signal to Noise Ratio 110 dB.
Power Source 240 V.A.C. 50 Hz.
Approximate Dimensions 430 (Width) x 80 (Height) x 250 (Depth) mm
Approximate Weight 7.5 Kg.

CIRCUIT DIAGRAM



NOTE
1) ALL RESISTANCE VALUES ARE IN OHMS.
ALL CAPACITANCE VALUES ARE IN MICROFARADS.
K=1,000 M=1,000,000 P= $\frac{1}{1,000,000}$

2) METER SELECTOR "S1" IS SHOWN IN "x0.1" POSITION.
3) SPEAKER SELECTOR "S2" IS SHOWN IN "SP OFF" POSITION.



COMPONENTS AND VALUES ARE SUBJECT TO CHANGE WITHOUT NOTICE FOR IMPROVEMENT.

