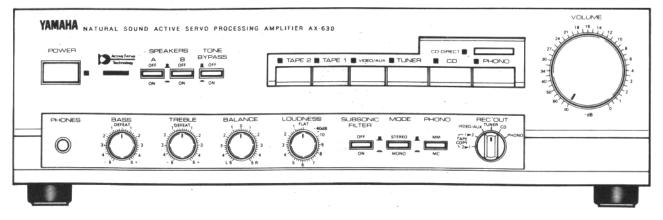
STEREO INTEGRATED AMPLIFIER AX-630 SERVICE MANUAL



IMPORTANT NOTICE

This manual has been provided for the use of authorized Yamaha Retailers and their service personnel. It has been assumed that basic service procedures inherant to the industry, and more specifically Yamaha Products, are already known and understood by the users, and have therefore not been restated.

WARNING: Failure to follow appropriate service and safety procedures when servicing this product may result in personal injury, destruction of expensive components and failure of the product to perform as specified. For these reasons, we advise all Yamaha product owners that all service required should be performed by an authorized Yamaha Retailer or the appointed service representative.

IMPORTANT: The presentation or sale of this manual to any individual or firm does not constitute authorization, certification or recognition of any applicable technical capabilities, or establish a principle-agent relationship of any form.

The data provided is believed to be accurate and applicable to the unit(s) indicated on the cover. The research, engineering, and service departments of Yamaha are continually striving to improve Yamaha products. Modifications are, therefore, inevitable and specifications are subject to change without notice or obligation to retrofit. Should any discrepancy appear to exist, please contact the distributor's Service Division.

WARNING: Static discharges can destroy expensive components. Discharge any static electricity your body may have accumulated by grounding yourself to the ground buss in the unit (heavy gauge black wires connect to this buss).

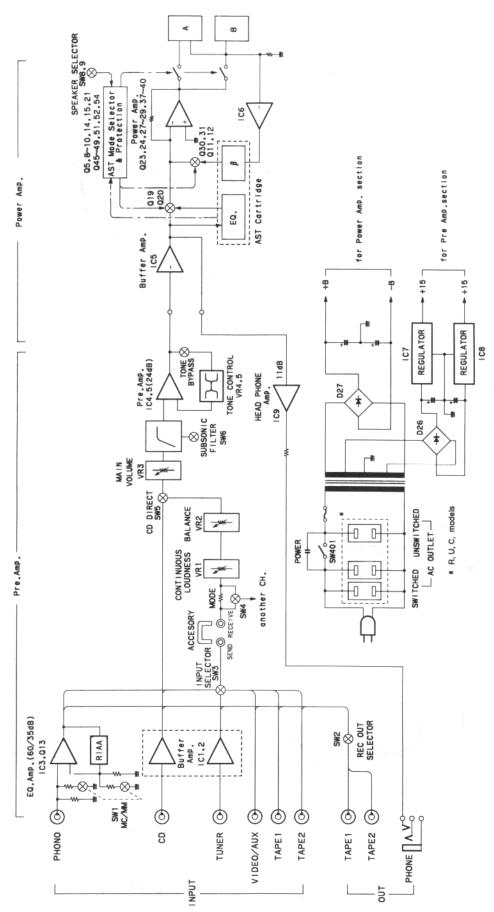
IMPORTANT: Turn the unit OFF during disassembly and parts replacement. Recheck all work before you apply power to the unit.

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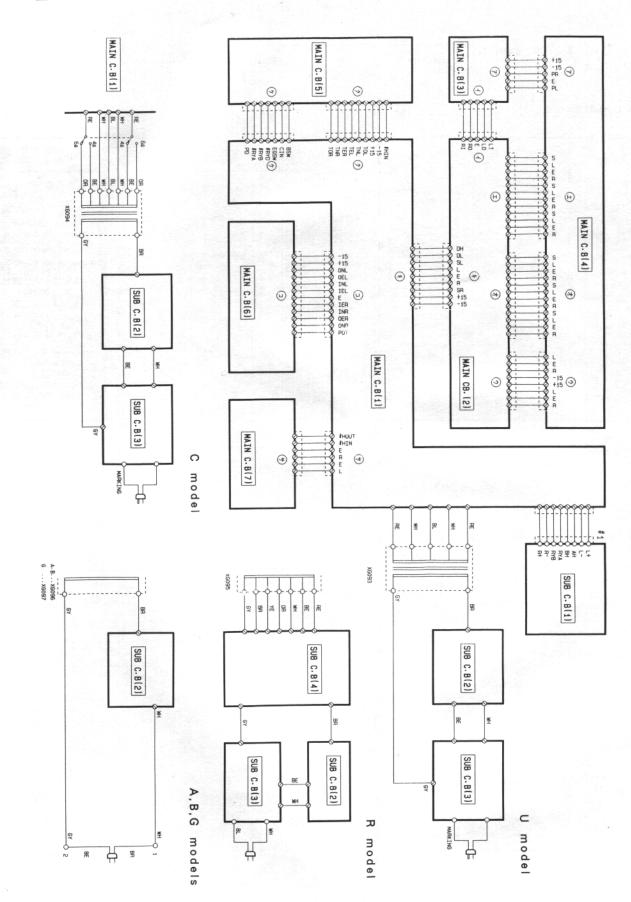


BLOCK DIAGRAM



AX-630

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SCHEMATIC DIAGRAM

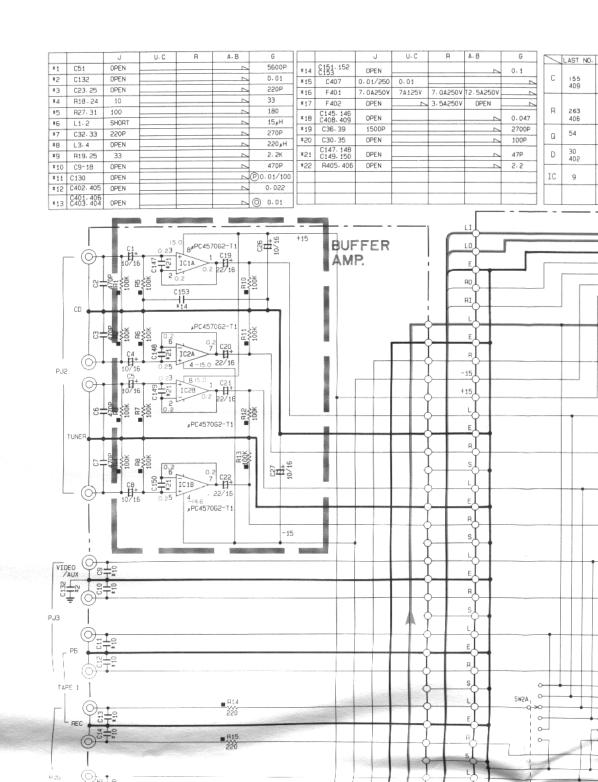
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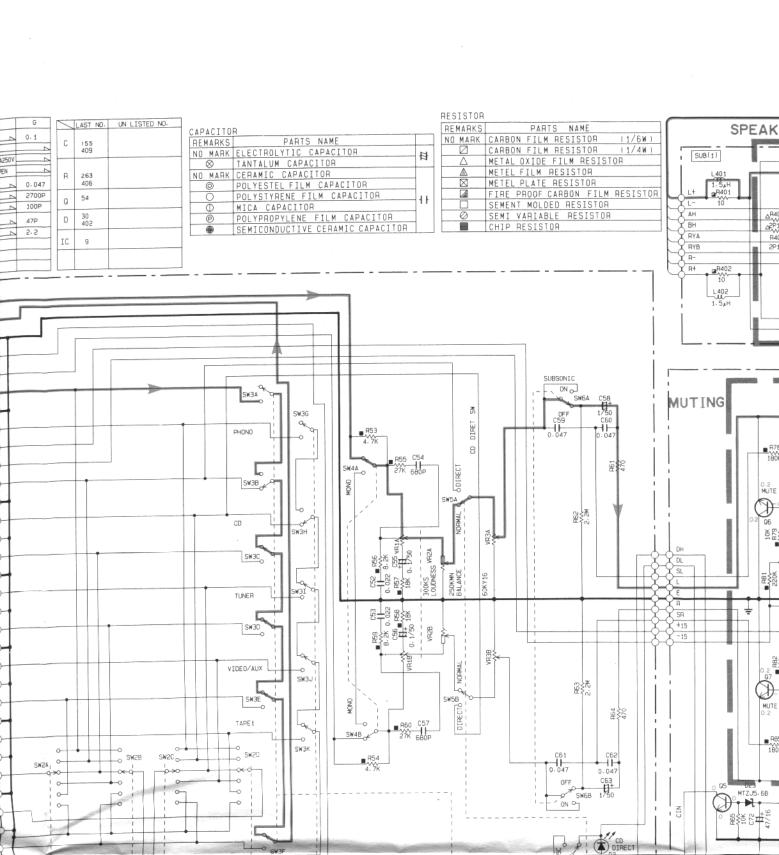
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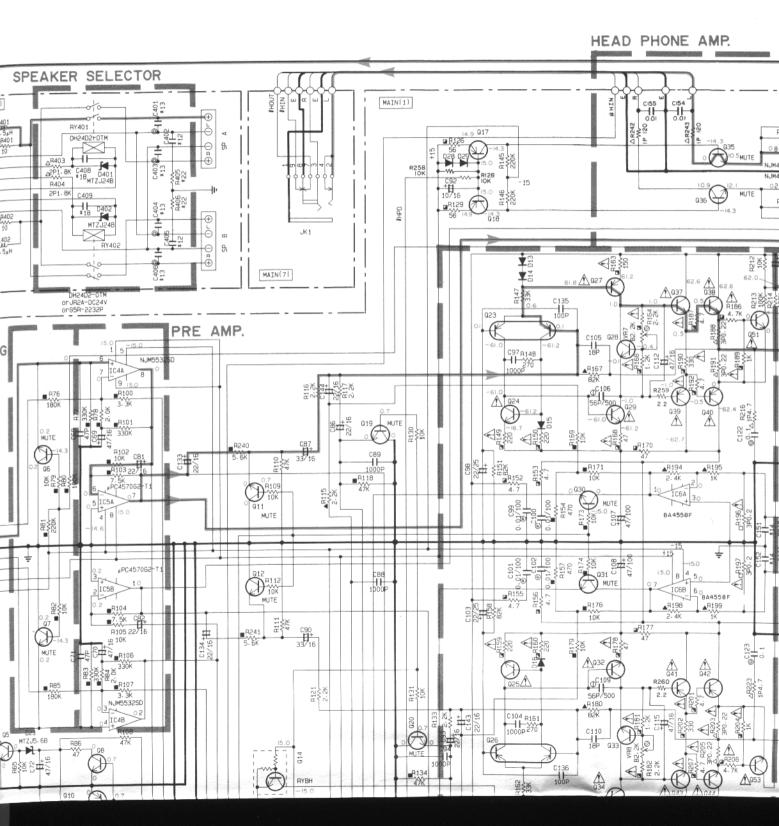
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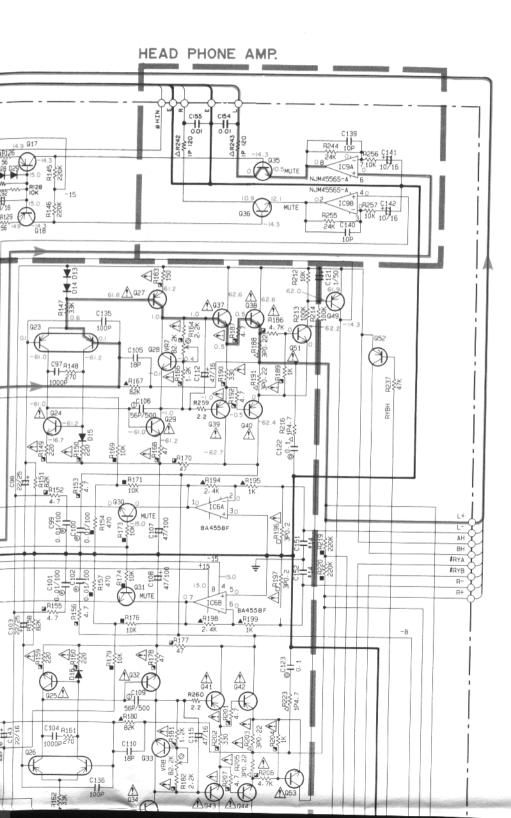


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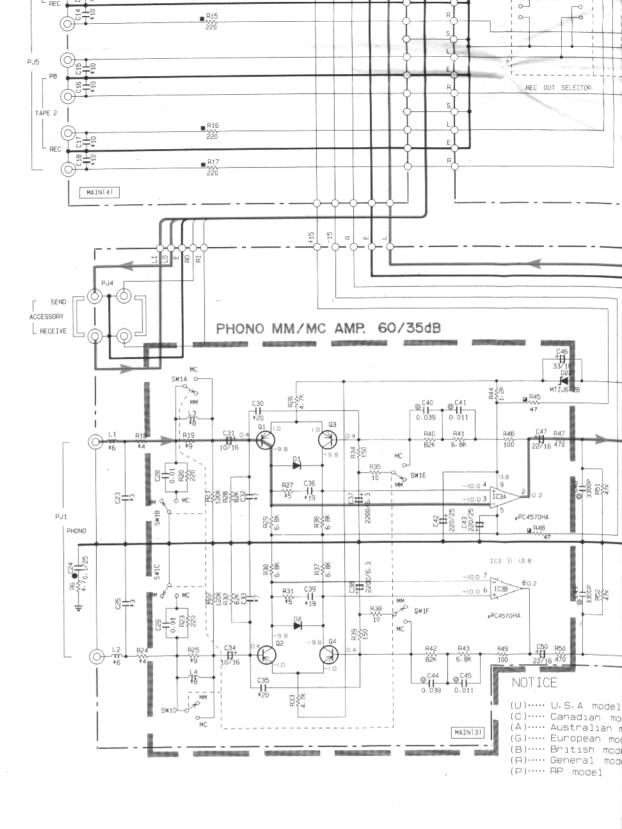


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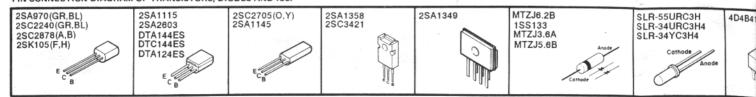
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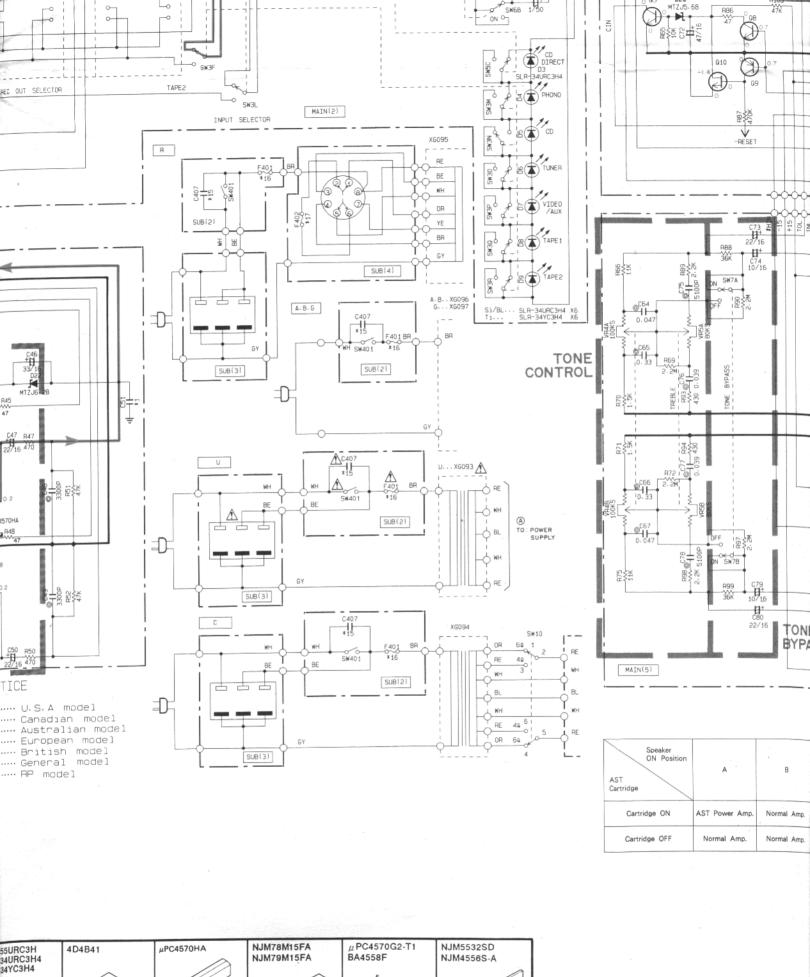
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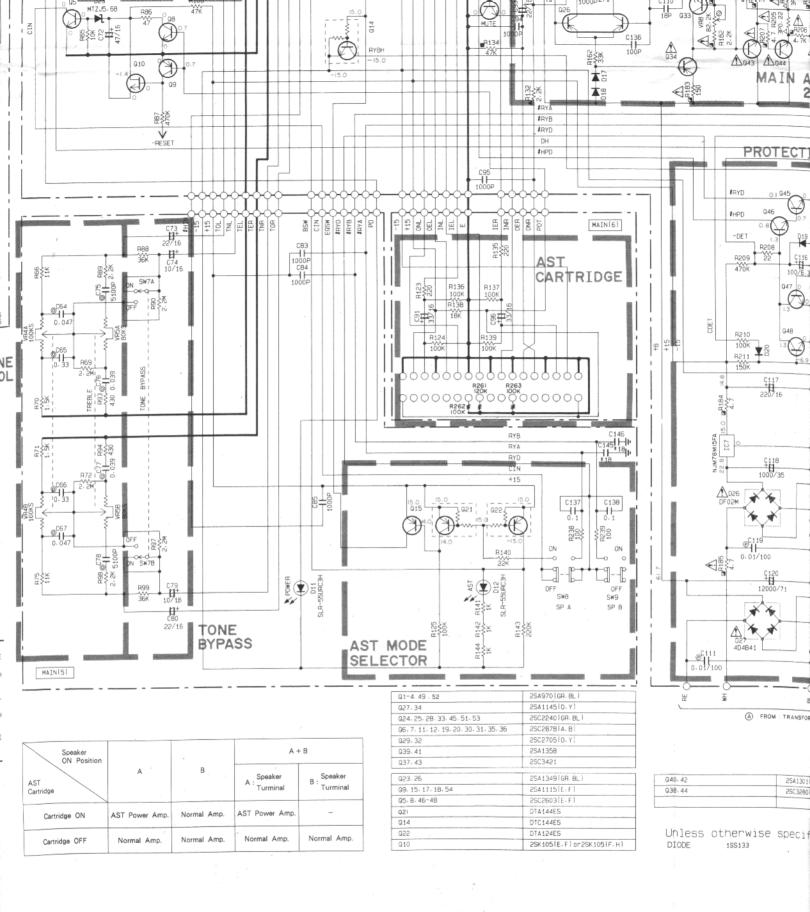
PIN CONNECTION DIAGRAM OF TRANSISTORS, DIODES AND ICS.



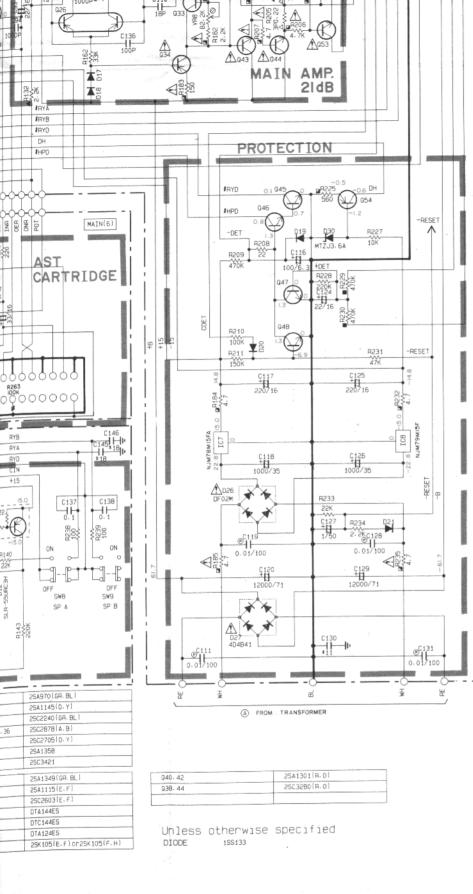


 5URC3H 4URC3H4 4YC3H4
 4D4B41
 μPC4570HA
 NJM78M15FA NJM79M15FA
 μPC4570G2-T1 BA4558F
 NJM5532SD NJM4556S-A

 Comode Anode
 Anode
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- Comp
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- All voltages are measured with a 10M Ω/V DC electric volt meter.
- \bullet Components having special characteristics are marked \triangle and must be replaced with parts having specifications equal to those originally installed.
- Schematic diagram is subject to change without notice.