

**Modifications Notes:**

1. New values for coupling capacitors shown in red. 400V or higher rating.
2. Complete (C401-407) replaced with discrete components of similar values except coupling capacitor: new value shown in red.
3. Switch for modulator driver bypass is a TRST (on-off) sub-miniature type.
4. Thermistor is a CL-60 type. Solder to pin four of relay (K504).
5. Replace Key Jack (L507) with Normally Closed "N" phone jack for unbalanced line input. For usual line-in operation insert phone plug, and remove plug for standard stock mic operation. For balanced line-in use Normally Closed "N" TRS (headphone type) phone jack. See Fig. 1 for associated circuit.
6. Remove HV & zero V from pin 1 & 2 of terminal strip/fitter assembly (TBS01/K505) and install bush.
7. Value of beta voltage reduction resistor jumped across terminals 6 & 7 of TBS01 should be chosen for appropriate output wattage needed. A 7k resistor will produce an output wattage of ~200W. Resistor should be a wirewound power resistor type with a rating of .40W minimum.
8. All modifications shown in red. Original B&W 5100B schematic in black.

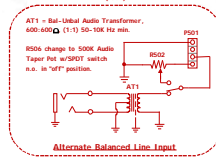


Fig. 1

## Audio Modifications for B&W 5100B

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