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erclockwise direction reduces the high-frequency response of the amplifier. Hence, the control would be used to remove high-frequency noise such as record scratch, to compensate for speakers having poor low-frequency response or to reduce the likelihood of

acoustic feedback (howling).

POWER

This slide-type switch turns the amplifier and off.

INSTALLATION & OPERATING HINTS

FEEDBACK

If speakers are located too close to microphone, acoustic feedback (squealing or howling) may result. In this case, adjust the volume and/or treble controls to the point where feedback is eliminated. In addition, move the speakers to increase the distance between the speakers and microphone.

HUM

Hum-type interference can occur if the connections between the signal sources and amplifier are incorrect or defective. Recheck all connections and test for continuity, in cases where hum occurs. Try reversing the amplifier power plug, and those of units used in system (e.g. phono player) in wall outlet. Check for broken wires, shields and poor connector contacts. Keep input cables away from speaker cables. Keep speaker cables away from transformers and AC power lines. In the case of a phono player, it may be necessary to connect a separate ground wire from the chassis of the phono player to the GND on the rear of the amplifier.

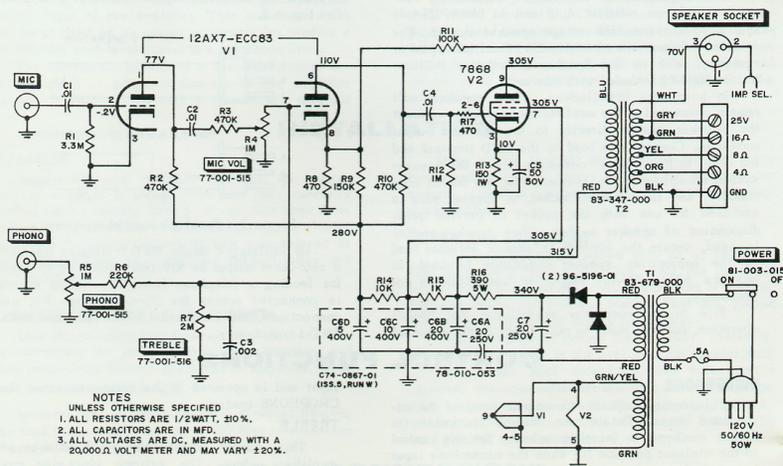
MICROPHONE TECHNIQUE

Speak directly into microphone in a normal voice, at a distance of approximately 6" to one foot from microphone. Speak deliberately with even speed and loudness. Don't shout. Leave a space between words and pronounce each word. Sound final consonants. Do not sing-song or drop words here and there.

Do not swallow or drop the last word. Speak final word with same emphasis as first word. Be conscious of sound of each word as you speak it. Each word spoken into microphone must be clearly heard for meaning to be understood.

FUSE

A 0.5 ampere slo-blo fuse is located in a holder at the rear of the amplifier. To replace fuse, press spring-loaded cap slightly inward, rotate counterclockwise, and withdraw cap and fuse. Use only a fuse of the same rating for replacement. If a second fuse blows, do not make any further attempt to operate unit. Consult a Bogen representative or other competent technician for inspection of unit.



NOTES
UNLESS OTHERWISE SPECIFIED
1. ALL RESISTORS ARE 1/2 WATT, 20%.
2. ALL CAPACITORS ARE IN MFD.
3. ALL VOLTAGES ARE DC, MEASURED WITH A 20,000Ω VOLT METER AND MAY VARY ±20%.

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Figure 3 - Schematic Diagram Model CHB10A

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