

NOTES ON THE TYPE B MICROPHONE

I. The type B microphone is a dynamic microphone with the following characteristics:

- a. Size - .900 inches in diameter and 2 inches in length
- b. Output impedance - 75 or 300 ohm balanced
- c. Output level - about 40 ^{2 mV} microvolts/dyne/cm² at 1000 cps
for the 75 ohm connection -62 dbm/10 dynes/cm² at 1000 cps.
- d. Weight- 2½ ounces
- e. Frequency response - about 200-6000 cps
- f. Provision for use with ¼" diameter probe

II. Operational procedure for use of the B microphone

- a. Remove the two screws on the back cover for access to the terminals of the microphone.
- b. After the back cover has been removed attach the microphone wire to the appropriate terminals. Use the 0 and 75 ohm terminals for a 75 ohm impedance or the 0 and 300 ohm impedance.
- c. The microphone wire is brought out the grommet hole on the back cover.
- d. If a two conductor shielded wire is used attach the shield of the wire to the ground lugs on the back cover.
- e. Replace the back cover.
- f. Do not attempt to loosen the two screws located on the main microphone assembly. These screws hold the microphone housing to the case.