

REPLACING BATTERIES, IMPEDANCE CHANGE

When batteries are to be replaced, the microphone must be opened. Care should be taken in opening the unit, but opening is simple. Proceed as follows:

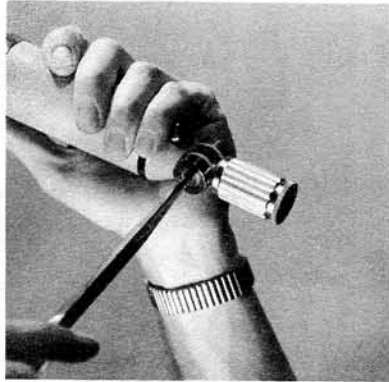


Fig. 4: First remove the large screw from the swivel at the base of the microphone, using a large screwdriver or coin.

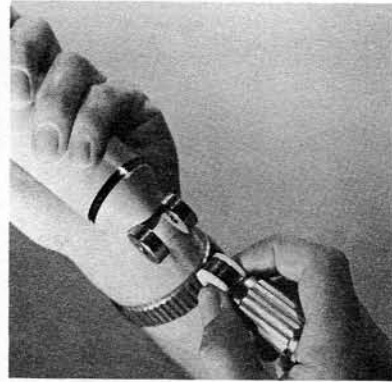


Fig. 5: The swivel and the two Teflon washers may now be removed to reveal the tapered base section.

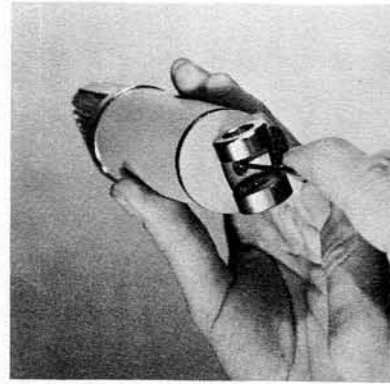


Fig. 6: Unscrew the Allen screw at the base of the microphone about five turns with the wrench provided. Grasp the microphone body firmly and push in on the Allen wrench until the screw bottoms, pushing the screen top up slightly. Remove the screw completely

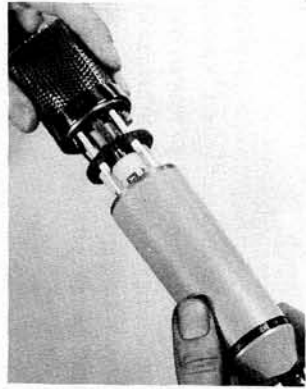


Fig. 7: Gently remove the inner module by pulling up on the screen top.



Fig. 8: When replacing batteries, observe polarity markings on the printed circuit board A2. Notice that the two sets of batteries have different diameters and that the construction of the battery bracket makes it impossible to install the batteries in the wrong compartments.

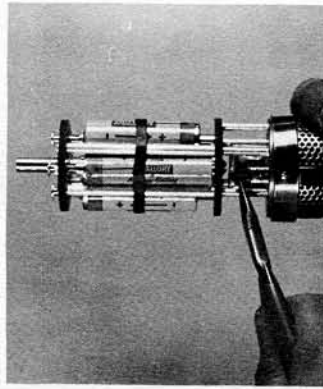


Fig. 9: Immediately above the battery bracket module is the amplifier module. On one side of this module you will note four small gold pins used for impedance strapping. As shipped, the output impedance is set for 200 ohms. If desired, the output impedance may be changed to 50 ohms by restrapping.

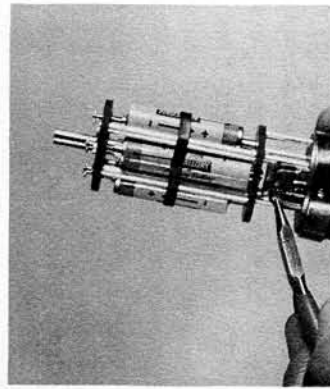


Fig. 10: To set for 50 ohms, remove the small patch cord from the two inner pins by pulling gently. Using this patch cord and the additional cord provided, connect as shown.

Restore the microphone to operating condition by replacing the parts as described in the disassembly operation.