



ALTEC
LANSING

**677B
MINIATURE MICROPHONE**

OPERATING INSTRUCTIONS

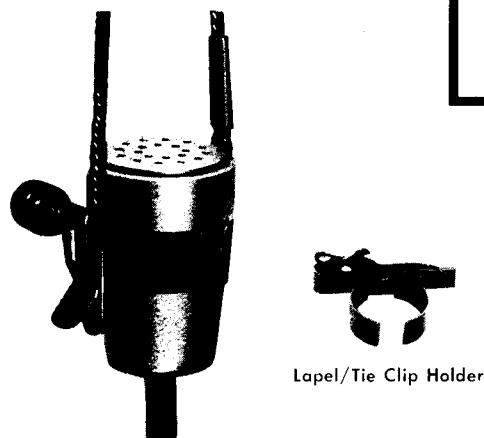


Figure 1: 677B used as a lavalier microphone.

DESCRIPTION

The Altec 677B, a miniature dynamic microphone, is designed for any application which requires excellent voice reproduction and the convenience of a miniature microphone. The omnidirectional pickup pattern allows a uniform sound pickup from all directions. The diaphragm is made of polyester, assuring a smooth, peak-free frequency response. This diaphragm is highly resistant to the effects of blast and shock and is not affected by chemically corrosive atmospheres. The microphone will operate within its given specifications from -20 degrees to $+140$ degrees Fahrenheit. Since the 677B Microphone is light in weight and small in size, it may be used as a lavalier microphone. The microphone is shipped from the factory with a lavalier assembly and neck cord for this purpose. The lavalier neck cord is made of nylon and allows quick and easy attachment of the lavalier assembly.

When the microphone is to be permanently mounted on pulpits, lecterns, switchboards, etc., the Altec 35A Flexible Microphone Mount (Figure 2) is recommended. The 35A is a lightweight, 13 inch, chrome, gooseneck microphone mounting. Since the mounting is flexible, the microphone may be moved to the required position easily, quickly and silently. The 35A mounts directly on the 40933 Mounting Flange (Figure 2). The mounting flange is constructed of chrome plated diecast zinc and may be mounted either horizontally or vertically.

The microphone element is field replaceable by unscrewing the microphone cap, removing the microphone cartridge from the shell and installing the new unit.

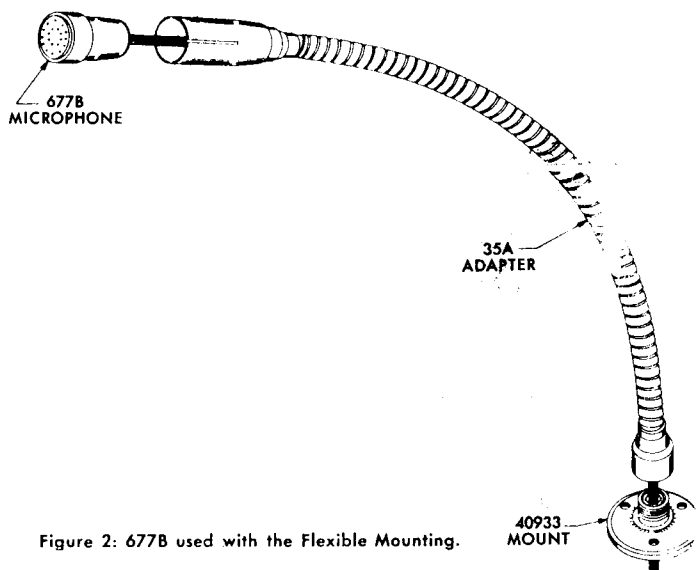


Figure 2: 677B used with the Flexible Mounting.

SPECIFICATIONS

Type:	Moving Coil Dynamic Microphone
Frequency Response:	70 to 12,000 cycles when used as a lavalier
Output Impedance:	150/250 ohm
Output Level:	-58 dbm/10 dynes/cm ²
Pickup Pattern:	Omnidirectional
Hum:	-120 db (Ref.: 10^{-3} Gauss)
Dimensions:	$\frac{7}{8}$ " diameter at top to $\frac{3}{4}$ " at cable entrance, $1\frac{3}{8}$ " long
Weight:	0.91 oz. (not including cable or lavalier assembly)
Finish:	Baked enamel, non-glare dark green
Mounting:	"Slip-on" lavalier assembly No. 40702 furnished. Microphone complete with 20 feet of 2-conductor shielded cable (100% shield). The 35A Flexible Microphone Mounting and the 40933 Mounting Flange are available separately for mounting of the 677B on lecterns, pulpits, etc.
Accessories:	41496 Lapel/Tie Clip Holder furnished. For 35A Flexible Microphone Mounting, 40933 Mounting Flange, floor stands, on-off switches, adapters and other microphone accessories see "Microphone Accessories" sheet.

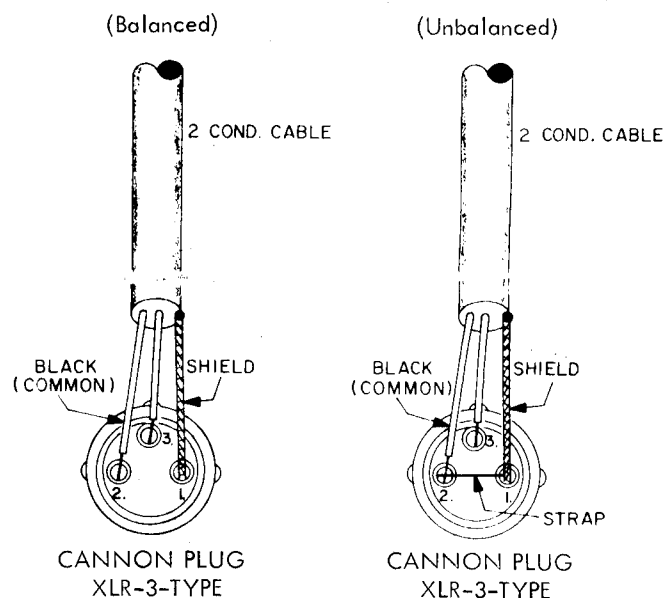


Figure 3: Typical microphone cable connection at amplifier end, when using a Cannon XLR-3-type connector.

Should your microphone, through accidental damage, become inoperative it may be replaced by your ALTEC Distributor under an exchange plan or may be returned, transportation charges prepaid, for exchange. Service Manager: ALTEC LANSING, 1515 South Manchester Avenue, Anaheim, California



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New York

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