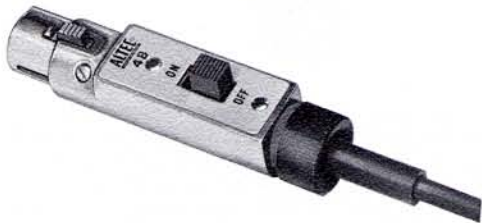


# Altec MICROPHONE ACCESSORIES

## 4B SWITCH



The 4B Microphone Switch is designed for use with the 682, 683, 684 and 685 ALTEC Microphones. These microphones are equipped with 3 pin Cannon XLR-3-12 connectors and will accept the XLR-3-11 Cannon Plug in the 4B switch assembly.

When the switch is in the "Off" position a "short" is placed across the microphone. When the switch is moved to the "On" position, the short is removed and the microphone is ready for operation.

This facility makes it possible to use this switch with any of the above series microphones and the attachment of the switch does not require any change in the microphone connections or wiring.

## 7A MICROPHONE SWITCH



Designed for use with the ALTEC 26A desk type microphone stand, the switch kit includes a red jewel pilot light and socket (GE #12 for 6.3v operation). The switch incorporates both "push-to-talk" and "lock-to-talk" positions which also provides the necessary switch contacts for remote relay or similar operations.

Two sets of contacts comprise the 7A switch: The first, a shorting (Form 'A') arrangement places a short across the microphone line when idle; the short is removed when the control knob is depressed. The second portion of the switch utilizes a transfer (Form 'C') contact, whereby a single input line is connected to one of two output lines, depending upon the position of the control button. The spare (Form 'C') contacts may be used for the operation of relays, indicator lights, etc.

Rotating the control button 90 degrees places both switches in a locking position for messages of long duration; return of the knob to its original position once again places the short across the microphone line and operates the 'Form C' section. A white indicator line clearly indicates the position of the button at a glance.

CABLES AND HOLDERS  
PLUG-IN TRANSFORMERS  
POWER SUPPLIES  
RACK MOUNT  
STANDS  
SWITCHES  
WIND/POP SCREENS  
M20 AND M30  
MICROPHONE ACCESSORIES  
M49, M50, M51, M52  
MICROPHONE ACCESSORIES  
639, 633, 632C  
MICROPHONE ACCESSORIES

## 22C FLOOR STAND

The ALTEC 22C is a rugged microphone floor stand weighing thirteen pounds. The stand has a wrinkle gray base with a chrome stand and is adjustable from 35 inches to 64 inches, has a  $\frac{3}{8}$ "-27 thread for microphone attachment. A separate adapter for a  $\frac{5}{8}$ "-24 microphone thread is also furnished.



## 24C DESK STAND



The ALTEC 24C is a desk stand that provides the proper microphone height on speakers tables, etc. The 24C has a gray finish and has a  $\frac{3}{8}$ "-24 thread for microphone attachment. A separate adapter for  $\frac{5}{8}$ "-27 microphone threads is also furnished. The 24C Desk Stand weighs approximately three pounds.



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New York

### 26A DESK STAND



The ALTEC 26A Desk Stand is a sturdy microphone stand that weighs approximately two pounds and is finished in dark green. The 26A includes a chrome finished stem riser having  $\frac{5}{8}$ " — 27 threads which brings the overall height of the desk stand to approximately 4 inches. The cast iron base provides great stability and protection against accidental microphone damage by tipping. Provisions are made on the 26A Desk Stand for the installation of the ALTEC 7A microphone switch.

### 34A SHOCK-MOUNTED DESK STAND



The 34A Desk Stand is a modern, functional addition to any microphone (having  $\frac{5}{8}$ " — 27 thread) which must be mechanically isolated from any source of vibration. The 34A may be used with the 687 announce and page microphone, or, with the 12A adapter, the 34A desk stand may be used with the ALTEC 681, 682, 683, 684, 685, 688, or the 689 microphone. The 34A desk stand is particularly useful in areas which have a large amount of low-frequency ambient noise, such as industrial plants, transportation terminals, etc.

### 35A FLEXIBLE MOUNTING AND 40933 MOUNTING FLANGE

The ALTEC 35A Flexible Mounting is a gooseneck 13" long that will add versatility to ALTEC 677B Microphone applications. This microphone achieves excellent voice reproduction with the convenience of a lightweight, miniature dynamic design. The 35A has a standard  $\frac{5}{8}$ " — 27 thread that is compatible with any desk or floor-type microphone stand. When used with the 40933 Mounting Flange, the gooseneck can be mounted in any position — vertical, horizontal, inverted — for maximum microphone utility. The 40933 Mounting Flange measures only  $1\frac{3}{8}$ " in diameter.



### 179A SHOCK MOUNT



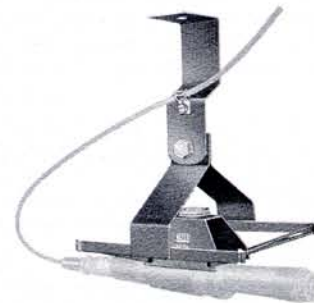
The ALTEC 179A Shock Mount is extremely light in compliance being designed for use with the M49 through M52 series lightweight ALTEC Condenser Microphones. It contains a Neoprene shock-absorption assembly that prevents microphone reproduction of external vibrations and bump and scrape noises. The 179A measures  $2\frac{7}{8}$ " long, with a 1" diameter and weighs  $2\frac{1}{2}$  oz. It is equipped with a standard  $\frac{5}{8}$ " — 27 thread.

### 180A SHOCK MOUNT



The ALTEC 180A Shock Mount is heavier, longer and stiffer than the 179A. Its Neoprene shock-absorption assembly effectively prevents external vibrations and bump and scrape noises from transmitting to the microphone. It is designed to be used with the following ALTEC Dynamic Microphones: models 681, 682, 683, 684, 685, 688, and 689. The shock mount measures  $3\frac{3}{4}$ " long with a 1" diameter and weighs 4 oz. It is equipped with a standard  $\frac{5}{8}$ " — 27 thread.

### 181B BOOM MOUNT



The ALTEC 181B Boom Mount accommodates most microphones in current use; the lightweight, simplified construction, and ease of installation combine to provide the benefits of adjustable shock-mounting for all fixed and mobile boom usage.

### 192A WIND/POP SCREEN



The ALTEC 192A Wind/Pop Screen efficiently protects the M49 through M52 microphones against the pickup and transmittal of undesired wind noise, when the microphone is used outdoors, or on a boom mount subject to rapid movement, and "pop" in close-talking applications. The 192A provides up to a 24 dB reduction of wind/pop noise with a minimal effect on the frequency response of the microphone.

### 191A MICROPHONE HOLDER



The ALTEC 191A Microphone Holder is a small, extremely lightweight unit that provides simple "slide-on" microphone placement and removal. Its swivel design will maintain the microphone in any desired position. The  $\frac{5}{8}$ " — 27 standard threaded base fits any type of standard microphone floor or desk stand. The 191A can be used with the M49 through M52 series microphones and 650A, 651AH microphones as well as any other microphone with a straight  $\frac{3}{4}$ " diameter shell.

### 194A CABLE SET



The ALTEC 194A Cable Set consists of a 25-foot length of two-wire shielded, jacketed microphone cable equipped with one XLR3-12 and one XLR3-11C connector. The cable may be used between the base and the power supply, the power supply and the amplifier, or, in multiples as extensions. The 194A can be used with the following ALTEC microphones: M49 through M52 series, 674, 678, 682, 683, 684, 685, 686, 688, and 689 models.

### 4665 PLUG-IN TRANSFORMER



The ALTEC 4665 plug-in transformer is a premium quality microphone or line to grid transformer for ALTEC amplifiers designed to accept this accessory: has 90 dB of electro-magnetic shielding; frequency response  $\pm 1$  dB 10-25,000 Hz; impedance: 30/50, 125/150, 250/300 (with C.T.), 500/600 to 70,000/84,000 Ohms. Maximum operating level: +8 dBm. The two mounting screws ground the transformer which insures quiet operation of the unit. Dimensions:  $1\frac{1}{2}$ " x 2" x  $2\frac{3}{16}$ " high.

### 4722 INPUT MATCHING TRANSFORMER



This plug-in transformer provides low impedance microphone inputs for all ALTEC amplifiers requiring this plug-in microphone input transformer. Has 60 dB electro-magnetic shielding; frequency response  $\pm 1$  dB 30-15,000 Hz; impedance 30/50, 100/200 (with C.T.), and 40,000/65,000 Ohms maximum operating level: -25 dBm (above 60 Hz: -19 dBm). Dimensions:  $1\frac{3}{16}$ " diameter x  $1\frac{13}{16}$ " high.

### 13578 MOUNTING ASSEMBLY



The 13578 Mounting Assembly is primarily for use with the ALTEC 681A, 682B and the 686A Microphones. The 13578 assembly may be mounted to any vertical or horizontal surface by three screws that are furnished.

The 13578 Microphone Mounting is small in size and extremely lightweight and can be installed in a limited amount of space.

When the 686A Microphone is used in conjunction with the 13578 Adapter, the microphone should be inserted into the adapter until the microphone shoulder makes contact with the assembly shoulder.

# Altec Microphone Accessories

## SLIP-ON ADAPTERS

The ALTEC line of microphones, 681A through 689B are supplied with "slip-on" adapters. Additional adapters are available when required in brown and black to match with the proper adapter.

For 681A & 682B Microphones—Black—13796  
 For 682B Microphone—Brown—13797  
 For 683B, 684B, 685B, 688B, & 689B Microphones—Black—13798  
 For 683 Microphone—Brown—13799



## MICROPHONE ACCESSORIES FOR ALTEC M20 AND M30 MICROPHONE SYSTEMS

**167A EXTENSION CABLE** Available in 25-foot lengths or by special order in lengths up to 400 feet; equipped with Cannon RWK-6-22C and RWK-6-21C connectors.

**1883-H6 MICROPHONE CABLE** A highly flexible, fiberglass covered six-conductor cable that may be ordered in any length required.

**5426 MICROPHONE CABLE** A heavy-duty rubber-covered six-conductor cable that may be ordered in lengths up to 400 feet.

**11853 RACK MOUNTING ASSEMBLY** Two 525A power supplies may be mounted in this assembly in only 3½" of rack space of the standard 19" rack.

**525A POWER SUPPLY** For unbalanced lines or balanced lines (when used with the 4665 Plug-in Transformer), measures 8⅝" W x 2⅜" H x 7½" D and requires 117 V, 60 Hz, 15 Watts.

**166A STAND HOLDER** A lightweight, streamlined microphone holder for floor or desk stand use, incorporating a standard ⅝" — 27 threaded swivel base.

**169A SHOCK MOUNT** Equipped with a standard ⅝" — 27 threaded swivel base, it provides efficient microphone insulation from bump and scrape noises.

**168A WIND SCREEN** FOR M20 MICROPHONES ONLY — Effectively suppresses wind noise in outdoor applications and breath-blast for close-talking use; a two-stage wind screen.

**170B WIND SCREEN** FOR M30 MICROPHONES ONLY — A two-stage wind screen that provides approximately a 24 dB reduction of wind noise and breath-blast.

## ACCESSORIES FOR 632C, 633, 639 MICROPHONES



**8B ATTACHMENT**  
 3¼" baffle provides semi-directional response from 633 Microphone.

**311A PLUG**  
 For use in 633 and 632C microphones, makes it possible to interchange these microphones with the 639.

**442A JACK AND 712A ADAPTER**  
 The jack provides termination of microphone cord. When used with 712A Adapter, it properly connects to bottom of 639 Microphone and also to 311A Plug as used on 633 and 632C microphones.

**9A SWIVEL ATTACHMENT**  
 Is used with 633 and 632C microphones. Provides a 90 degree swivel. May be attached directly to microphone or used with 311A Plug, 442A Jack, and 712A Adapter. Has ⅝"—24 male thread

**23A DESK STAND**  
 Slender desk stand particularly adapted for use with 633 or 632C microphone. Has ⅝" — 24 female thread.  
 Dimension: Height 7½"  
 Diameter 5"

**11A ATTACHMENT**  
 Provides swivel, suspension mounting for the 639 Microphone. It may also be used on microphone stands when tilting of the microphone is desired. Has ⅝" — 24 male thread.

**KS-12,000 COVER**  
 Black, dust-proof cover for protection of 639 Microphone.

**713A ADAPTER**  
 This slotted connector permits the microphone cord to run outside of the microphone stand so that it is not necessary to disconnect the cord assembly when removing the microphone from the stand.



**NOTICE**  
 We recommend that you obtain your Altec products from factory trained authorized Altec Sound Contractors and Distributors. This will assure you of proper installation, a continuing source of knowledgeable advice, service, and quick warranty protection.

Specifications and components subject to change without notice. Overall performance will be maintained or improved.