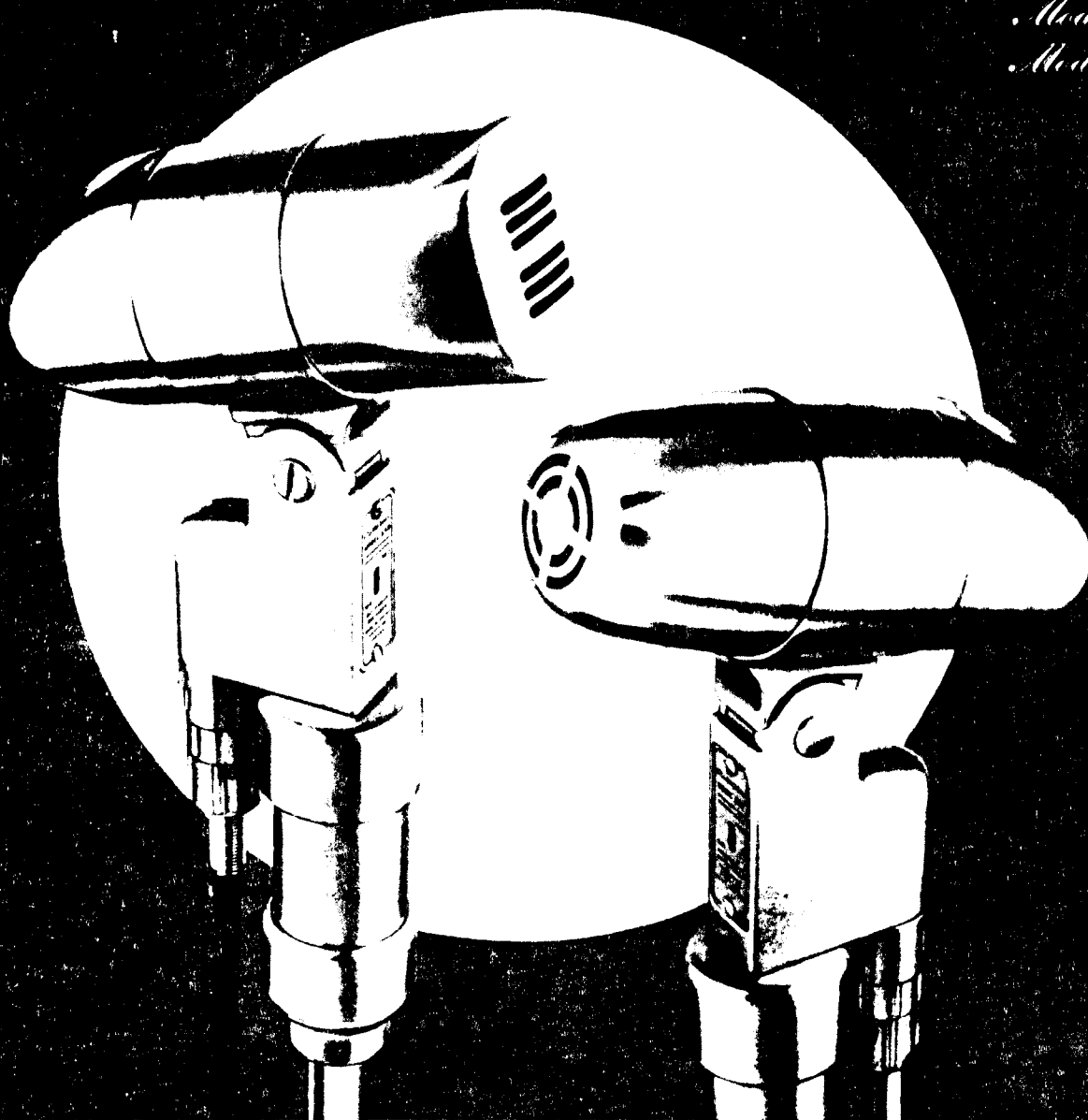


*Model 650*  
*Model 645*



**ENGINEERED TO THE HIGHEST FM and AM BROADCAST STANDARDS**

**Response 40 cps to 15 kc,  $\pm 2.5$  db! Extremely High Output!  
Impedance Selector! Dual-Type Shock Mount! Remarkably Rugged!  
Individually Laboratory Calibrated! Proved in Studio and Remote Use!**

Actual performance *on the air* has won top rating for the "650" and "645." Developed in cooperation with station and network engineers . . . they meet the most exacting requirements of modern high fidelity FM, AM, and TV broadcast service.

Consistently accurate wide-range, flat response and rugged shock-resistant construction make them ideal for studio and remote pick up. Extremely high output level gives excellent signal to noise ratio. Such outstanding *performance* is achieved through the use of a specially-designed non metallic Acoustalloy diaphragm and a newly developed magnetic structure. Close toler-

ances, quality control and individual laboratory calibration *guarantee* uniformity.

Compact, functional in design, these new microphones are visually as well as technically impressive . . . and easy to use. Comparison tests and network operation have proved their superiority.

You need only try the "650" or "645" to convince yourself that they are today's finest broadcast microphones from every standpoint.

**Model 650. List Price . . . . . \$150**

**Model 645. List Price . . . . . \$100**

# FEATURES and SPECIFICATIONS of *EV* Broadcast Models "650" and "645"

## APPLICATIONS

Their rugged quality and proved performance recommend these high fidelity dynamic microphones for individual or group pick-up and reproduction of speech and music, in the studio or on remotes, indoors and outdoors . . . for all types of AM, FM and TV broadcasting . . . for high quality recording . . . for the finest sound amplification systems . . . and for sound measurement. Now in daily use on important network programs. Can be used in the hand or on a stand.

## ULTRA WIDE RANGE RESPONSE

High fidelity frequency response conforms to modern FM as well as AM standards. Assures accurate, faithful reproduction of speech and music.

*Model 650:* Response  $\pm 2.5$  db, 40-15,000 c.p.s.  
*Model 645:* Response  $\pm 2.5$  db, 40-15,000 c.p.s.

## EXTREMELY HIGH OUTPUT LEVEL

*Model 650:* Output 46 db below 6 milliwatts for 10 dynes/cm<sup>2</sup> pressure.  
*Model 645:* Output 50 db below 6 milliwatts for 10 dynes/cm<sup>2</sup> pressure.

## NEW DUAL-TYPE EXTERNAL SHOCK MOUNT

Newly developed Model 345 vibration isolation shock mount utilizes dual Lord shear type mountings which provides double shock-absorber action. Prevents reproduction of external shocks and undesirable stand vibrations. Reduces side sway of microphone without effecting the efficiency of the isolation unit. The microphone head may be tilted through an angle of 60 degrees, yet it retains its center of gravity with respect to the shock mount. Attractively finished in matching satin chromium. Easily attached or removed. Net wt. of shock mount is 10 oz.

## OMNI-DIRECTIONAL

Compact size and small grille diameter make the microphone non-directional at low frequencies becoming directive at high frequencies.

## NEW IMPEDANCE SELECTOR

Recessed switch in microphone stud gives instant selection of either 50 or 250 ohms impedance, balanced to ground. This convenient selector is easily actuated with a pencil point or small screw driver; yet being recessed, it cannot be moved accidentally.

## BUILT-IN CANNON XL-3 CONNECTOR

Permits tilting of microphone without strain on the cable or connector. Reduces cable breakage. Quick disconnect permits separate handling of microphone and cable for remotes. Allows quick change of cable at any time.

## EXCLUSIVE ACOUSTALLOY DIAPHRAGM

Developed through years of research, . . . non-metallic Acoustalloy diaphragm makes possible higher output level and smoother, wider range frequency response. Besides—it is practically indestructible. Withstands high humidity, extreme temperature, corrosive effects of salt air, and severe mechanical shocks.



## MAGNETIC CIRCUIT

Employs Alnico V and Armco iron in a highly efficient non-welded magnetic circuit. Model 650 has all internal surfaces ground to tolerance of .0005".

## LABORATORY QUALITY CONTROL

Every microphone is held to close tolerances and is individually laboratory calibrated and approved for performance. Fully guaranteed by *Electro-Voice*.

## SHOCK-PROOF DESK STAND

**Model 426.** Provides balanced, stable support. Dual Lord shear type shock mount is built into sturdy cast base. Rich gray hammerloid finish. Non-skid rubber shoe over bottom. Fits all standard  $\frac{5}{8}$ "-27 thread microphones. Size  $6\frac{1}{4}$ " long,  $4\frac{3}{4}$ " wide, 4-5/16" high including shock mount. Net wt., 1 $\frac{3}{4}$  lbs. List Price.....\$20.00



NO FINER CHOICE THAN

*Electro-Voice*