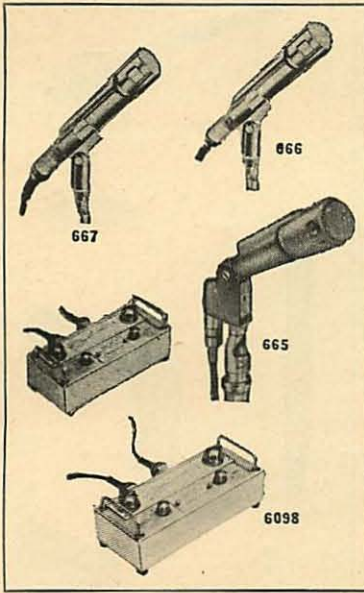


Electro-Voice BC-TV-RECORDING MICROPHONES

BROADCAST—TV—RECORDING DYNAMICS

CARDIOID UNIDIRECTIONAL MICROPHONES



Model 666 Super Cardioid Microphone—Totally new concept in directional microphone design uses Variable D principle. High discrimination against sounds from back hemisphere. Highly resistant to mechanical shock. Model 666 affords another octave of uniform HF response over that found in conventional broadcast cardioids. Permits close talking with no bass accentuation. Increases working distance over pressure microphones by factor of 1.7:1 due to polar pattern. Designed for operation on boom, stand or in hand. Uses only one moving element with exclusive, rugged Acoustalloy diaphragm. Response range, typical 30-16,000 cps; output -55 db. Impedance changed on internal terminal board. Wired for 150 ohms, taps at 50 and 250 ohms. Aluminum cast case finished in TV gray. Built-in Cannon UA-3 connector. Clamp-on stand mount included with $\frac{3}{8}$ "-27 thread and $\frac{1}{2}$ " pipe thread adapter. 20' cable. Size, $7\frac{1}{2}$ " long, $1\frac{3}{4}$ " diameter. Net Weight, 11 oz. List Price... **\$255.00**

Model 666R Rising Response Cardioid—Similar to Model 666 above but has a frequency response which rises $4\frac{1}{2}$ db from 100 cps to 2000 cps. This characteristic, combined with an excellent polar response, reduces pickup of low-frequency room reverberations, thereby reducing room "rumble" and prop noise. The Model 666R is particularly suited to boom operation because of its increased sensitivity. Output is -50 $\frac{1}{2}$ db; other specifications are similar to Model 666. List Price... **\$255.00**

Model 667 Variable Response Cardioid—This all-purpose microphone fulfills requirements of wide-range reproduction under a great variety of acoustic conditions. The 667 combines the same excellent cardioid operations of the Model 666, listed above, with an in-line transistor preamplifier, with bass, treble and presence controls providing 40 distinct frequency response characteristics. Maximum output level: 50 ohms, -30 db; 150 ohms, -32 db; 250 ohms, -33 db. Microphone specifications, accessories, similar to Model 666 except response: 35-16,000 cps; finish brown and gold. Preamplifier noise level -123 db referred to input. Controls: Bass (4-position: +3 db, flat, -5 db, -9 db at 100 cps); Treble (5-position: +9 db, +6 db, +3 db, flat, -6 db at 10 kc); Gain (2-position). Power On-Off switch. Long-life mercury battery supplied. Steel case, brushed chrome finish. Size, 9" l., $3\frac{1}{4}$ " w., $3\frac{1}{4}$ " h. Net Wt., $3\frac{1}{2}$ lb. Supplied with 50' cable, UA-3-11, UA-3-12 connectors; 20' cable with UA-3-11 connector, hardwood carrying case for complete unit. List Price... **\$600.00**

Model 665 Cardioid—Similar in design and function to the Model 666, but for less exacting applications. Uniform response 50-14,000 cps. Recessed switch provides 50 or 250 ohms. Pressure-cast zinc case. Nonreflecting gray finish. Diameter, $1\frac{1}{8}$ ", length $7\frac{3}{4}$ ". 18' cable. Net Weight, 1 lb. 10 oz. List Price... **\$150.00**

Model 6098 Transistor Line Amplifier—Can be used with any E-V low-impedance microphone to increase dynamic range and lower system noise. See Model 667 above for specifications. List Price... **\$269.00**

OMNIDIRECTIONAL MICROPHONES

Model 655C Slim-Trim TV Dynamic—Frequency response 40-20,000 cps. Output level -55 db. Has widest range response of any microphone commercially available. Used in many laboratories as test standard. Excellent level affords high signal-to-thermal noise ratio. Can be used on stand, in hand or on boom. Easily concealed in studio props. Acoustalloy diaphragm. Pop-proof grille. Impedance 50, 150 and 250 ohms. Impedance easily changed at internal terminal board. Cannon UA-3 connector. Clamp-on stand mount included with $\frac{3}{8}$ "-27 thread and $\frac{1}{2}$ " pipe thread adapter. Size, $10\frac{1}{2}$ " long w/o connector, 1" dia. 20' cable. Net Wt. 11 oz. List... **\$200.00**

Model 654 Slim-Trim Broadcast Dynamic—Frequency Response 50-16,000 cps. Output level -55 db. Recessed selector provides 50 or 250 ohms. Built-in Cannon XI-3 connector. Acoustalloy diaphragm. $\frac{3}{8}$ "-27 thread, 18' cable. 10" long with stud, 1" dia. Net Weight, $15\frac{1}{2}$ oz. TV gray enamel. List Price... **\$100.00**

Model 646 Lavalier Dynamic—For chest, desk or hand use. Neck cord and support clips supplied. Response 50-10,000 cps; output level -57 db. Matches all low impedances. Omnidirectional. Acoustalloy diaphragm. Built-in connector. Gray enamel. 30' cable, $7\frac{1}{2}$ " x 1" dia. Net Weight, less cable, 7 oz. List Price... **\$147.50**

Model 649A Miniature Lavalier—Smallest dynamic lavalier—weighs only 2 oz. without cable: $3\frac{1}{4}$ " long x $\frac{3}{8}$ " diameter. Ideal for programming where unobtrusive or concealed microphone placement is desirable. The 649A may be hidden in corsages, under the lapel or tie, behind a book—almost anywhere. Frequency response 60-12,000 cps. Output: -60 db. Nondirectional. Matches all low impedances. 30' shielded cable. Aluminum case finished in TV gray. Complete with neck cord assembly and belt clip. List Price... **\$105.00**

Model 635 Broadcast Dynamic—Compact, rugged, versatile. Omnidirectional. Response, 60-13,000 cps. Output level -55 db. 50-250 ohms impedance selector. Head tilts through 90° arc. Cannon XI-3 connector. $\frac{3}{8}$ "-27 thread; size 2" x $6\frac{1}{4}$ ". Satin chrome finish. 18' cable. Net Weight, 1 lb. List Price... **\$82.00**

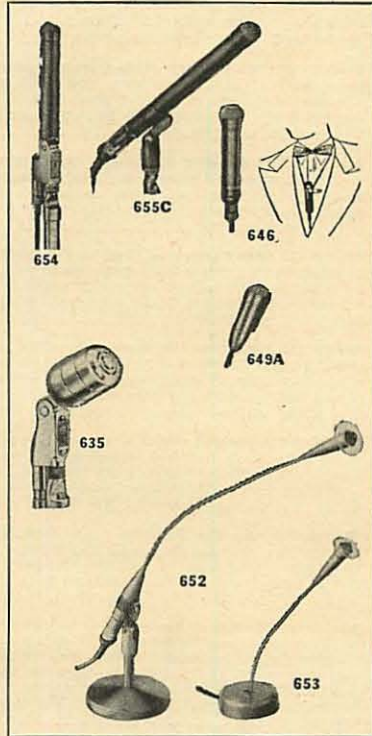
NEW "THIN-TRIM" DYNAMIC MICROPHONES

Model 652—A unique new design for an almost invisible dynamic microphone. The microphone is mounted on the end of the semirigid tube bringing the moving coil element closer to the user for full range, pop free response. The unobtrusive and attractive contour makes it ideal for use in television, broadcasting, recording lectures and other applications where the microphone should be inconspicuous. Breath and wind filter is an integral part of the microphone. Two clear plastic baffles provided to give either a 6 db or 3 db boost in the brilliance range of 6000 cps for added articulation. The microphone without the baffles gives a smooth response from 50 to 12,000 cps. The Model 652 is mounted on a $\frac{3}{8}$ " brass rod and finished in a light tan, non-reflecting VB325 finish. Output level -60 db. Matches all low impedances. VA3-12 Cable connector. 20' cable. Model 300 stand coupler. Length of microphone to cable connector 25". Weight, 11 oz. List Price... **\$120.00**

Model 652A—Same as Model 652 except 15" long. List Price... **\$120.00**

Model 653—Same as Model 652A except adjustable desk stand integral part of microphone. Weight, 1 lb. 6 oz. List Price... **\$130.00**

All E-V microphones except crystals are eligible for FCDA purchases.



Electro-Voice

GENERAL PURPOSE MICROPHONES

UNIDIRECTIONAL LINE MICROPHONE

Model 644 Sound Spot—Another Electro-Voice revolutionary development, the Sound Spot Model 644 is a combination cardioid and distributed front opening, making it the most directional microphone ever. The Model 644 has the farthest front pickup, or better than 2.5 times the working distance of pressure types. Work close or far away without change of frequency response.

Cancellation from the rear and sides exceeds 20 db giving practically complete rejection of unwanted sound. This feature gives the most rejection of random noise in any microphone commercially available. Reverberation and feedback are vastly lower than any other microphone, allowing much greater leeway in loudspeaker placement.

The effective front acceptance angle is 45° each side of center giving best isolation of individual performers. The Model 644 is 9 db better on the reduction of wind noise and has far less response to shock than all other microphones.

Frequency response is smooth from 40 to 12,000 cps, high output -52 db, dual high and low impedance selected by changing one tap on MC4M cable connector. The case is high-pressure diecast zinc with 3/8" aluminum tube. Rear diameter 2 3/4", length 16". Cable is 18'. Weight, 2 lbs. 9 oz. List Price.....\$110.00

CARDIOID UNIDIRECTIONAL MICROPHONES

Model 664 Cardioid Dynamic—Similar to Model 666 in function, but designed specifically for PA. Cardioid pattern at all frequencies. Permits close talking without "booming" or bass accentuation. Provides better discrimination against unwanted sound. Less feedback than any cardioid PA microphone built. Blast filter minimizes wind effect. Acoustalloy diaphragm shielded from dust and magnetic particles. Response 40-15,000 cps. Output -55 db, On-Off switch, 150-ohm and high impedance. Impedance changed by moving one wire in MC4 cable connector. Pressure-cast case. Chrome finish. 18' cable. Size 7 3/4" long, less stand coupler, 1 1/4" diameter. Net Weight, 1 lb. 10 oz. List Price.....\$85.00

Model 664G—Gold Finish. List Price.....\$90.00

OMNIDIRECTIONAL MICROPHONES

Model 636 "Slimair" Dynamic—Exceptionally fine for PA, recording and general use. Response 60-15,000 cps, output -55 db. Pop-proof head. Wide pickup range. On-Off switch. Satin chrome finish. Tilttable head. Built-in MC-4 connector. 3/8"-27 thread. Hi-Z or Lo-Z by changing one wire in connector. 18' cable. 10 1/4" long including stud, 1 1/4" max. diameter. List Price.....\$72.50

Model 636G—Gold Finish. List Price.....\$77.50

Model 630 High Fidelity, High-Output Dynamic—Famous for quality at low cost. Response 60-11,000 cps; output level -55 db. Unaffected by heat or humidity. Acoustalloy diaphragm. Tilttable head. Built-in MC-3 connector. On-Off switch. Satin chrome finish. Available in 50, 250 ohms, or Hi-Z. Size 2" x 6 3/4". 18' cable. Net Weight, 1 lb. List Price.....\$52.50

Model 647 PA Lavalier Dynamic—Small, rugged; for chest, desk or hand use. With neck cord, support clips and 18' cable. Response 60-10,000 cps; output level -57 db. Impedance Hi-Z or Lo-Z easily changed at internal terminal board. Acoustalloy diaphragm. Built-in connector. Gray enamel finish. 5" long, 1" dia. Net Weight, less cable, 4 oz. List Price.....\$82.50

Model 623 Slim Dynamic—Ideal for PA, recording and general use. Use on stand or in hand. Omnidirectional. Response 60-12,000 cps; output level -56 db. Hi- or Lo-Z by changing one wire in connector. Pressure cast; satin chrome finish. Tilttable head. On-Off switch. Built-in MC-4 connector. 3/8"-27 thread. 7 1/2" x 1 3/4". 18' cable. Net Weight, 15 oz. List Price.....\$57.00

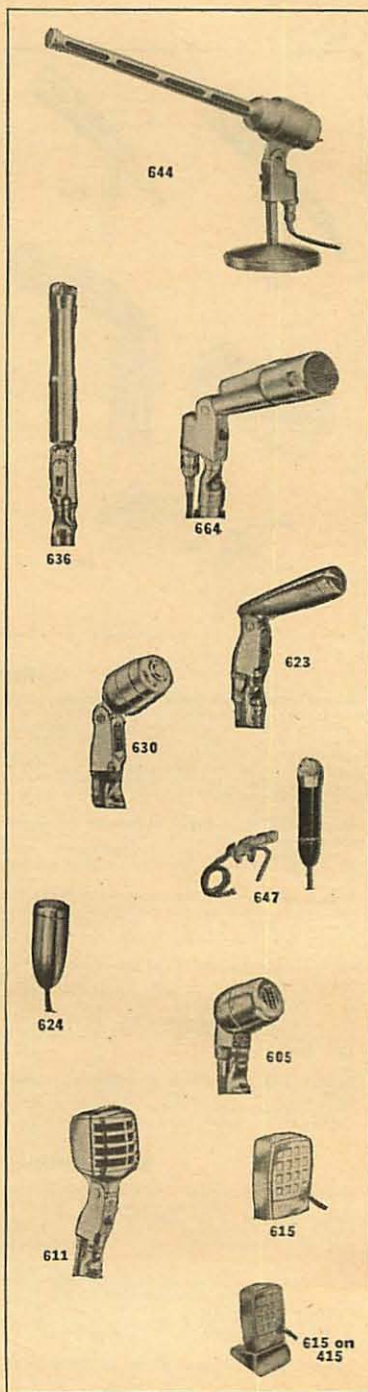
Model 611 "Mercury" Dynamic—Traditional styling, fine performance for general sound pickup. Response 50-9000 cps; output level -55 db. Nondirectional. Acoustalloy diaphragm. Tilttable head. On-Off Switch. Built-in MC-3 connector. 3/8"-27 thread. Satin chrome finish. Available in 50, 250 ohms or Hi-Z. Lo-Z balanced to grd. 2 3/8" x 3 3/4" x 6 1/4" inc. stud. 18' cable. Net Weight, 1 1/4 lbs. List Price...\$45.00

Model 624 Dynamic Lavalier—Most economical dynamic lavalier on the market. For chest or hand use. Supplied with neck cord, support clip and 18' cable. Satin chrome finish. Wire mesh head acoustically treated for wind and moisture protection. Output -56 db, response 100-7,000 cps. Hi-Z or 150 ohm, not balanced to ground. 3 1/2" x 1 1/4". Cable has integral strain relief. Net Weight, 10 oz. List Price.....\$42.50

Model 605 Durable Dynamic—For dependable, general purpose use. Response 65-8000 cps. Output level -55 db. Nondirectional, becoming directive at higher frequencies. Acoustalloy diaphragm. Head at 22° fixed tilt. Built-in MC-1 connector. Satin chrome. Choice of 50, 250 ohms or Hi-Z. Low impedance not balanced to ground. 3 1/4" x 2 1/2" x 2" dia. Net Weight, 12 oz. With 18' cable. List Price.....\$32.50

Model 615 "Century" Dynamic—Incomparable for paging, home recording, amateur, or any low-cost applications. Can be used in hand, on table, on stand, or overhead. Nondirectional. Acoustalloy diaphragm. Withstands extreme temperature, humidity, corrosion and shock. Response 80-8000 cps. Output -55 db. 50 ohms or Hi-Z. Lo-Z not balanced to ground. 5' cable. Pressure cast case, satin chrome. Rugged, lightweight. Size 3" x 2 1/4" x 1". With 3/8"-27 thread stand adapter. AC-DC insulated. List Price.....\$25.50

All E-V microphones except crystals are eligible for FCDA purchases.



Electro-Voice MICROPHONES

CRYSTAL AND CERAMIC MICROPHONES

Model 951 Cardioid Crystal—Uses same new Variable D principle as E-V's BC-TV cardioids to obtain uniform directivity at all frequencies, high discrimination against unwanted sound. The 951 is an excellent wide-range, all-purpose PA microphone for a great variety of acoustic conditions, and especially useful where background noise and reverberation are a problem. Response 50-11,000 cps. Output -60 db. HI-Z. On-Off switch. Pressure-cast case, satin chrome finish. 18' cable. MC-1 connector. 5 $\frac{3}{4}$ " l. (excluding stud), 1 $\frac{3}{4}$ " dia. overall. Net wt., less cable, 1 $\frac{1}{4}$ lbs. List. **\$49.50**

Model 911 "Mercury" Crystal—Same smart design and fine performance as Model 611. Response 50-9000 cps. Output -50 db. Metal Seal Crystal. MC-1 connector HI-Z. 18' cable. Net Weight 1 $\frac{1}{4}$ lbs. List Price. **\$32.50**

Model 926 Slim Crystal—Level and response ideal for general purpose use. Response 60-8000 cps; output level -60 db. HI-Z. Pressure cast case, satin chrome finish. Tiltable head. $\frac{5}{8}$ "-27 thread. 6 $\frac{3}{4}$ " x 1 $\frac{1}{4}$ ". 18' cable with integral strain relief. Net Weight 11 oz. List Price. **\$29.50**

Model 920 "Spherex" Crystal—All-direction pick-up. Response 60-7000 cps; output level -50 db. Strong wire-mesh head acoustically treated for wind and moisture protection. High capacity, moisture sealed crystal. HI-Z. Satin chrome. $\frac{5}{8}$ "-27 thread. Diam. 2 $\frac{1}{4}$ ". 18' cable. Net Weight 8 oz. List. **\$27.50**

Model 924 Lavalier Crystal—Unique crystal lavalier for chest or hand use. Supplied with neck cord, support clips and 18' cable. Satin chrome finish. Wire mesh head acoustically treated for wind and moisture protection. Output -60 db. Response 60-8000 cps. HI-Z. 3 $\frac{1}{2}$ " x 1 $\frac{1}{2}$ ". Cable has integral strain relief. Net Weight 8 oz. List Price. **\$20.00**

Model 729 Ceramic Cardioid—The Model 729 is the lowest priced cardioid ever built. Random noise, reverberation and the possibility of feedback reduced by a factor of 67%. Front pickup range nearly double that of pressure microphones. Designed for public address, call and paging systems, amateur radio, home recorders, especially stereo, and general communications. Discriminating against sound from the rear makes the 729 excellent for amateur radio VOX operation. Tailored for single sideband. Output -55 db. Response 60 to 8,000 cps. High impedance only. May be used in any climate. Available with or without "on-off" switch. Metalustre gray front with medium gray back. Attractive desk stand and floor stand supplied. Net weight, less cable and stand, 9 oz. List Price. **\$24.50**

Model 725—With switch. List Price. **\$26.50**

Model 727 Slim Ceramic—A new approach to the design of ceramic microphones for PA, recording and general use; similar in appearance to Model 729. Withstands extremes of temperature and humidity. Response 60-8000 cps. Output -55 db. High impedance only. 5' cable. Available with or without "on-off" switch. Metalustre gray front with medium gray back. Size 7 $\frac{1}{2}$ " x 1 $\frac{1}{2}$ " x 1 $\frac{1}{4}$ ". Supplied with attractive desk stand and floor stand coupler. Net Weight less cable, stand, 9 oz. List Price. **\$18.00**

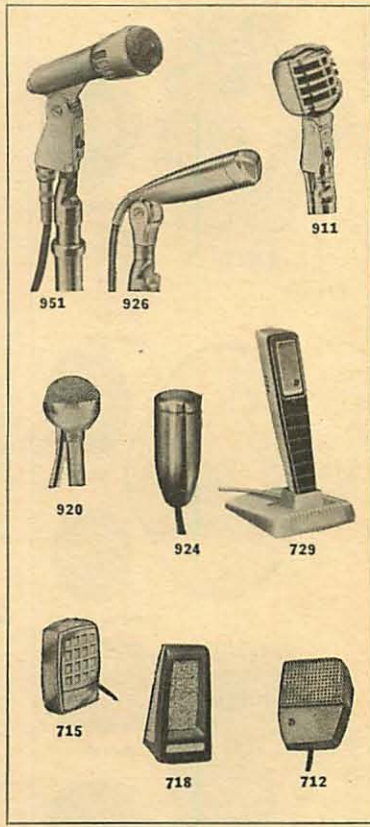
Model 727.5—With switch. List Price. **\$20.00**

Model 715 "Century" Ceramic—Use in any position—in hand, on table, on stand or overhead. Ceramic element. 60-7000 cps; output -55 db. HI-Z. 5' cable. Non-directional. Satin chrome finish. Rugged, lightweight. 3" x 2 $\frac{1}{4}$ " x 1". With $\frac{5}{8}$ "-27 adapter, AC-DC insulated. 6 oz. List Price. **\$13.00**

Model 715.5—With switch. List Price. **\$15.00**

Model 718 Ceramic—With attractive contemporary styling, the new 718 is designed particularly as an improved replacement for inexpensive home recording microphones. Convenient to use in hand or on flat surface. 5' cable includes a molded-on phono plug, with adapter, to match all late model home recorders. Improved high-level (-55 db) ceramic element resists damage from temperature, humidity extremes. Response 60 to 6000 cps. 3 $\frac{1}{2}$ " x 1 $\frac{1}{4}$ " x 1 $\frac{1}{2}$ ". Net Weight 8 oz. List. **\$12.00**

Model 712 Ceramic—Low cost ceramic microphone. Fits need of limited PA, home recording, paging and general use. Handheld. Moisture sealed ceramic. Response 70-7000 cps. High output -55 db. HI-Z. Attractive gray Styron case. Size 3" x 2 $\frac{1}{4}$ " x 1". 5' cable. Net Weight 4 oz. List Price. **\$7.50**



DIFFERENTIAL AND SPECIAL PURPOSE MICROPHONES

Model 622SKK Dynamic Handset—For paging, intercom and communications. Light, sturdy bakelite, 150-ohm magnetic receiver with response 200-4000 cps. Switch close mike and relay circuit. Response 100-5000 cps. output level -55 db. Impedance 250 ohms. 5' 5-conductor cable. List Price. **\$78.00**

Model 625SKK Dynamic Differential Handset Microphone—Noise-cancelling microphone designed for use where background noise is at high level. Enables user to speak in a normal voice. Appearance and characteristics similar to Model 622SKK. Supplied with five-conductor, unshielded cable. DPST switch also will handle relay or other remote control in addition to turning on mike. Press button to talk. Size 9" x 3" x 2 $\frac{1}{2}$ ". Net Weight, 1 $\frac{1}{4}$ lbs. List Price. **\$85.00**

Model 606 Differential Dynamic—Close talking, noise cancelling. Permits noise free PA systems at boat and auto races, noisy industrial plants, etc. Accepts sounds of close origin (1/4") and rejects sounds of distant origin. Response 100 to 5,000 cps. Output at 1/4" -55 db. Acoustalloy diaphragm. Head at 22° fixed tilt. $\frac{5}{8}$ "-27 thread. Built-in MC-1 connector. Satin Chrome. 2" x 3 $\frac{1}{4}$ " x 2 $\frac{1}{2}$ " including stud. 50, 250 or HI-Z. Low impedance not balanced to ground. 18' cable. List Price. **\$52.50**

Model 600D Dynamic Mobile-Mike—Lightweight, hand-held, extra-rugged. Output -55 db. Press-to-talk switch. Acoustalloy diaphragm. 2 $\frac{1}{4}$ " x 2" x 4".

Model 648 Intercom Microphone—Extremely versatile paging, intercom, or PA mike. Can be mounted on desk or floor stand, boom, gooseneck, or special fixtures. Cable is concealed when used with Model 448 swivel boom. Response 50-10,000 cps. Output -55 db. Choice of 50, 150, 250-ohm impedance. Omnidirectional. Acoustalloy diaphragm. Nonreflecting gray. Less Cable. Size 6 $\frac{1}{2}$ " x 1" (including $\frac{5}{8}$ "-27 thread adapter). Net Weight (with adapter), 8 $\frac{1}{4}$ oz. List Price. **\$56.00**

All E-V microphones except crystals are eligible for FCDA purchases.

50, 250 ohms or HI-Z. 1' retracted coiled cord, 5' extended. Net Weight less cable 8 oz. List Price. **\$47.50**

Model 210KK Carbon—Similar to Model 600D but single-button carbon. Output -50 db. Press-to-talk switch. 1' coiled cord. List Price. **\$35.00**

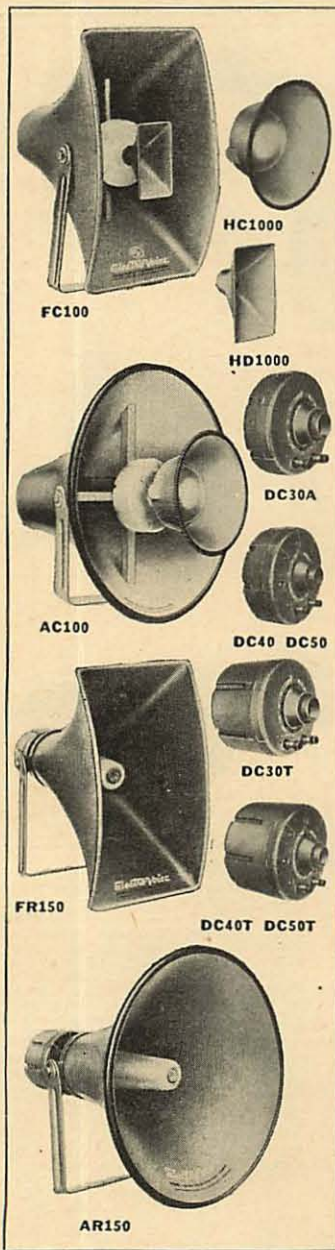
Model 602—A noise-cancelling dynamic microphone for use in areas of heavy background noise. It accepts sounds of close origin (1/4") and rejects sounds of a distant origin. Successful noise free public address systems are now possible at boat and stock car races, railroad yards or similar noisy locations. Output level 55 db. 200 to 4,000 cps, press to talk switch, acoustalloy diaphragm, 1' retracted coiled cord, 5' extended. Available in HI-Z or balanced line, 50 or 250 ohm. Weight, less cable, 8 oz. List Price. **\$57.50**

Model 205KK Differential Carbon—Close-talking, noise-cancelling, single button carbon. Maximum intelligibility under high ambient noise. Designed for private aircraft and emergency communications. Blastproof, waterproof, shock resistant. Output at 1/4" -50 db. Black phenolic case. Press-to-talk switch. Mounting bracket, 1' coiled cord. Size 2 $\frac{1}{2}$ " x 2 $\frac{1}{4}$ " x 4". Net Weight less cable 8 oz. List Price. **\$45.00**

Model 205STCKK—CAA Type approved certificate No. 1040 with coiled cord. Designed for commercial aircraft. List Price. **\$56.50**

Model 205STCKKP—Similar to above with WE-309 plug. List Price. **\$61.25**

Electro-Voice PUBLIC ADDRESS HORNS AND DRIVERS



PROJECTOR HORNS

Completely new designs assure finest performance with Electro-Voice projector horns. Two basic types from which to choose . . . compound and reentrant.

Exclusive compound horns permit widest range at lowest distortion, plus complete directional control of both highs and lows. Best wide-angle coverage with exclusive diffraction horns means better sound through entire coverage area for uniform coverage. Concentrating compound horn provides highest efficiency at lowest distortion. Natural voice and music reproduction result in higher intelligibility without annoying peaks.

Model FC100—Similar to the famous CDP, the FC100 provides two diffraction horns for uniform wide-angle coverage. Frequency response is not compromised since both horns are ideally designed to handle a specific portion of the range. Compound horn reduces distortion far below any other projector design. Flexible coverage control provided by individual adjustment of each horn, or concentrating high-frequency horn (HC1000) can be substituted for small diffraction horn. Large horn is of fiberglass with Mesa Tan finish molded in. Use any E-V convertible driver. Specifications: Low-frequency horn—cut-off, 100 cps; taper, 100 cps; air column length, 58"; sound distribution, 90° x 120°. High frequency sound distribution, 90° x 120°; crossover, 1,000 cps. Mouth size, 10½" x 20½"; depth (less driver), 20". Net Wt. (less driver), 10¾ lbs. Shpg. Wt., 12¾ lbs. List **\$47.50**

Model AC100—Concentrating version of CDP. Has all of the quality advantages of FC100, except utilizes round horns for most concentrated coverage with greatest efficiency. Retains compound design for lowest distortion—widest range. Diffraction high-frequency horn (HD1000) can be substituted for concentrating horn for flexible coverage control. Use any E-V convertible driver. Specifications: Low-frequency horn—cut-off, 100 cps; taper, 100 cps; air column length, 54"; sound distribution, 80°. High-frequency sound distribution, 30°; crossover, 1,000 cps. Diameter, 21"; depth (less driver), 16". Net Wt. (less driver), 11 lbs. 6 oz. Shpg. Wt., 13½ lbs. List Price **\$44.50**

Model HD1000—Diffraction horn for converting AC100 to wide-angle (60° x 120°) coverage above 1,000 cps. Shipping Weight, 1½ lbs. List Price **\$6.50**

Model HC1000—Concentrating horn for converting FC100 to concentrated (30°) coverage above 1,000 cps. Shipping Weight, 4 lbs. List Price **\$10.00**

Model 848—Combines FC100 Compound Diffraction Horn plus DC30 Compound Driver for finest wide-angle sound, lowest distortion, highest sound quality of any projector. Specifications: Frequency response, 150-10,000 cps; impedance, 16 ohms; dispersion, 90° x 120°; power handling capacity, 30 watts; sound pressure level, 117 db; dimensions, 10½" x 20½" x 20". Net Weight, 12 lbs.; Shpg. Wt., 17 lbs. Complete—List Price **\$75.00**

Model 848-45—With 45-ohm voice coil. List Price **\$76.50**

Model 848LT—Long Throw CDP (with 1000 cycle concentrating horn). For projecting intelligible, extended range sound over great distances—limiting dispersion to a selected area. Allows pinpointing sound to a selected audience, with increased sound level on-axis. Specifications: Frequency response, 150-10,000 cps; power handling capacity, 30 watts; sound pressure level, 117 db; dispersion, 50°; nominal impedance, 16 ohms; size, 20½" x 10½" x 21". Net Weight, 16 lbs. 6 oz.; Shipping Wt., 20 lbs. Complete—List Price **\$75.00**

Model 848LT-45—With 45-ohm voice coil. List Price **\$76.50**

New reentrant horns provide wider range than ever before at lowest cost. Unique E-V ring reflector design provides better balanced highs than possible with conventional exponential designs, by reducing high frequency losses often encountered in reentrant horns. Smoother response plus added useful range increases intelligibility and adds to more natural sound. Rugged aluminum die cast mounting plate plus precision die cast reentrant tubes assure long-lasting performance. Heavy spun aluminum round bell or fiberglass rectangular horn provides either concentrated coverage or medium angle coverage. Electro-Voice Reentrant Horns accept any standard driver with 1½"-18 threads.

Model FR150—Reentrant Horn. Medium-angle low-cost rectangular horn provides good coverage at low cost. Virtually indestructible fiberglass horn has Mesa Tan color molded in. Adjustable mounting angle allows best coverage. Can be stacked for multiple speaker applications. Ideal for ear-top installation or wherever low silhouette is needed, and where bass response cannot be sacrificed. Accepts Electro-Voice convertible drivers or any standard driver with 1½"-18 thread. Specifications: Low-frequency cut-off, 150 cps; taper, 150 cps; air column length, 45"; sound distribution, 70° x 100°; mouth size, 10½" x 20½"; depth (less driver), 21". Net Wt. (less driver), 9½ lbs. Shpg. Wt., 12 lbs. List **\$37.00**

Model AR150—Reentrant Horn. Round concentrating horn for maximum penetration at lowest cost. E-V ring reflector plus precision new exponential design contributes to widest range yet achieved from this horn type. Smoother curve results in high intelligibility, and remarkably natural voice and music quality. Rubber-edge damping ring eliminates resonances. High-efficiency design allows more useful volume from driver over entire range. Accepts Electro-Voice Convertible drivers or any standard driver with 1½"-18 thread. Specifications: Low-frequency horn—cut-off, 150 cps; taper, 150 cps; air column length, 41"; sound distribution, 85°; diameter, 21"; depth (less driver), 17". Net Weight (less driver), 6½ lbs. Shipping Weight, 8 lbs. List Price **\$31.00**

VERSATILE CONVERTIBLE DRIVERS

Now, for the first time, here are drivers that can be used interchangeably in compound or reentrant horns. Used on either type of horn, the new Electro-Voice Convertible Drivers feature highest efficiency available. Increased power handling plus extra increased efficiency make the 40 and 50-watt drivers uniquely useful where high power at minimum cost is essential. The high efficiency of all E-V Convertible Drivers is achieved without resorting to "peaked" response which may increase loudness, but does reduce intelligibility. The smooth response of these drivers insures most natural reproduction of voice and music for more satisfying quality with vastly reduced feedback problems and greatly increased tonal range. Double flux ceramic magnets provide long-lasting high efficiency in entirely new low-loss magnetic circuits. Edgewise-wound ribbon voice coils give 18% more energy.

The drivers are rugged and weatherproof; conversion to either reentrant or compound use can be made instantly in the field. Voice coils are also field replaceable, thus reducing repair costs to a minimum. E-V Convertible Drivers are available with 16 or 45-ohm voice coils or with built-in 70.7-volt line constant voltage transformers. This entirely new design concept gives better performance at minimum cost, making E-V Drivers your best buy.

| | DC30A | DC30T | DC40 | DC40T | DC50 | DC50T |
|-------------------------------|----------------------|----------------------|---------------------|---------------------|--------------------|--------------------|
| Frequency Response†† | 150-10,000 | 150-10,000 | 140-11,000 | 140-11,000 | 140-11,000 | 140-11,000 |
| Program Power Capacity | 30 | 30 | 40 | 40 | 50 | 50 |
| Sound Pressure Level† | 120 db | 120 db | 123 db | 123 db | 127 db | 127 db |
| Voice Coil Impedance | 16** | 16 | 16** | 16 | 16** | 16 |
| Transformer Impedances, Ohms | 167, 333, 1000, 2000 | 167, 333, 1000, 2000 | 125, 250, 500, 1000 | 125, 250, 500, 1000 | 100, 143, 200, 500 | 100, 143, 200, 500 |
| Transformer Power Taps, Watts | 30, 15, 5, 2.5 | 30, 15, 5, 2.5 | 40, 20, 10, 5 | 40, 20, 10, 5 | 50, 35, 25, 10 | 50, 35, 25, 10 |
| Dimensions (overall) | 5½" dia. 3" l. | 5½" dia. 5½" l. | 6½" dia. 4½" l. | 6½" dia. 4½" l. | 6½" dia. 4½" l. | 6½" dia. 6" l. |
| List Price | \$27.50 | \$37.00 | \$36.00 | \$46.50 | \$47.00 | \$57.50 |

†Measured at 4' on-axis with full rated power from 500-1500 cps.
**Available with 45-ohm voice coil at \$1.50 list additional.

††Measured on-axis with FC100 horn.

Electro-Voice PA SPEAKERS AND ACCESSORIES

PAGING SPEAKERS

Effective paging systems require not only efficient loudspeakers, but also natural sound quality free from peaks that cause listening fatigue and acoustic feedback. No better speakers for clear natural voice paging are available than the new Electro-Voice Model 844 and the improved Model 847 CDP.

Model 844—Low-cost paging speaker for medium-angle sound distribution. Features smoothest response in its class with better lows to provide natural, pleasing paging without feedback. Handles twice the power—30 watts—to reduce costs. Rugged diecast horn plus field-replaceable voice coil keeps service costs at a minimum. Precision manufacturing assures long-lasting reliability under the toughest conditions.

Specifications: Frequency response, 250-13,000 cps; power handling capacity, 30 watts; nominal impedance, 8 ohms; dispersion, 90°; EIA sensitivity rating, 51 db; sound pressure level, 120 db; dimensions, 9 1/4" diameter x 8 5/8" deep; Net Weight, 5 lbs. 10 oz.; Shipping Weight, 8 1/2 lbs. List Price. **\$34.50**

Model 844-45—Same as standard 844, but with 45-ohm voice coil for simple installation in intercom systems. List Price. **\$36.00**

Model 847—Utilizing the famous CDP Principle—this newly improved wide-angle speaker provides higher articulation without annoying "peaked" response over a uniform 120° x 90° area. Extremely low distortion results from the use of TWO diffraction horns—each covering only half of the voice range. 25-watt power handling capacity means more volume from fewer speakers. Fiberglass horn has Mesa Tan color molded in.

Specifications: Frequency response, 250-10,000 cps; power handling capacity, 25 watts; sound pressure level, 118 db; dispersion, 90° x 120°; impedance, 16 ohms; dimensions, 11 3/4" x 7 3/4" x 10 1/2"; Net Weight, 6 1/2 lbs.; Shipping Weight, 10 lbs. List Price. **\$46.33**

Model 847-45—Same as standard 847, but with 45-ohm voice coil for simple installation in intercom systems. List Price. **\$47.83**

HI-FI OUTDOOR WEATHERPROOF SPEAKERS

Musicafter speaker system provides true high fidelity performance in a compact, portable system. Sturdy aluminum diecast housing protects weatherproof cone speaker and extends bass response through back-loaded folded horn. Dual Radax cone radiates smooth useful highs through 120° angle. Can be mounted anywhere or used as portable speaker. Provision for mounting 70.7-volt line transformer inside. Ideal for square dances, school auditoriums, clubs, outdoor hi-fi or anywhere that music and voice must be reproduced with maximum clarity.

Specifications: Frequency response, 60-13,000 cps; nominal impedance, 8 ohms; dispersion, 120°; power handling capacity, 30 watts program; sound pressure level, 110 db; dimensions, 21 1/2" x 21 1/2" x 8 1/2"; Net Weight, 31 lbs.; Shipping Weight, 34 lbs. List Price. **\$80.00**

Musicafter II—Same fine performance as Musicafter above, except has added brilliance and wider coverage from RE36 Very-High-Frequency Range Extender. Smooth response to 18,000 cps. Complete with crossover. Net Weight, 33 lbs. Shipping Weight, 36 lbs. List Price. **\$115.00**

Model MB-1—Surface mounting bracket allows mounting of any Musicafter flat against wall for neat unobtrusive installation. Replace standard "U" bracket. Shipping Weight, 1 lb. List Price. **\$4.50**

TRANSFORMERS AND ACCESSORIES

Model TH—Transformer Housing. Provides neat weatherproof mounting of any E-V transformer. Mount vertically or horizontally on any flat surface or on horn bracket. Exclusive wattage indicator tells power setting at a glance. No soldering required with E-V transformers. Size: 4" h., 5" w., 3 1/2" d. Net Weight, 1 lb. 11 oz. Shipping Weight, 2 1/2 lbs. List Price. **\$8.00**

Model TR5—5-watt 70.7-volt line transformer. Primary impedance taps 1000, 2000, 4000, 8000 ohms; 5, 2.5, 1.25 and .675-watt line power taps. 4, 8 and 16 ohms secondary impedances. Accepts solderless terminals in TH housing. Frequency response = 2 db, 35-20,000 cps. Insertion loss 0.8 db. Overall dimensions 2" x 1 1/4" x 1 3/4". Mounting hole centers, 1 3/4". Shipping Weight, 1 lb. List Price. **\$5.00**

Model TR15—Same as TR5 except 15-watt capacity with primary impedances of 333, 500, 1000, 2000 ohms and 15, 10, 5, 2.5-watt line power taps. Overall dimensions 1 3/4" h., 2 3/4" w., 2 3/4" d. Mounting hole centers 2 3/4". Shipping Weight, 1 1/2 lbs. List Price. **\$6.00**

Model TR30—Same as TR5 except 30-watt capacity with primary impedances of 167, 250, 500, 1000 ohms and 30, 20, 10 and 5-watt line power taps. Overall dimensions 1 3/4" h., 2" w., 2 3/4" d. Mounting hole centers, 2 3/4". Shipping Weight, 1 1/2 lbs. List Price. **\$7.00**

Model TR50—Same as TR5 except 50-watt capacity with primary impedances of 100, 125, 200, 333 ohms and 50, 40, 25 and 15-watt line power taps. Overall dimensions 2" h., 2 3/4" w., 2 3/4" d. Mounting hole centers, 2 3/4". Shipping Weight, 2 lbs. List Price. **\$9.00**

Model AP-1—Pipe stand adapter for mounting any E-V speaker "U" bracket to standard 1/2" pipe. Shipping Weight, 1 lb. List Price. **\$2.00**

Model AD-1—Driver adapter allows use of E-V Convertible Driver on horns with 1 1/4"-16 thread (W.E.—RCA) for improved performance. Shpg. Wt., 1 lb. List Price. **\$2.50**

Model AD-2—Horn adapter allows use of E-V reentrant horns with drivers having 1 1/4"-16 thread (W.E.—RCA) for improved performance. Shpg. Wt., 1 lb. List Price. **\$3.00**

Model RA-1—Radial Adapter instantly converts FC100 horn or 848 projector to "radial" applications. Superior to typical "360°" projectors. Diffraction horns give better spread and adapter reflects sound off-axis, to eliminate hot spot. No tools required. Extends 2 1/2" in front of FC100 horn with DC30A. Shpg. Wt., 1 lb. List Price. **\$5.00**

Model RE35—Range Extender mounts on 848 or FC100 to improve response and dispersion of highs. 30-watt capacity. Response 3500-18,000 cps. 16 ohms impedance. Complete with crossover, mounting bracket. Shipping Weight, 4 1/2 lbs. List Price. **\$40.00**

Model RE36—Range Extender Kit. Converts Musicafter to Musicafter II. Includes driver, bezel, crossover and wiring harness. Shipping Weight, 4 1/2 lbs. List Price. **\$37.50**

Model 879—Joining Kit for two or more 848, 848LT or FC100 horns in multiple array. One kit required for each junction of two horns. Shpg. Wt., 1 lb. List Price. **\$2.75**

| DRIVER | 8 Ohm | 16 Ohm | 45 Ohm |
|-------------|----------------|----------------|----------------|
| 828 or DC30 | | 8923 | 8427 |
| 844 (DS30) | 8410 | | 8421 |
| DC30A/DC30T | | 8577 | 8617 |
| DC40/DC40T | | 8573 | 8618 |
| DC50/DC50T | | 8574 | 8619 |
| List Price | \$10.00 | \$10.00 | \$11.50 |

Diaphragm Replacement Kits allow easy field maintenance or conversion of E-V Drivers.

Note: Sound Pressure Level is measured at 4' on-axis with full rated power from 500 to 1500 cps.

