# **ALLIED RADIO**

 $\star$   $\star$   $\star$   $\star$   $\star$  CORPORATION  $\star$   $\star$   $\star$ 

833 WEST JACKSON BLVD . CHICAGO ILLINOIS



Everything in Radio for 42
CATALOG No. 107

PAGES 198-199

# POPULAR CRYSTAL MIKES



### ASTATIC T-3

ASTATIC T-3

An excellent wide-range crystal
mike for general application in
Recording, PA and Sound Installations, and Transmitting
Equipment. Response is substantially uniform from 30 to
10,000 CPS, providing ample
range for most speech and musical requirements. Output level,
-52 db. Tilting-head provides
effective means of controlling
acoustic feedback. Bullet-type
case fitted with stand-type plug
and connector, finished overall
in polisned chrome. Has ½-27
thread. With 25-foot shielded
cable. Less stand. Wt., 2 lbs.
39-300.List, ½5.00.\$14.70

Model GT-3. Same as above on

Model GT-3. Same as above on "Grip-to-talk" desk stand, 81/4" high, with 8' cord. Wt., 5 lbs. 99-301. NET....\$17.64

### ASTATIC JT-3OTT

ASTATIC JT-30TT

Semi-directional crystal type
with fixed-angle head for optimum usefulness. Designed to
provide good performance at
low price. Used extensively for
PA Work, Home Recording and
Amateur Radio Stations. Has
uniform response from 30 to
6000 CPS; output, —52 db.
Internal suspension construction prevents pickup of extraneous vibrations and noises from
case, stand, or floor. Housed in a
compact, two-tone opalescent
gray finished case, threaded %27 to fit all stands. Equipped
with 25-foot cable and concent
tric connector. Wood handle ad
interlocking, metal
cluded; permit use as desk or
hand microphone. Wt., 3 lbs.
99-302. List, \$15.50.60 11

99-302. List, \$15.50.59.11



# SHURE CRYSTAL

Model 708A. Semi-directional type with smooth wide-range frequency response of 30-6000 CPS. Output, -49 db. Die-cast case finished in iridescent gray with chrome type trim. %\*-27 thread. 7 foot cable and connector. Wt. 2½ lbs. \$10.29

99-364. As above but with 25 foot cable. NET...\$11.17

# SHURE 750-B HANDMIKE

"Military-type" crystal mike—fits palm of hand. Output. — 32.5 db. Die-cast case, iridescent gray finish, On-off thumb switch and 7 foot cable. Wt., 1 lb. 99-365.



## ASTATIC N-30

ASTATIC N-30

Designed especially for modern PA work, the N-30 features exceptionally smooth response and faithful reproduction. Frequency response of 30-10,000 CPS is substantially flat and free from peaks. Output, level -52 db. below I volt per bar. Die-cast case with tilting swivel mount permits adjustment for either semi-directional or directional type pickup. Finished in bright chrome. Concentric cable connector provides means of quick interchange of cable. Case, 2° diam. 4%° overall height. With 25-foot low-capacity shielded cable with locking connector and spring protector. Wt., 2 lbs.

99-303. NET. \$10.29



# SHURE CRYSTAL MICROPHONES

Popular, high-quality crystal microphones at moderate cost. Have excellent response. Suitable for all general types of Public Address, Recording, and Amateur Radio Station Work.

# SHURE UNI-DIRECTIONAL MIKES





These new Shure Uni-Directional Microphones are the effective solution to feedback problems for every type of microphone application. Dead at the rear; eliminate pickup of reverberation, audience and background noise. Overcome all types of troublesome room acoustics. Permit more volume. Allow closer placement of microphone and speakers. For all difficult PA installations; will improve PA results in low-ceiling rodms, rooms with tile or brick walls, etc.

### "UNIPLEX" CRYSTAL

"UNIPLEX" CRYSTAL

Model 730A. The lowest-priced
true cardioid Uni-Directional microphone available. Gives excellent
high quality reproduction, practically flat from 30 to 10,000 CPS.
Output level is —63 db. at front;
but at rear is down additional 13
db. Tilting head. Widely used in
all difficult PA installations; in
churches, low-ceiling rooms, night
clubs, rooms, with tile walls, etc.
Wide-angle response from the front,
but dead at the rear; makes microphone placement easy because feedback is reduced. Satin chrome finsish. Head 3½ dia., 3½ deep. 25-ft.
dual-shielded cable and connector.
Wt. 4 lbs. List, \$35.50.

\$20.87

# "UNIDYNE" DYNAMIC

"UNIDYNE" DYNAMIC

Model 55C. Most effective solution
to sound pickup problems in public
address, broadcasting and recording. Smooth wide-angle respective
from the front yet is leaded at the
comput-55 db. For indoor and
Outdoor use. Satin chrone finish.
Head tilts through 90° angle, ½".27
thread. Head size, 4½" high, 3½"
wide, 3½" deep. High impedance
model. With 25-ft. shielded cable.
Includes internal transformer. Wt.,
4½ lbs. List, \$49.50.

\$29.11

Model 55A. As above, but for 35 to

Model 55A. As above, but for 35 to 50 ohm circuits. 99-357. NET..... \$27.64

# MODEL 555 "BROADCAST" UNIDYNE

Similar to the Unidyne above in appearance. Model 555A output into 50 ohms.—62.8 db. Model 555C output to load of 100,000 ohms or more, -55.5 db. Built-in transverse vibration isolation unit. Satin chrome tilling head. %/-27 thread. With 18" stub cable. Shgg. wt., 4½ lbs. 99-358. Model 555A for 35-50 ohm circuits. 99-359. Model 555C for high impedance circuits. EACH. \$00.01

## ECONOMY CRYSTAL MIKES

Dependable crystal mikes. Ideal for use with Home Recorders, Window Demon-stration Sound Systems, Paging Sys-tems, Amateur Radio Transmitters, etc.

tems, Amateur Radio Transmitters, etc.
99-360. Shure Model 717A Handmike. Fig. A. Tenite plastic case, 2½"
diam. x 6". Smooth response. Output, -49.7db. With 7ft. cord. Wt. 11b 55.05
NET. 15.05
99-361. Shure Model 707A. Fig. B. Iridescent gray diecast case, polished trim. Smooth response. Output, -49.7 db. Standard ½" -27 thread in handle. Diam. 2½", 5" overall. With 7 foot cord. Wt., 2 lbs.
NET. 55.05

99-362.707A with 25 ft. cord.\$6.76

Ideal For Home Recording





Fig. A. Electro-Voice V-2. Response is essentially flat from 35-11,000 CPS: output, —64 db. Housing and case design eliminates cavity resonance. Cradle mounting; %-27 thread. With 20-foot cable and on-off switch. Model V2 is a high quality, bi-directional microphone; excellent for use where wide smooth response, with low feedback is required. Shpg. wt., 4 lbs. 99-330. High Impedance.

99-331. 50 Ohms. NET EACH.

Fig. B. Electro-Voice V-1. Combines high-quality performance and extremely compact size. Ideal for use with portable PA equipment to satisfy varying installation requirements. Cradle type suspension with built-in on-off switch. Response from 40 to 10,000 CPS. Output level, —65 db. 5%-27 thread. With 20-foot cable and cable connector. Light gunmetal finish. Has built-in shock-absorber; reduces vibration effect. Shpg. wt., 4 lbs.

Has built-in shock-absorber; reduces vibration effect. Shpg. wt., 4 108.

99-333. High Impedance.
99-333. 50 Ohms. NET EACH.
Fig. C. Amperite Velocity Mike. A high quality velocity mike. Acoustic Compensator helps in reducing feedback. Picks up sound from front and back only; "dead" at sides. Heavy-cast guinmetal-finished case; hand-hammered ribbon; genuine Almico magnet. Range from 40 to 11,000 CPS. Has connector plug and 25 feet of cable. On-off switch; cradle mounting; shock absorber. Threaded \( \frac{1}{2} \) \( \frac{1} \) \( \frac{1}{2} \)

99-400. RBHK. High Impedance. \$24.70



# DYNAMIC MICROPHONES





# KNIGHT-ELECTRO-VOICE 631

A unitable between the control of th

# ELECTRO-WOUCE DYNAMIC MICROPHONES

# MODEL 630

Response, 30 to 5 miles with a 5 db rise on the sequencies. High modern the sequencies of the sequence of the Shpg. wt., 4 lbs. 99-335. NET.

99-336. As above but in chrome...... \$17.54 99-336. As abordance chrome.

99-337. Model
Same as 99-335.
used with up to 500-5.
used with up to 500-5.
transformer required
25-foot cable.
NET. MICIGIEL 640

\$17.64 \$19.11 Winds State Mindel 54911

# NEW CARDAK

41-910. 25-ft. cal

BRUNO NO New no-voltage mic can be used with up high frequencies. All

Model WS. Fig. A funnel for incoming performer is constate to 12,000 CPS; size cable. 5/6"-27 thread: 99-500. NET...

Model SS. Fig. E high, 234" wide. Mo conceal for detectiv for hearing aids an CPS; weighs 4 oz. C 99-501. NET.

Model HS. Fig. C. minimum pickup o 8,000 CPS. Silver

coupling fits any st.

ECONOMY A

Fig. A. Can be use on body of instrum played. Gives mello and most modern —28 db. High impe Size, 3" x 1" x 334".
99-520. NET...

Fig. B. As above, installed. Size, 115/16 99-521. NET...

94-025. Bridge (





ASTATIC DN

ASTATIC DN

A semi-directional, all-purpose dynamic microphone. Has "unitary" moving coil together with quality Alnico magnets; and o response is substantially flat from 50-7,000 CPS. Output, —55 db. Tilting head permits semi-or non-directional postuoning for best pickup. Ideal for PA use recording, call systems, etc. Two-tone opalescent grey and chrome finish. With stand-type plug and connector, spring cable protector, and 25-foot shielded cable. Has ½ 27 thread. Moving system is highly damped to prevent peaks. Shpg. wt., 2½ lbs.

99-304. High Impedance.\$13.23

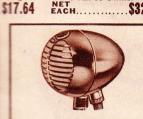
# DYNAMIC MIKES



# AMPER TE MINISTER

GRADIENT ITME 99-403 IMP. NET EACH

0hm. 99-404. PELH IMP.



# RCA AEROCRYSTAL

RCA AEROCKYSTAL

Wellight weight, compact crysmicrophone assuring excellent conduction of voice and music. The state of th

99-431. Model Mi-6202. As above but has speech range of 30 to 5,000 CPS. Brown case with chrome front grill. With 12-foot cable. Wt., 23/4 lbs. NET.\$8,10







99-450. High Impedance. \$21.02 99-451. 50 Ohms. NET......\$17.79

# CARBON MICROPHONES

# ELECTRO-VOICE

Fig. A. Double-button car-bon mike in streamlined case. Impedance, 200 ohms per bon mike in streamlined case. Impedance, 200 ohms per button. Excellent frequency button. Excellent frequency consuming factors of 40 to 8,000 CPS. Unusually flat. Output, —42 db. Live rabbeer cushioning. Efficient floating type metal diaphragm insures long lite. Gunmetal finish. 34°27 thread. With 6-foot cable. Shog, wt. 2 lbs.

Shpg. wt., 2 lbs. \$4.70

Fig. B. An outstanding value in a double-button carbon mike. Designed especially for ring and spring suspension. Impedance, 200 ohms per button. Response, 45 to 7,000 CPS., is crisp and clean. Duralumin diaphragm. Gumetal finish. Attractive grill front. With screw terminals. Shpg. wt. 2 lbs.

Shpg. wt., 2 lbs. \$3.23 99-344. NET. ... \$3.23

# UNIVERSAL LAPEL

UNIVERSAL LAPEL
Fig. C. Very high sensitivity, light weight, excellent voice response, and general compactness of design make this a perfect "watch model" mike. Suitable for use in inter-office systems, small transmitters, experimental work, etc. Single button type. Impedance, 200 ohms. Equipped with new low hiss carbon button and pure gold-spot-center diaphragm. Enclosed in durable black bakelite case. Only 1½ diameter. ½ thick, Weighs 1½ oz. Output, —38 db. Has screw terminals at rear for cable connection. No larger than an average size watch, A really remarkable value in a surprisingly efficient lapel mike. Shipping weight, ½ db.

99-470. NET. \$1.76

weight, 1/4 lb. 99-470. NET....\$1.76

# SPECIAL PURPOSE MICROPHONES

Fig. A. Universal Cardinal State Button microphone, 200 ohms impedance. Output type Attractive balanced-grip, polished chrome body will be seen type attractive balanced-grip, polished chrome body will be seen type. St. 85.88

Fig. A. Universal Company of the State of th

Fig. B. Astatic Land peakers, lecturers, etc. Light in weight and inconstant placel. Response, 30 to 10,000 CPS; output. 62 and 1½ dia... 34" thick; net wt., 60 cz. With 25-foot cale. \$14.70

Fig. C. Astatic Model and the second of the

Fig. D. Astatic Mose.

Fig. D. Astatic Mose.

The pickup for production testing of moving and the pickup for production testing of moving and the pickup for production testing of moving and the pickup for production testing for the pickup for production and pickup for production for the pickup for the pic

**(B)** 

# DESK ANI

Popular mike stand selection permits su

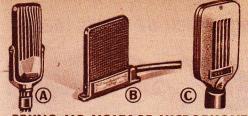
3 WAY MIKE Fig. A. Portable sta to 8" banquet s handle, or desk sta dia grey crackle bas crackle handle, and plated stem. 5/8"-2 Shpg. wt., 7 lbs. 94-010. NET...

10" DESK S Fig. B. Stem is ch base is two-tone fit crackle and baked 5%"-27 thread. 6 11 94-005. NET...

94-006. As ab chrome. Center ste black enamel. NET



be use the mounts fit comfort ders. Weighs only mike; has %\*27 tigooseneck. Black Fine for Mobile I operator to talk w read announcemen while on the move. 94-030. NET...



# BRUNO NO-VOLTAGE MICROPHONES

New no-voltage microphones. The only high impedance mikes that can be used with up to 1000 ft. of cable without appreciable loss of high frequencies. All are Velocity type of very latest design.

Model WS. Fig. A. Covers large areas. Directional fins act as funnel for incoming sound waves. Ideal for theater work where performer is constantly changing position. Output. —45 db.; 80 to 12,000 CPS; size, 7" x 3½" x 2". Silver crystalline finish. Less cable. ½".27 threads. Shpg. wt., 4 lbs. 99-500. NET ... \$8.73

Model SS. Fig. B. Extremely compact. Only ½" thick, 2½" high, 2½" wide. Mount on sounding boards of musical instruments, conceal for detective work, use on desks for paging, wear on lapel for hearing aids and portable uses. Output, —55 db.; 80 to 8,000 CPS; weighs 4 oz. Gunmetal finish. 3 ft. cable and plug. \$8.73

99-501. NET ... \$8.73

Model H5. Fig. C. Hand or desk type. Permits close-talking with minimum pickup of extraneous noise. Output, —55 db.; 80 to 8,000 CPS. Silver crystalline finish. Size: 4 x 2 x 4/". Rubber coupling fits any stand. With 10 ft. cable. Shpg. wt. 1 lb. \$5.17 99-502. NET.

41-910. 25-ft. cable with connector for above mikes. NET \$1.62



# **AMPERITE KONTAK MICROPHONES**

For all string instruments such as guitar, violin, piano, or for wind instruments. Easily installed without tools. Any number up to five can be wired in parallel for complete manual control of orchestration. Output, —40 db.

### STANDARD MODELS

**DELUXE MODELS** 

STANDARD MODELS

Fig. C. Frequency response 60 to 6,000 CPS. High impedance. SKH for use with high-gain amplifiers. KR output sufficient for direct use with most radio sets (after 1935) or with low-gain amplifiers. 15-ft. cable. Less volume control. Wt. 2 lbs. 99-406. SKH. Low-output. 99-407. KR. Hi-output \$7.06

Type KKH. Fig. B. Like 99-406 but with volume control. High impedance 25-ft. cable. \$10.50

Type KKH. Fig. B. Like 99-406 but with volume control. High impedance 25-ft. cable. \$10.50

Type KKH. Fig. B. Like 99-406 but of the control of the contro



# **ECONOMY MUSICAL INSTRUMENT MIKES**

Fig. A. Can be used on any musical instrument. Easily mounted on body of instrument. Reproduces vibrations as instrument is played. Gives mellow, rounded tone. Will work with all amplifiers and most modern radio sets. Response, 80-5,000 CPS; output, —28 db. High impedance. With volume control and 15 foot cable. Size, 3" x 1" x 33", 1 lb. 99-520. NET. ... \$7.06

Fig. B. As above, but without built-in volume control. Quickly installed. Size, 11% x 1 x 33", Shpg. wt., 1 lb. \$9-521. NET. ... \$5.29

94-025. Bridge Clamp. Shpg. wt., 4 oz. NET...................59c



# DESK AND BANQUET MIKE STANDS

Popular mike stands for banquet table and executive's desk. Wide selection permits suiting personal preference. Attractively designed.

3 WAY MIKE STAND

Fig. A. Portable stand; converts
to 8' banquet stand, mike
handle, or desk stand. Has 6'
dla grey crackle base, 4½' grey
crackle handle, and 2'' chrome
plated stem. ½''-27 thread.
Shg. wk., 7 lbs.
94-010. NET.....\$2.29

10' DESK STAND
Fig. B. Stem is chrome finish; base is two-tone finish of grey crackle and baked red enamel. \$\frac{1}{2}\text{\end{array}} = 21.15

94-006. As above, but all chrome. Center step of base is black enamel. NET...\$1.59



80

88

000

70

23

70

### SHOULDER MIKE CARRIER

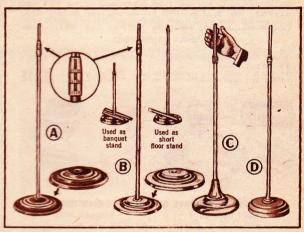


SHURE \$36A DESK STAND
Fig. D. Fits Shure connectortype mikes; adapter plate and 
tubing for other makes. Iridescent grey. Base: 2½" x 5" x 7". 
Wt., 1½ lbs. 
94-035, NET. . . \$2.06

FOR CARBON MIKE
Fig. E. Octagonal ring, 53% in
dia. Black wrinkle finish. With 8
springs. Wt., 4 lbs.
94-008. NET. \$1.47



Attaches to any floor mike stand, Moves horizontally or vertically; has universal adjustment, no locks to fumble with. Permits quick, definite positioning of mike anywhere within six foot sphere. Shpg.wt., 3 lbs. 94-026.



# QUALITY MICROPHONE FLOOR STANDS

Unusually attractive, exceptionally durable floor stands in an extensive selection to suit every need. Heavy bases prevent tipping. All models are easily adjustable; positive action adjustable lock clutch prevents extended section from slipping. All chrome parts highly polished. Available in 6 types.

# STANDARD ADJUSTABLE

# DELUXE ADJUSTABLE

Fig. A. Similar in design to standard adjustable model above, but even more handsome in appearance. Highly polished chrome-finished telescoping stem quickly adjusts from 35° to 68°; new "easy-grip" clutch locks stem firmly in place. Heavy three-step base is chromenished, with center step in beautiful contrasting black enamel. Base weighs 10 lbs, and is 10° in diameter. Standard ½"-27 thread. Shpg. weight, 12 lbs. 94-004. NET \$4.65

# NEW "TRIGGER-CLUTCH" HEAVY-DUTY

Fig. C. Ruggedly-built stand with new "trigger clutch." Slight pressure on trigger telescopes stand until trigger is released; for upward adjustment simply slide stem. Extends from 38" to 69". Heavy polyished chrome stem and base. Heavy 18-1b. base, 10½" dia. ½".27 thread. Shpg. wt., 21 lbs. 38.82

# STANDARD 3-WAY TAKE DOWN

# DE LUXE 3 WAY TAKE DOWN

# LIGHTWEIGHT ADJUSTABLE

Fig. D. A lightweight stand ideal for portable recorders, PA systems, etc. Attractive baked enamel stem and base; with locking positive-acting clutch. Telescoping stem extends from 33" to 59", standard 5%". 27 thread. Has 7 lb. base, 9" in diameter. Wt., 10 lbs. 94-003. NET... \$2.75