

SHURE MICROPHONES

and Accessories ★ 1937 COMPLETE CATALOG

SHURE BROTHERS • 225 W. HURON ST. • CHICAGO, U. S. A. • DESIGNERS & MANUFACTURERS OF MICROPHONES & ACOUSTIC DEVICES



*Microphone
Headquarters*

SHURE *Crystal* MICROPHONES

NEW "ULTRA" Wide-Range CRYSTAL MICROPHONES



8 Exclusive Features!

These new Shure "ULTRA" Wide-Range Crystal Microphones bring you amazingly life-like reproduction . . . plus new "Highs" in utility and dependability . . . at remarkably low cost. This outstanding performance has been attained by Shure Engineers through these exclusive advanced features :

- (1) "Ultra" Wide-Range reproduction from 40 to 10,000 cycles.
- (2) Dual-Drive, High-Capacity Grafoil Crystal.
- (3) Complete Barometric Compensation.
- (4) Internal Screen-Protected Cartridge.
- (5) Crystal "Moisture-Sealed" by new exclusive special process.
- (6) High output level through new Shure "Cruciform" Crystal Mounting.
- (7) New acoustically-correct single high-efficiency Curvilinear Diaphragm.
- (8) Beautifully styled new semi-nondirectional and semi-directional models in Spherical, Swivel and "Grille-Type" case designs.

And remember—only Shure "Ultra" gives you all 8 great performance-insuring features!

Model 700A. A small compact unit with swivel arrangement for use where "tilting" of microphone head is desired. Cable may be run inside or outside stand tubing. Finished in bright polished chromium plate overall. Diameter, 2 3/4". Complete with 7 ft. single-conductor shielded cable. Code: **Ruret.**

\$25

List Price

Model 700A-25 FT. Cable length, 25 ft. Code: **Rurel.** List Price **\$26.80**

Model 701A. A "Grille-Type" Microphone, styled to meet the most critical taste and designed to give outstandingly high-quality reproduction. Attractive rubber-black screens with contrasting chromium fittings. 3 1/4" high, 2 3/8" wide, 1 1/4" deep. Complete with 7 ft. single-conductor shielded cable. Code: **Rurev.**

\$25

List Price

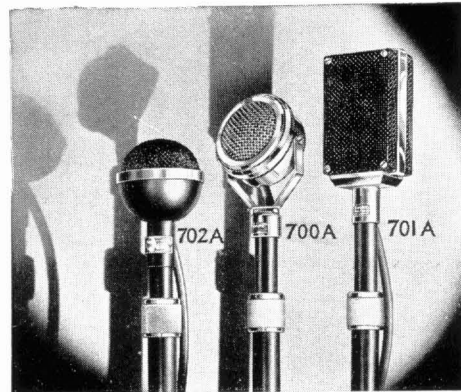
Model 701A-25 FT. Cable length, 25 ft. Code: **Rured.** List Price **\$26.80**

Model 702A. A small Spherical Microphone with Semi-nondirectional pickup . . . a feature which is especially valuable because it permits placement of a group around the Microphone without frequency discrimination. Beautiful rubber-black finish with circular chromium band. Diameter, 2 3/4". Complete with 7 ft. single-conductor shielded cable. Code: **Rurez.**

\$25

List Price

Model 702A-25 FT. Cable length, 25 ft. Code: **Rureg.** List Price **\$26.80**



Model 70H



The Shure 70H sets the "standard of performance" for diaphragm-type crystal microphones. Adopted by leading Sound-Equipment Manufacturers. "Curvilinear" diaphragm and "Bimorph" crystal, "Cantilever" actuated. Beautiful cast case, chromium-plated overall. Mounts direct on any Shure Stand or in carbon ring. Cable may be brought through stand tubing or outside as desired. Convertible to a Hand Microphone with A40A Handle. Complete with removable "close-fitting" ring, 4 "Quickway" Hooks and shielded single-conductor rubber jacketed cable.

Model	Cable Length	Code	Shpg. Wt.	List
70H	7 feet	Rurab	1 1/2 lbs.	\$22.50
70H-25FT.	25 feet	Rurov	2 lbs.	\$24.30

Model 70HP. "Push-Pull" Crystal Microphone. Same as 70H except cable is two-conductor shielded. Recommended for amplifiers with push-pull input.

Model	Cable Length	Code	Shpg. Wt.	List
70HP	7 feet	Rulev	1 1/2 lbs.	\$22.50
70HP-25FT.	25 feet	Rulex	2 1/4 lbs.	\$25.20

Model A40A (formerly 71BH). Handle. Removable handle which fits 70H Crystal Microphone for hand use. Shipping weight, 1/4 lb. Code: **Rurij.** List Price **\$1.50**

70H-79AC Demountable

A complete unit consisting of the 70H Crystal Microphone with plug attachment, and Stand Receptacle. Instantly installed! Instantly removable for safekeeping or use elsewhere. Cable Strain Relief included. Net weight, 1 lb. Shipping weight, 1 1/2 lbs. No cable fitting.

Model 70H-79AC. Code: **Ruram.** List Price **\$25**



Model 73A Lapel Type

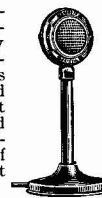


A light, highly efficient lapel microphone which faithfully reproduces the speaker's voice. Free from "background" noise and vibration pickup. Only 2" in diameter and less than 2 oz. in weight . . . small, light and inconspicuous. Also useful for general microphone applications and for hearing-aid devices. Rubber-black finish. Equipped with special spring clip and 25 ft. shielded single-conductor black mercerized cotton-covered cable. Shipping weight, 3/4 lb.

Model 73A. Code: **Rulap.** List Price **\$25**

Model 70S "Communications-Type"

Specially designed for high-efficiency voice communication in Commercial and Amateur radiophone transmitters. Highly recommended for high-intelligibility voice-announcement P.A. systems. Doubles power on important intelligibility speech frequencies . . . produces clear, crisp, powerful signals that cut through noise and static. No transmitter or amplifier changes . . . connect as you would an ordinary crystal microphone. Finished in polished chromium plate and baked rubber-black enamel. Complete with integral Desk Mount and 7 feet of shielded two-conductor, rubber-jacketed cable. Net weight, 2 lbs. Shipping weight, 2 1/2 lbs.



Model 70S. Code: **Rurak.** List Price **\$25**

Model 70SP. Same as 70S, but without Desk Mount. Includes 7 ft. two-conductor shielded cable and 4 "Quickway" Hooks. Code: **Rural.** List Price **\$22.50**

Model 70SH-25FT. Same as 70SP but with 25 feet of single-conductor shielded cable. Code: **Rurap.** List Price **\$24.30**

Shure Model 71AS Crystal Hand Microphone

"Close-Talking" type. Handsome chrome-finished case with rubber-black handle. "Push-to-talk" switch in handle. 7 ft. of special shielded, single conductor cable. Diameter of case 3 1/8". Overall length 9". Shipping weight, 1 3/4 lbs.

Model 71AS. Code: **Rurec.** List Price **\$26.50**

Model 71A. Crystal Hand Microphone. Same as Model 71AS but without switch. Code: **Rureb.** List Price **\$25**

Model 71BS. Crystal Hand Microphone. Non-"Close-talking" type. "Push-to-talk" switch in handle. 7 ft. of special cable. Code: **Rurih.** List Price **\$25.50**

Model 71B. Crystal Hand Microphone. Same as 71BS but without switch. Code: **Rurig.** List Price **\$24**

Model A80A Stand Switch

New handy stand-mounting on-off switch which can be used with any type microphone. Small attractive cast-aluminum case, with rubber-black enamel finish. Standard 3/8"-27 thread fits all Shure Stands. Overall height, 2 1/2". Shipping weight, 1/4 lb.

Model A80A. Stand Switch. Code: **Rudam.** List Price **\$2.50**



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 "Microphone Headquarters" • Cable: "SHUREMICRO"

DETAILED "DATA SHEETS" AVAILABLE ON ALL ITEMS • MENTION MODEL NUMBER

SHURE



Crystal MICROPHONES

Model 74C "Spheroid"

A crystal microphone combining High Output Level, "Wide-Range" Reproduction and Non-Directional Pickup. Sound reaches the small Curvilinear diaphragm through a complete angle of 360 degrees with a frequency response from 40 to 10,000 cycles. Response is essentially non-directional for sound approaching from any angle. Special Dual-Drive "Grafoil" Bimorph Crystal, Cruciform Mounted, lowers cable losses. Overall diameter 2 1/4". Rubber-black finish with chromium circles. Furnished with locking, shielded 3-conductor plug, convertible receptacle for stand or suspension use, and cable strain relief. (No cable furnished—see C10B and C20B listings on this page). Net weight, 7 1/2 oz. Shipping weight, 1 lb.



Model 74C. "Spheroid" Crystal Microphone. Code: **Rugel**. **\$37⁵⁰**
List Price.....

Model 75B Spherical Crystal Microphone

An economical Shure Non-Directional Crystal Microphone with wide-range response. Acoustic stream lining and scientific placement of the small Curvilinear diaphragm insure essentially non-directional response for sound approaching from any angle. Crystal element is a Dual-Drive "Bimorph" unit, with the new Shure Cruciform Mounting. Only 2 1/4" in diameter. Rich rubber-black finish. Mounts on any Shure stand. Complete with side-cable outlet and 25 feet of shielded single-conductor, rubber-jacketed cable. Shipping weight, 1 1/2 lbs.



Model 75B. Spherical Crystal Microphone. Code: **Rugom**. **\$32**
List Price.....

Volume Controls for Crystal Microphones

Speakers, soloists, and announcers can now control the volume of a crystal microphone... smoothly... noiselessly... with complete freedom from unwanted "tone-control" effects! A new capacity attenuator, an original development by Shure engineers, has made this possible. The unit is small and compact (4" by 2" by 2") and mounts on any Shure Stand. Finish is standard rubber-black with chrome and black "Volume" escutcheon. Convenient ON-OFF switch, independent of volume control is provided. Cable may be run through stand tubing if desired.



Shure Volume Controls are supplied in two types: "Demountable," with receptacle for 74C and 70H-79AC Microphones, and "Coupling" type threaded 5/8"-27 for Models 70H, 700A, 701A and 702A. Both types are supplied with 25 or 50-foot lengths of single-conductor, rubber-jacketed shielded cable. For best results the cable should not be lengthened or shortened—use the full length supplied with the unit.

Model V21A. Crystal Microphone Volume Control. "Demountable" Type with 25-foot cable. Shipping weight, 2 3/4 lbs.
Code: **Rugos**. **\$12⁵⁰**
List Price.....

Model V22A. Crystal Microphone Volume Control. "Demountable" Type with 50-foot cable. Shipping weight, 3 1/2 lbs. Code: **Rugat**. **\$15**
List Price.....

Model V11A. Crystal Microphone Volume Control. "Coupling" Type with 25-foot cable. Code: **Rugap**. **\$12.50**
List Price.....

Model V12A. Crystal Microphone Volume Control. "Coupling" Type with 50-foot cable. Code: **Rugar**. **\$15**
List Price.....

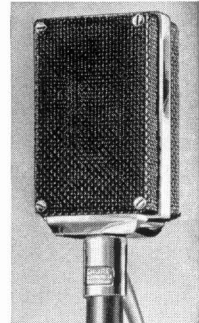
Model 70H-V11A. Crystal Microphone with Volume Control. Shure 70H mounted on Volume Control with 25-foot cable. Shipping weight, 3 3/4 lbs. Code: **Rugow**. **\$35**
List Price.....

Model 70H-V12A. Crystal Microphone with Volume Control. Shure 70H mounted on Volume Control with 50-foot cable. Shipping weight, 4 1/2 lbs. Code: **Rugoy**. **\$37.50**
List Price.....

Crystal Microphones licensed under patents of the Brush Development Company. Shure patents pending.

Model 85A High-Fidelity Sound-Cell Type Crystal Microphone

A true High-Fidelity microphone with a response characteristic within a total range of only 5 db from 30 to 10,000 cycles. Meets the most critical requirements in applications calling for the very highest quality sound reproduction. Uses a genuine Brush sound-cell unit. Non-directional pickup characteristic permits placement of artists all around the microphone if desired. Attractive "Grille-Type" case, finished in rubber-black with chromium plated fittings. Case measures 3 1/4" high, 2 3/4" wide and 1 1/4" thick. Net weight, 10 oz. Shipping weight, 1 lb. Furnished complete with 7-foot single-conductor shielded cable.



Model 85A. Code: **Ruleb**. **\$45**
List Price.....

Model 60C Contact-Type Crystal Microphone

For sound and vibration pickup in studies of machine noise and vibration, reproduction of stringed musical instruments, interception of sound through walls in criminal investigation work, and many other applications. High efficiency obtained with minimum acoustic pickup. 1 3/4" long, 1" wide, 3/4" high. Mounting lugs provided. Chromium plated. Complete with 7 feet of single-conductor, rubber-jacketed shielded cable. Net weight, including cord, 5 oz. Shipping weight, 10 1/2 oz.



Model 60C. Code: **Rutac**. **\$22⁵⁰**
List Price.....

Model 65A "Stethophone"

A new improved, non-acoustic piezo-electric device for pickup of heart and chest sounds for reproduction or recording. High output level achieved through new design principle. 3 1/4" long. Net weight (not including the cable), only 5 1/2 oz. Contrasting chromium and black finish. Has "press-to-listen" push-button switch. Furnished complete with removable strap (useful when making long observations) and 7 feet of shielded single-conductor cable. Shipping weight, 3/4 lb.



Model 65A. "Stethophone." Code: **Rutab**. **\$35**
List Price.....

Cable

Good cable is essential for proper operation of crystal microphones. Shure Crystal Cables are specially designed for low capacity and high insulation resistance, manufactured to rigid standards and carefully tested and inspected. Recent developments have made possible a cable with still lower capacity than was previously obtainable. Available in bulk, any length, or in special convenient trimmed lengths at no extra charge.

Model C10B. Crystal Microphone Cable. Single-conductor type, shielded with overall rubber jacket. Diameter, 7/32". Weight, 3 lbs. per 100 feet. Standard trimmed lengths are 7, 20, 25, 35 and 50 feet. Code: **Rurim**. List Price, per foot..... **10c**

Model C20B. Crystal Microphone Cable. Two-conductor type, shielded with overall rubber jacket. Diameter, 1/4". Weight, 4 lbs. per 100 feet. Standard trimmed lengths are 7, 20, 25, 35 and 50 feet. Code: **Rubat**. List Price, per foot..... **15c**

Model C11A. Crystal Microphone Cable. Light, flexible, single-conductor type, shielded, with black cotton braid. Used on 73A Lapel Microphones. Diameter, 3/16". Weight, 1 3/4 lbs. per 100 feet. Standard trimmed length is 25 feet. Code: **Ruriv**. List Price, per foot..... **10c**

PREAMPLIFIER-TYPE MICROPHONES

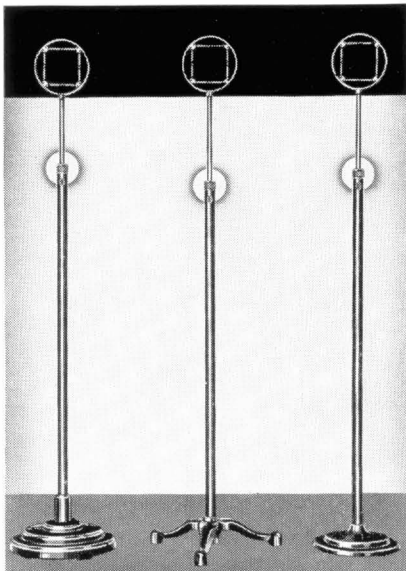
Preamplifier-type microphones in General Purpose Crystal and High Fidelity "Wave-Equalized" Crystal and Condenser Models, as well as Preamplifiers and Power Supplies, are listed on the back page of this catalog.

SHURE BROTHERS • 225 W. HURON ST. • CHICAGO
"Microphone Headquarters" • Cable: **"SHUREMICRO"**

SHURE STANDS



and Accessories



S58A

S57B

S56A

Shure Stands, designed by microphone specialists familiar with every phase of microphone service, have become the accepted standard due to their convenience, distinctive modern design, rugged construction and moderate cost. A complete range of types and styles solves every microphone mounting problem.

FLOOR STANDS

All Shure Floor stands have the exclusive "Automatic Friction Lock." You simply raise, lower or turn the microphone . . . no thumb screws or wing nuts . . . no rattling or sudden dropping! The proper degree of friction is adjusted by rotating the chromium collar at the top of the barrel. Cables may be run through tubings, or outside with a P50A Side Cable outlet. Effective height adjustment 43" to 68". Finish is standard rubber-black with chromium plated trim. Standard $\frac{5}{8}$ "—27 thread. Rings are not included, and must be ordered separately.

Model S56A. Floor Stand. "Round" Base. Base diameter, 10 $\frac{1}{4}$ ". Net weight, 11 lbs. Shipping weight, 12 $\frac{1}{2}$ lbs. Code: **Ruvos.**
List Price..... **\$1350**

Model S57B. Floor Stand. 3-leg "Tri-Ped" Base, Leg spread, 15 $\frac{1}{2}$ ". Net weight, 13 $\frac{3}{4}$ lbs. Shipping weight, 15 $\frac{3}{4}$ lbs. Code: **Rugart.**
List Price..... **\$1550**

Model S58A. Floor Stand. Large, heavy "Modernistic" round base. Base diameter, 12 $\frac{1}{2}$ ". Net weight, 14 $\frac{1}{4}$ lbs. Shipping weight, 16 lbs. Code: **Ruvim.** **\$1750**
List Price.....

Model S59A. Floor Stand. Modernistic extra-heavy base, with space in base for pre-amplifier or power supply. Effective height adjustment, 48" to 73". Base diameter, 15". Net weight, 29 $\frac{1}{4}$ lbs. Shipping weight, 33 $\frac{1}{2}$ lbs. Code: **Rudal.** **\$3650**
List Price.....

Model S54B. Floor Stand. A light weight Utility stand with three extensible sections. Modernistic base, 10 $\frac{3}{8}$ " in diameter, finished in black "Wrinkle" enamel. Height adjustment, 25 $\frac{1}{2}$ " to 62 $\frac{1}{2}$ ". Net weight, 7 $\frac{1}{2}$ lbs. Shipping weight, 8 $\frac{3}{4}$ lbs. Code: **Rucov.**
List Price..... **\$10**



S54B

DESK and BANQUET STANDS



Model S30B. "Special" Desk Stand. A small desk unit for Carbon Microphones complete with 5" ring. Modern bevel-edged design, beautifully finished in chromium plate overall. Cord entrance in base. Complete with 8 rust-proof springs. Base diameter, 4 $\frac{1}{4}$ ". Height overall, 7". Net weight, 1 lb. Shipping weight, 1 $\frac{1}{4}$ lbs. Code: **Runep.**
List Price..... **\$350**

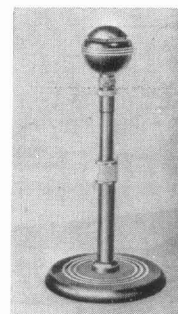
Model S31A. Desk Mount. A short, non-adjustable, desk-type mount of proper height for operating table. Cord entrance in base. Rubber black finish overall. Base diameter 4 $\frac{3}{4}$ ". Height, 6 $\frac{3}{4}$ ". Net weight, 1 lb. Shipping weight, 1 $\frac{1}{4}$ lbs. Code: **Rujab.**
List Price..... **\$3**

Model S41A. Banquet Stand. A lightweight "utility" stand, finished in polished nickel plate. Non-adjustable. Cord entrance in base. Base diameter, 4 $\frac{1}{4}$ ". Height, 10". Net weight, 1 lb. Shipping weight, 1 $\frac{1}{4}$ lbs. Code: **Rujak.**
List Price..... **\$350**



Model S32C (formerly 51DC). Modernistic Desk Stand. A new adjustable desk stand with the exclusive Shure "Automatic Friction Lock!" Beautiful modern design, with three chromium circles on base contrasting with the rich rubber-black finish. Base diameter, 6". Height, adjustable from 7" to 11". Net weight, 3 $\frac{1}{2}$ lbs. Shipping weight, 3 $\frac{3}{4}$ lbs. Code: **Rudes.**
List Price..... **\$650**

Model S42C (formerly 52DC). Modernistic Banquet Stand. A companion unit to Model S32C listed above, useful where greater height is needed. Height range, 15" to 22". Net weight, 3 $\frac{1}{2}$ lbs. Shipping weight, 4 $\frac{1}{4}$ lbs. Code: **Rukof.**
List Price..... **\$750**



S32C

Cable Fittings



Model P40C. Stand Receptacle. Locking three-conductor, fully shielded type. Mounts on any Shure Stand. Useful for converting "non-demountable" microphones to "demountable" type. A P51A Strain Relief (See description below) is included. Standard rubber-black finish. Shipping weight, $\frac{1}{4}$ lb. Code: **Rulir.** List Price..... **\$1.25**

Model P51A. Strain Relief. Used with Stand Receptacle when cable is run inside tubing. Prevents terminal strain. Cadmium plated. Code: **Rupat.** List Price..... **25c**



Model P52A. Cable Guide. Holds cable neatly beside stand. Attached to tubing near base. Rubber-black finish. For S54B Floor Stand. Shipping weight, $\frac{1}{4}$ lb. Code: **Rujov.** List Price..... **\$1.00**

Model P53A. Cable Guide. For S56A, S57B, S58A and S59A. Floor Stands. Code: **Rujor.** List Price..... **\$1.00**

Model P50A. Side Cable Outlet. Brings cable outside stand. Self strain-relief feature. Rubber-black finish. Code: **Rupak.** List Price..... **75c**



Plugs and Receptacles



Model P10B. Plug. Three-conductor type. Threaded locking ring and water-proof strain-relief gasket cap. May be used to convert "non-demountable" microphones to demountable type. Chromium plated. Shipping weight, $\frac{1}{4}$ lb. Code: **Rulab.** List Price..... **\$1**



Model P20B. Receptacle. Three-Conductor type, complete with water-proof strain-relief gasket cap. Fits P10B Plug. Chromium plated. Shipping weight, $\frac{1}{4}$ lb. Code: **Rulam.** List Price.. **\$1**

Model P41A. Receptacle. Three-Conductor type. Mounts in $\frac{3}{16}$ " hole on chassis or panel. Fits P10B Plug. Nickel plated. Shipping weight, $\frac{1}{4}$ lb. Code: **Rutop.** List Price..... **50c**

Model 79P. Plug. Two-Conductor Telephone type. Fully shielded. Chromium plated. Shipping weight, $\frac{1}{4}$ lb. Code: **Rurik.** List Price..... **\$2.25**

Model 79R. Receptacle. Fully-shielded cable-connector type receptacle for 79P Plug. Chromium plated. Shipping weight, $\frac{1}{4}$ lb. Code: **Ruril.** List Price..... **\$2.50**

Stand Adapters

Model A20A. Adapter. For mounting microphones with $\frac{1}{2}$ " Pipe Thread on any Shure Stand ($\frac{5}{8}$ "—27 thread). White nickel plated. Shipping weight, $\frac{1}{4}$ lb. Code: **Rudap.** List Price..... **\$1.00**

Model A21A. Adapter. For mounting microphones with $\frac{1}{2}$ " Pipe Thread on any Shure Stand ($\frac{5}{8}$ "—27 thread). Chromium plated. Code: **Rujec.** List Price..... **\$1.00**

Flexible Coupling
Model A10A. Flexible Coupling. Reduces pickup of shock and vibration. Installed between microphone and any Shure Stand. Code: **Ruvor.** List Price..... **\$1.00**

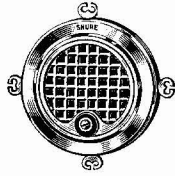
SHURE MICROPHONES

for Every Application



Model 3B Two-Button

Advanced engineering and controlled quantity production have made possible this full-size Two-Button Microphone with quality performance never before available at such extremely low cost! Designed for spring suspension. Rigid cast frames and built-in protective grill, finished in bright nickel plate overall. Has the well-known Shure "Quickway" Hooks. May be used as a single-button microphone. Frame diameter, 3". Net weight, 1/2 lb. Shipping weight, 3/4 lb.
Model 3B. Two-Button. Code: **Ruciv.** \$550
 List Price.....



Model 10B. Convertible Hand Microphone. Convenient general purpose P.A. microphone, convertible from hand to 3B type for stand mounting by removing mounting ring and inserting four "Quickway" Hooks. Black enameled handle. Overall length, 8 3/4". Net weight, 3/4 lb. Shipping weight, 1 lb. Complete with 6 feet of three-conductor cable and 4 "Quickway" Hooks. Code: **Rucor.** \$10
 List Price.....

Model 10BS. Convertible Hand Microphone. Same as Model 10B but includes a concealed switch which automatically cuts off the microphone when it is placed in a horizontal position. Code: **Rucos.** \$1150
 List Price.....



Model 11B Two-Button Hand Microphone

High quality two-button "close-talking" hand microphone. Especially suitable wherever the level of "crowd" or background noise is high. Modern chrome-finished case; rubber-black handle. Suspension eye at top. Case diameter 3 1/4". Length 9". Net weight, 1 1/4 lb. Shipping weight, 1 3/4 lbs. Complete with 6 ft. color-coded three-conductor cord.
Model 11B. Code: **Rudil.** \$15
 List Price.....



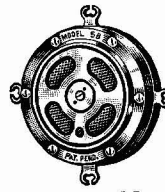
Model 11BS. Same as 11B, but with push-button switch. Code: **Ruhas.** List Price..... \$16.50

Model 11C. A "non close-talking" type two-button hand microphone. Code: **Rubom.** List Price..... \$15

Model 11CS. Same as Model 11C, but with "press-to-talk" switch in handle. Code: **Rubot.** List Price..... \$16.50

Model A35A. Suspension Adapter. Chromium plated. 3/4" —27 thread. Shipping weight, 1/4 lb. Code: **Rudem.** \$1.50
 List Price.....

Model W10A. Carbon Granules. Recommended for experimental work only. Packed in capsule or vial. Code: **Rugun.** List Price..... \$1



Model 5B Two-Button

A full-size two-button microphone (diameter overall 3 3/4", thickness 1 1/4", weight 15 1/2 ozs.). Regular full-size precision adjustable buttons and special diaphragm assure exceptional quality of reproduction. Ideal for low cost sound systems. Attractive modern design, finished in chromium plate. Screen-protected diaphragm and "Quickway" Hooks. Shipping weight, 1 1/4 lbs.
Model 5B. Code: **Rucit.** \$10
 List Price.....

Model 22B Two-Button

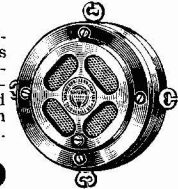
Embodies refinements formerly found only in more costly instruments. Genuine cathode-sputtered gold-spot diaphragm, carefully stretched and scientifically damped. Chromium plated. Net weight, 1 lb. Shipping weight, 1 1/2 lbs.
Model 22B. Code: **Rudip.** \$25
 List Price.....

Model 27N Two-Button

Professional type two-button microphone in every respect. Beautiful case, richly finished in chromium plate. Thickness 1 3/8". Diameter overall 3 3/4". Net weight, 1 1/2 lbs. Shipping weight, 1 3/4 lbs.
Model 27N. Code: **Rubal.** \$3750
 List Price.....

Model 33N Two-Button

The most highly developed two-button microphone. Used in Broadcast Stations because of its excellent frequency response, ruggedness and dependability. Massive brass frames. Dural diaphragm with genuine cathode-sputtered gold spots, carefully stretched and aged. Chromium plated. Thickness 1 1/4". Diameter overall, 4 3/16". Net weight, 2 1/2 lbs. Shipping weight, 3 lbs.
Model 33N. Code: **Rulit.** \$50
 List Price.....



Rings and Springs



Model R20B. Standard Ring. A sturdy full-size, 6" ring for carbon microphones. Attractive bevel-edge design. "Quickway" Hooks for quick mounting. Chromium plated. Complete with 8 rustproof springs. Shipping weight, 1 lb. Code: **Ruket.** List Price..... \$2.50

Model R10A. Ring. A light 5" ring for small carbon microphones. Chromium plated. Shipping weight, 3/4 lb. Complete with 8 rust-proof springs. Code: **Rujes.** List Price..... \$2.25

Model R10B. Ring. Same as R10A but bright nickel plated. Code: **Rujam.** List price..... \$2
The above Rings are protected by U. S. Patent Des. 100,928

Model A30A. Springs. Medium length for R20B Rings. Rust-proof. Code: **Rukis.** Set of eight. List Price..... \$1

Model A31A. Springs. Short length for R10 Rings. Rust-proof. Code: **Rukop.** Set of eight. List Price..... \$1

Microphone Repair Service All microphones require occasional repairs. Carbon microphones need reconditioning at least once a year to maintain sensitivity and quality. "Microphone Headquarters" maintains a special repair department for repairing and reconditioning all types and makes of microphones. Write for quotations.

4-WAY UTILITY MICROPHONES

4 Microphones in One!

Now a new economical microphone convenience—4 Microphones in One! A special handle and base with coupling permits instant change from Hand Type to Desk Type... or Desk Microphone to Hand Instrument without tools or bother. The same microphone may easily be mounted on a Floor Stand or Spring-Suspended in a Carbon Ring.

Shure 4-WAY UTILITY Microphones are available in General-Purpose Crystal, "Communications-Type" Crystal and Two-Button Carbon Types.

Crystal and Carbon Types



DESK



HAND

Model 70HK. General-Purpose Crystal Microphone. For high quality life-like reproduction of Music and Speech and for General applications. Complete with microphone, 25 ft. single-conductor shielded cable, special handle, adapter, 4 "Quickway" Hooks and chrome plated base. Code: **Rurat.** \$2750
 List Price.....

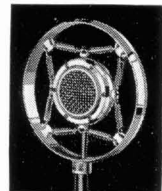
Model 70SK. "Communications-Type" Crystal Microphone. Specially designed for effective communications service in Police Radio, Amateur Radiophone, and High-Efficiency P.A. voice-announcement systems. Complete with

microphone, 7 ft. two-conductor shielded cable, special handle, adapter, 4 "Quickway" Hooks, and chrome plated base. Code: **Rurep.** \$26
 List Price.....

Model 10BK. Two-Button Microphone. Advanced engineering and design makes it possible to offer this most economical 4-WAY UTILITY Unit for low-cost P.A. and Amateur use. Complete with microphone, 4 "Quickway" Hooks, special handle, adapter, 6 ft. three-conductor cable and nickel plated base. Code: **Rucol.** \$12
 List Price.....



STAND



Ring Suspension

SHURE



Preamplifier-Type MICROPHONES

HIGH-FIDELITY "Wave-Equalized" Models CRYSTAL and CONDENSER

Shure "Wave-Equalized" High-Fidelity Crystal and Condenser Microphones are widely used in well known film and disc recording studios and in outstanding broadcast stations throughout the world. The exclusive "Wave-Equalized" feature provides flat average response within only 2 db for Crystal Models and 4 db for Condenser Models from 40 to 10,000 cycles. . . . Performance unexcelled by present day microphones. Both Crystal and Condenser Microphones have high output level and standard 200-ohm output impedance. Shure "Wave-Equalized" microphones may be directly connected to existing equipment without addition of preamplifiers or extensive alterations. They are ideal for simple, direct replacement of existing carbon and condenser microphones. Complete technical data will be sent on request.



Model 77D Crystal Model 43D Condenser

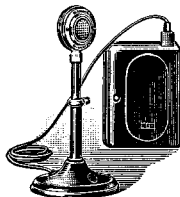
High-Fidelity instruments with the Shure "Wave-Equalized" principle. May be suspended overhead or mounted on stand. High output level and standard 200-ohm output impedance. High-gain integral two-stage preamplifier. Complete with one '6C6 and one '76 tube, 25 ft. of shielded power cable and suspension adapter.

Model 43D. Condenser Microphone.
Code: **Rulet.** List Price..... **\$150**
Model 77D. Crystal Microphone. Code: **Ruri** List Price..... **\$150**

Model 77E Crystal Model 43E Condenser

Shure "43" Condenser or "77" Crystal Head mounted on S32C Modernistic Desk Stand with a special high-gain two-stage "Wave-Equalized" preamplifier. Furnished with one '6C6 and one '76 tube, 7 ft. of low-capacity cable with plug, and 25 ft. of shielded power cable.

Model 43E. Condenser Microphone. Code: **Rujel.** List Price..... **\$165**
Model 77E. Crystal Microphone. Code: **Rurid.** List Price..... **\$165**



Model 77F Crystal Model 43F Condenser

Shure "43" Condenser or "77" Crystal Head mounted on S59A Floor Stand with high-gain two-stage "Wave-Equalized" preamplifier in base. Includes one '6C6 and one '76 tube, and 25 ft. of shielded power cable.

Model 43F. Condenser Microphone. Code: **Rujem.** List Price..... **\$190**
Model 77F. Crystal Microphone. Code: **Rurif.** List Price..... **\$190**

Model 77H Sound-Cell Crystal Microphone

A high quality "wide-range" crystal microphone. Rising response from 1,000 to 10,000 cycles which can be compensated for in the amplifier or utilized to overcome deficient high-frequency response in amplifier or loud speakers. Consists of a genuine Brush Sound-Cell, specially mounted in a beautifully designed chromium plated case. Complete with "close-fitting" ring and 7 ft. of shielded low-capacity cable.

Model 77H. Code: **Rurib.** List Price..... **\$80**

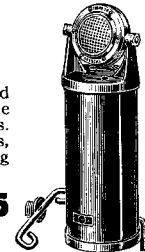
Preamplifier-Type Wide-Range CRYSTAL MICROPHONES

The low output impedance, high output level and excellent frequency response of Shure Preamplifier-Type Crystal Microphones makes them ideal for replacement of carbon and condenser units. It is possible to use long lines to the main amplifier and to work into existing 200-ohm mixers or low-gain amplifiers without making any circuit changes whatsoever in the main amplifying equipment. The response characteristic is "Wide-Range", resulting in pleasing, natural reproduction of music and speech.

Model 70D

Shure "70" Crystal Microphone Head, with the added utility of integral two-stage preamplifier. Invaluable for overhead use. Mounts on standard Shure Stands. Height 11 $\frac{3}{8}$ ". Complete with two type '76 tubes, suspension adapter, and 12 ft. of cable. Shipping weight, 6 $\frac{3}{4}$ lbs.

Model 70D. Code: **Rurad.** List Price..... **\$65**



Model 70C



Consists of Shure "70" Crystal Microphone Head with integral two-stage preamplifier in attractive, modernistic "camera type" case. Rubber-black finish. Height 7 $\frac{3}{8}$ ". Complete with two type '76 tubes, suspension adapter, and 12 ft. cable. Shipping weight, 8 $\frac{1}{2}$ lbs.

Model 70C. Code: **Rurac.** List Price..... **\$70**
Model 70HC. Crystal Microphone. 70H with Flange Type mounting as used on model 70C. Code: **Rurif.** List Price..... **\$25**

Model 70E (with Remote Preamplifier)

Shure "70" Crystal Microphone Head on S32C Modernistic Desk Stand, with 70A Remote two-stage Preamplifier. High quality reproduction. Beautiful appearance. Complete with tubes. Shipping weight, 9 lbs.

Model 70E. Code: **Rurag.** List Price..... **\$56⁵⁰**



Model 70A Crystal Preamplifier



Two-Stage preamplifier flat within 2 db from 60 to 8,000 cycles. Approximate gain 55 db. Furnished with two type '76 tubes. Neat, trim, black japanned steel case. Length 8", width 3", height 4 $\frac{1}{2}$ ". Shipping weight, 3 $\frac{3}{4}$ lbs.

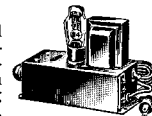
Model 70A. Code: **Ruraf.** List Price..... **\$27⁵⁰**

Model 41L Power Supply

Operates from 115 volt, 50 to 60 cycle A.C. line and supplies all voltage requirements for all Shure Preamplifiers and preamplifier model Microphones except 40 Series. Free from hum. Length 8", width 3 $\frac{3}{4}$ ", height 6 $\frac{3}{4}$ ". Complete with '84 tube, plug for microphone cable, and A.C. cord and plug. Shipping weight, 5 $\frac{1}{2}$ lbs.

Model 41L. Code: **Ruwis.** List Price..... **\$20**

Model 41LZ. Same as 41L, but for 220v., 50-60 cycles. Code: **Ruwip.** List Price..... **\$20**



Power Cable

Model C50B. Power Cable. Five conductors and shield. Heater leads twisted. Overall cotton braid. Available in 25-foot lengths. Diameter, $\frac{5}{16}$ ". Weight, 6 lbs. per 100 feet. Code: **Rubam.** List Price, per foot..... **30c**

SHURE BROTHERS • 225 W. HURON ST. • CHICAGO
"Microphone Headquarters" • Cable: "SHUREMICRO"

SHURE



Crystal DEVICES

THE NEW ZEPHYR

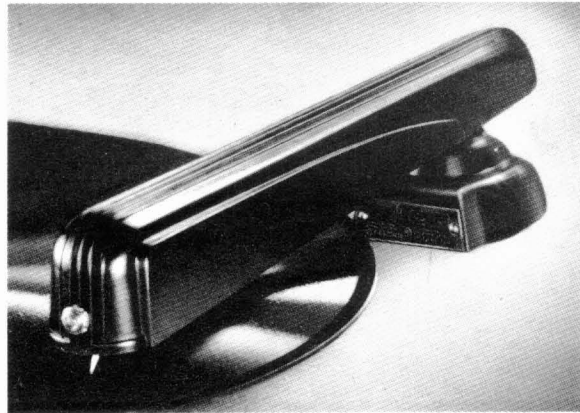
Balanced-Tracking CRYSTAL RECORD REPRODUCER

Now for the first time—a crystal record reproducer that combines more accurate, more life-like reproduction of the recorded original . . . lower record wear . . . and new modern "aero-stream" beauty. The new ZEPHYR accurately and faithfully reproduces a frequency range even wider than that of modern high quality recordings. Its response is smooth and free from distortion-producing peaks throughout the entire frequency range.



"Balanced-Tracking"

The illustration at the left shows how accurately the ZEPHYR "tracks" the groove across a 12" record. The enlarged views at the top (looking down at the record) compare the relation of needle to groove for the ZEPHYR pickup (solid line) and conventional pickup (dotted line) at the start (1), half (2), and finish (3) of the record. Shure "needle-tilt" Balanced-Tracking keeps the needle true to the groove . . . makes records last longer . . . gives finer reproduction.



These features, too, are important: "High-lift" arm for easy needle changing, Shock-proof assembly, Double Precision Ball Bearing pivot, Counter-balanced non-resonant arm, Permanent centering, Positive cone-grip needle-chuck, Genuine Brush bimorph torsion crystal. Output voltage approximately 1 volt at 1,000 cycles. Connects direct to grid of tube. Plays 10" and 12" records.

Model 99A. Shure ZEPHYR "Balanced-Tracking" Crystal Record Reproducer. Black Bakelite Molded. Overall Dimensions: 10 5/8" long, 2 3-16" high, base 2" wide. Radius of arm: 8". Shipping weight 1 1/2 lbs. Complete with 3 1/4 ft. shielded cord, mounting screws and motor board drilling template. Code: **Ruzef.**

List Price **\$12**

Model 66A Stethophone

A new improved, non-acoustic piezo-electric device for pickup of heart and chest sounds for reproduction or recording. High output level achieved through basically new design principle. Small, light, compact. Size: 1 5-16" by 15-16". Net weight, less cable, under 3 oz. Beautiful chromium finish. Complete with 7 ft. shielded single-conductor cable. Ship. Wt., 1/4 lb.



Model 66A. Stethophone. Code: **Rutal.**
List Price **\$35**



Model 60C Contact-Type Crystal Microphone

For sound and vibration pickup in studies of machine noise and vibration, reproduction of stringed musical instruments, interception of sound through walls in criminal investigation work, and many other applications. Size: 1 1/4" by 1" by 3/4". Mounting lugs provided. Chrome plated. Complete with 7 ft. single-conductor shielded cable. Ship. Wt. 10 1/4 oz.

Model 60C. Code: **Rutac.** List Price **\$22⁵⁰**

Crystal Microphone Cable

Good cable is essential for proper operation of crystal microphones. Shure cables are specially designed for low capacity and high insulation resistance, and are manufactured to rigid standards.

Available in bulk, any length, or in standard convenient trimmed lengths (7, 25 and 50 ft.) at no extra charge. All cable is shielded and has an overall rubber jacket. A special fabric-covered cable is also available on special order.

Model C10B. Single-conductor type. Diameter 7-32". Wt. 3 lbs. per 100 ft. Code: **Rurim.** List Price, per foot **10c**

Model C20B. Two-conductor type. Diameter 1/4". Wt. 4 lbs. per 100 ft. Code: **Rubat.** List Price, per foot **15c**

*Shure Crystal Devices are licensed under patents of the
Brush Development Company. Shure patents pending.*

Model 85A High-Fidelity Sound-Cell Type Crystal Microphone

A true High-Fidelity non-directional microphone with a response characteristic within a total range of only 5 db from 30 to 10,000 cycles. Meets the most critical requirements for highest quality sound production. "Grille-Type" case, finished in rubber-black and chrome. Case measures 3 11-16" by 2 5-16" by 1 1/4" in. Ship. wt., 1 lb. Complete with 7 ft. single-conductor shielded cable.



Model 85A. Code: **Ruleb.** List Price **\$45**



Volume Controls for Crystal Microphones

Speakers, soloists, and announcers can now control the volume of a crystal microphone at the microphone . . . smoothly . . . noiselessly . . . with complete freedom from unwanted "tone-control" effects! Small compact unit (4" by 2" by 2") that mounts on any Shure Stand. Rubber-black and chrome finish. Convenient ON-OFF switch. Volume Controls are supplied in two types: "Demountable," with receptacle for 70H-79AC Microphones, and "Coupling" type threaded 5/8"-27 for Models 70H, 700A, 701A and 702A. For best results the cable should not be lengthened or shortened—use the full length supplied with the unit.

Model 70H-V11A. 70H Crystal Microphone with Volume Control and 25 ft. of shielded cable. Ship. Wt., 3 3/4 lbs. Code: **Rugow.**
List Price **\$35**

Model V11A. Volume Control only. "Coupling" type with 25 ft. cable. Code: **Rugap.** List Price **\$12.50**

Model V21A. Volume Control only. "Demountable" type with 25 ft. cable. Code: **Rugos.** List Price **\$12.50**
Volume controls also available with 50 ft. cable.