

# ASTATIC MICROPHONES



# The Nation's Sound Source Since 1930

The Astatic Corporation has been a symbol of quality sound reproduction since its founding in 1930. As a pioneer manufacturer, Astatic has contributed extensively to the art of audio reproduction and has maintained a position of leadership in the field of microphones as well as phonograph cartridges and needles.

Astatic's reputation as an outstanding designer of microphones stems from its introduction in 1933 of the now famous D-104. This microphone continues today to be one of the most widely used microphones in communications for ham and CB.

Since the D-104, Astatic microphones have reflected the company's interest in technical excellence, appearance, and meeting specific needs of the audio industry. Developments have included a full range of mobile and communications microphones; versatile microphones of many sizes and styles for broadcast, recording, public address, entertainment, and other specific applications; an exclusive industrial microphone; and the widely known Astatic 77, which sets a standard for positive anti-feedback cardioid microphones.

Throughout its history, Astatic has maintained a program of constant research and development to attain its goal of new standards of perfection in design and workmanship.

The Astatic name continues to be your assurance of complete satisfaction.

## ASTATIC WARRANTY

These Astatic products are guaranteed against defects in material and workmanship, in accordance with Astatic's standard warranty.

## THE ASTATIC CORPORATION

CONNEAUT, OHIO

## CONTENTS

### CB, BROADCAST, RECORDING, PUBLIC ADDRESS AND ENTERTAINMENT MICROPHONES

#### BROADCAST, RECORDING, PUBLIC ADDRESS & ENTERTAINMENT MICROPHONES

Model 810 and 811 Ultra-Cardioid .....	2
Model 820 Omnidirectional .....	3
Model 840 Lavalier .....	4
Model 850 Ultra-Cardioid .....	5
Model 857 Cardioid .....	6
Model 860 Omnidirectional .....	7
Model 77 Dynamic Cardioid .....	11

#### MULTI-PURPOSE MICROPHONES

Model 335 Dynamic .....	15
Model 333 Ceramic .....	15
Model 332 Crystal .....	15
Model 337-GS Dynamic Gooseneck .....	15
Gooseneck Series .....	15

#### INDUSTRIAL MICROPHONE

Model 551 .....	14
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#### MOBILE MICROPHONES

Model 10M5A Carbon .....	12
Model 331 Ceramic .....	12
Model 400 "Buckeye" Dynamic .....	14
Model 511 Ceramic .....	12
Model 513H Dynamic .....	12
Model 525 DL6 "The Raven" .....	14
Model 531 Super Talk Power .....	12
Model 539 Noise Cancelling .....	12

#### AMPLIFIED MOBILE MICROPHONES

Model D104-M Minuteman I .....	13
Model D104-M6 Minuteman II .....	13
Model TMD-107 & TMD-107E .....	13
Model 555 "Trucker" Noise Cancelling .....	13
Model 557 "Trucker II" Noise Cancelling .....	13

#### PLUG-IN COMMUNICATIONS MICROPHONES

Model T-UP9-D104 Silver Eagle .....	9
Model T-UG8-D104 Crystal .....	8
Model T-UG9-D104 .....	8
Model 10DA Dynamic and Ceramic .....	10
Model D104 Series .....	8
Model DN-50 Dynamic .....	10
Model T-3 Crystal .....	10

#### GENERAL PURPOSE MICROPHONES

Model 150 Crystal .....	16
Model 151 Ceramic .....	16
Model JT-30 Crystal and Ceramic .....	16
Model 200 and 241 Crystal .....	16

#### MICROPHONE REPLACEMENT

#### CARTRIDGES .....

#### MICROPHONE ACCESSORIES

#### & STANDS .....

Model TG and TU Conversion Kits .....	17
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#### MICROPHONE SELECTOR GUIDE .....

SELECTING THE PROPER MICROPHONE. A special Microphone Selector Guide and the Astatic Technical Service Department can help you select the best Astatic microphone for your needs. See page 20.

# Astatic Public Address, Studio, Commercial

## Model 810s Ultra-Cardioid Dynamic

Earns the designation of Ultra-Cardioid with the most positive anti-feedback characteristics of any microphone in its class. Thus, no other microphone so completely provides the answers to severe problems of feedback, reverberation, and unwanted background noise. Has Astatic's exclusive sintered bronze acoustic filter for positive phase shift and outstanding directional characteristics, with a front-to-back differential of 25 dB. The 810 offers choice of high or low impedance by means of a simple, solderless adjustment. Dupont Mylar® diaphragm provides stability, long life and high impact strength while being virtually unaffected by moisture, temperature extremes, most acids, alkalis and solvents.

Furnished with on-off switch built into the swivel assembly, an essential feature for many applications. Swivels from vertical beyond 90° for easy and versatile positioning. Equipped with a broadcast type disconnect and 18 feet of high quality ultra-flexible shielded cable.

Meets every professional requirement with unexcelled, faithful reproduction.

Finish is non-reflecting, brushed satin chrome, with non-reflecting black chrome plated trim.

## Model 810s *GOLD* Ultra-Cardioid Dynamic

Same microphone as the Model 810S except for rich, non-reflecting brushed gold plating. Harmonizes beautifully with sacramental or entertainment decor.



## Model 810 Ultra-Cardioid Dynamic

Same microphone as the Model 810S except for the exclusive Astatic "Easy-On" swivel adaptor in place of the on-off switch assembly. Can be quickly and quietly changed from stand mount to hand held.

## Model 810 *GOLD* Ultra-Cardioid Dynamic

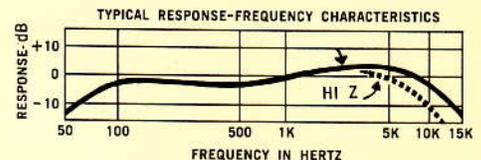
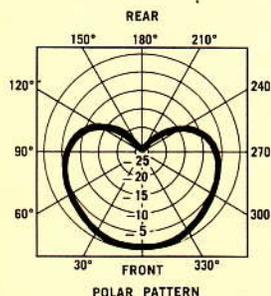
Same microphone as the Model 810 except for rich, non-reflecting brushed gold plating. Harmonizes beautifully with sacramental or entertainment decor.

## Model 811 Ultra-Cardioid Dynamic

Same as Model 810 except designed for use with "G", "UG8" or "T-UG9" grip-to-talk stands. An ideal top-quality paging church applications and communications desk stand microphone with frequency response tailored for faithful voice and music reproduction.

### 810, 810s AND 811 SPECIFICATIONS

- FREQUENCY RESPONSE:** 40-15,000 Hz.
- OUTPUT:** Hi Z, - 50dB. Re: 1 volt/microbar.  
Lo Z, - 54dB. Re: 1 mw/10 microbars.
- FRONT-TO-BACK RATIO:** 25 dB.
- IMPEDANCE:** Multi-Impedance: EIA Ratings, Hi Z: 40,000 ohms. Lo Z: 150 ohms.
- DIMENSIONS:** 1 5/8" Diameter, 5 5/8" Long.
- WEIGHTS:** Model 810: less cable 8 oz.  
Model 810: with cable 1 lb. 4 1/2 oz.  
Model 810s: less cable 1 lb. 2 oz.  
Model 810s: with cable 1 lb. 14 1/2 oz.  
Model 811: 13 1/2 oz.
- CONNECTOR:** Professional broadcast type, interchangeable with Cannon XLR-4, 810 and 810s models only.
- CABLE:** 18 feet of heavy duty ultra-flexible 3 wire cable, 810 and 810s models only.
- SWITCH:** Built-in on-off switch, Model 810s only
- ACCESSORIES:** See pages 19 and 20.



# Sound, and Recording Microphones

## Model 820s Omnidirectional Dynamic Probe

The ultimate in sensitive, balanced sound pickup from all directions, assuring consistent volume and professional clarity for talking, singing, and instrumental groups of every conceivable type. This perfectly concentric pickup pattern is mated with other special features to make the 820S one of the most versatile microphones in the industry. Impedance is changeable to high or low by a simple solderless adjustment. Has an on-off switch built into the swivel assembly, an essential feature for many applications. Swivels from vertical beyond 90° for easy and versatile positioning. Dupont Mylar® diaphragm provides stability, long life and high impact strength, while being virtually unaffected by moisture, temperature extremes, most acids, alkalies and solvents. Furnished with 18 feet of high quality ultra-flexible shielded cable. Finish is non-reflecting, brushed satin chrome, with swivel adaptor in Astatic's exclusive non-reflecting black chrome plating. In every application, the 820S probe provides balanced sound pickup and unexcelled, faithful reproduction.



## Model 820s *GOLD* Omnidirectional Dynamic Probe

Same microphone as the Model 820S except for rich, non-reflecting brushed gold plating. Harmonizes beautifully with sacramental or entertainment decor.



## Model 820 Omnidirectional Dynamic Probe

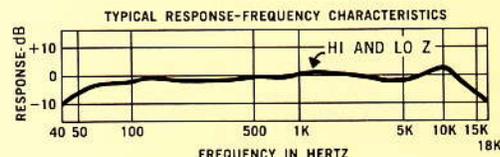
Same microphone as the Model 820S except for the exclusive Astatic "Easy-On" swivel adaptor in place of the on-off switch assembly. Can be quickly and quietly changed from stand mount to hand held. Weight is 17 ounces with cable.

## Model 820 *GOLD* Omnidirectional Dynamic Probe

Same microphone as the Model 820 except for rich non-reflecting brushed gold plating. Harmonizes beautifully with sacramental or entertainment decor.

### 820 AND 820s SPECIFICATIONS

<b>FREQUENCY RESPONSE:</b>	40-18,000 Hz.
<b>OUTPUT:</b>	Hi Z, - 61dB. Re: 1 volt/microbar. Lo Z, - 60dB. Re: 1 mw/10 microbars.
<b>IMPEDANCE:</b>	Multi-Impedance: EIA Ratings, Hi Z: 40,000 ohms. Lo Z: 150 ohms.
<b>DIMENSIONS:</b>	¾" Diameter, 9" Long.
<b>CONNECTOR:</b>	Professional broadcast type interchangeable with Cannon XLR-4.
<b>CABLE:</b>	18 feet of heavy duty ultra-flexible 3 wire cable.
<b>SWITCH:</b>	Built-in on-off switch, Model 820s only.
<b>WEIGHTS:</b>	Model 820: with cable 1 lb. 1 oz. Model 820s: less cable 14½ oz. Model 820s: with cable 1 lb. 11 oz.



SEE ACCESSORY PAGE FOR EO-20 STAND ADAPTOR

# Astatic Public Address, Studio, Commercial Sound, and



Model 840S

## Model 840s Dynamic Lavalier

In a class by itself for retaining wide response and professional performance quality along with miniaturization and light weight. Also engineered to prevent chest cavity resonance from interfering with its pure clarity and intelligibility. A simple adjustment converts from lavalier to an ideal omnidirectional hand-held response pattern. A recessed, built-in on-off switch affords user control and convenience. Furnished with both a spring clip attachment and a neck cord and holder; also 30 feet of 1/8" diameter two conductor shielded super-flexible cable. A DuPont Mylar<sup>®</sup> diaphragm provides stability, long life and high impact strength while being virtually unaffected by moisture, temperature extremes, many acids, alkalis and solvents. Finish is non-reflecting brushed satin chrome, with matching clips. Unequalled for the entire gamut of applications requiring the microphone to move with the user.

## Model 840s GREY Dynamic Lavalier

Same microphone as Model 840S except has rich, new non-reflecting TV Grey finish.

## Model 840s GOLD Dynamic Lavalier

Same microphone as the Model 840S except for rich, non-reflecting brushed gold plating. Blends unobtrusively in many applications such as sacramental or entertainment.



Model 840

## Model 840 Dynamic Lavalier

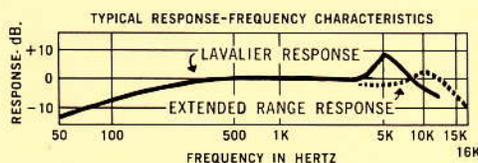
Same microphone as the Model 840S except smaller due to elimination of on-off switch.

## Model 840 GREY Dynamic Lavalier

Same microphone as Model 840 except has rich, new non-reflecting TV Grey finish.

## Model 840 GOLD Dynamic Lavalier

Same microphone as the Model 840 except for rich, non-reflecting brushed gold plating. Blends unobtrusively in many applications such as sacramental or entertainment.



### 840 AND 840s SPECIFICATIONS

<b>FREQUENCY RESPONSE:</b>	50-12,000 Hz as Lavalier. 50-16,000 Hz as Hand Held.
<b>OUTPUT:</b>	- 59dB. Re: 1 mw/10 microbars.
<b>IMPEDANCE:</b>	Low impedance: EIA 150 ohms.
<b>DIMENSIONS:</b>	Model 840s: 3/4" Diameter, 3 3/4" Long. Model 840: 2 5/8" Long.
<b>CABLE:</b>	30 feet of super-flexible 3 wire 1/8" diameter cable.
<b>ACCESSORIES:</b>	Spring clip holder, adjustable neck cord and holder, and 840s models have on-off switch.
<b>WEIGHTS:</b>	Model 840 Series: with cable 6 oz. Model 840s Series: with cable 6 3/4 oz.

SEE ACCESSORY PAGE FOR EO-40 STAND ADAPTOR

# Recording Microphones



## Model 850s Ultra-Cardioid Dynamic

Ball head filter eliminates pop, blast and wind noise, making this microphone ideal for indoor-outdoor use, and for close work. Tailored response provides superior performance where other cardioid microphones fail. Smart, new look in non-reflecting brushed satin chrome, and black satin chrome trim.

Positive, anti-feedback characteristics make reverberation, feedback and audience noise problems of the past. Astatic's exclusive Sibro-phase acoustic phasing system provides an unsurpassed 25 dB front-to-back rejection ratio that is the best in the industry.

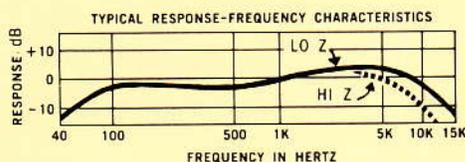
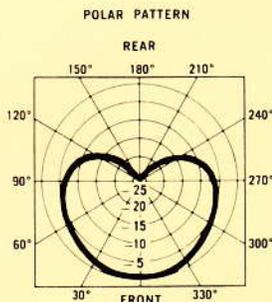
Chrome plated steel ball head screen encloses acoustic filters, foam filter and a magnetic screen to protect the DuPont Mylar® diaphragm from dust and magnetic particles. Impedance changed from high to low by a simple solderless connection.

Has an integral on-off DPDT switch in swivel assembly. Swivel allows easy positioning from vertical to more than 90°. An eighteen-foot two-conductor, shielded, ultra-flexible cable is included. The broadcast-type connector is interchangeable with Cannon XLR-4.



## Model 850 Ultra-Cardioid Dynamic

Same microphone as Model 850S except with exclusive Easy-On swivel adaptor in place of the on-off switch assembly. Can be quickly and quietly changed from stand mount to hand held.



### 850 SERIES SPECIFICATIONS

- FREQUENCY RESPONSE:** 40-15,000 Hz.
- OUTPUT:** Hi-Z, -50 dB Re: 1 volt/microbar.  
Lo-Z, -54 dB Re: 1 mw/10 microbars.
- FRONT-TO-BACK RATIO:** 25 dB.
- IMPEDANCE:** Multi-Impedance: EIA Ratings,  
Hi-Z: 40,000 ohms. Lo-Z: 150 ohms.
- DIMENSIONS:** 2 1/8" Diameter, 6 1/8" Long.
- CONNECTOR:** Professional broadcast type,  
interchangeable with Cannon XLR-4.
- CABLE:** 18 feet of heavy duty ultra-flexible  
3 wire cable.
- SWITCH:** Built-in on-off switch (on 850S only).
- WEIGHT:** Model 850: 1 lb. 6 1/2 oz. with cable.  
Model 850S: 2 lbs. 1/4 oz. with cable.

# Astatic Rock Group, Public Address, Studio, Commercial



## Model 857H Cardioid Dynamic

New production efficiencies permit Astatic to put a modest price tag on these excellent rated performers. Ball head design and polyester diaphragm combine to make a blastproof design ideal for outdoor-indoor applications and close voice work. High quality in response, in unidirectional, anti-feedback, anti-reverberation characteristics. Astatic Easy-On Swivel Stand Adaptor (furnished) permits quick, quiet change from stand to hand held and back.

High impedance model (See specifications) for use with high impedance inputs. Adaptable to low impedance inputs or long lines with use of an Astatic LT-6 matching transformer. Features a professional three-pin type cable connector.

An unusual, heavy satin nickel finish and the slim line design make this one of the most attractive microphones made. Ball head removes easily by unscrewing counterclockwise.

## Model 857H-S Cardioid Dynamic

Same high impedance microphone as the Model 857H except has line shorting on-off switch wired in the three-pin cable connector.



## Model 857L Cardioid Dynamic

Same microphone as the Model 857H except for low impedance (See specifications) for use with low impedance inputs. Adaptable to high impedance inputs with use of an Astatic LT-6 matching transformer at the amplifier input.

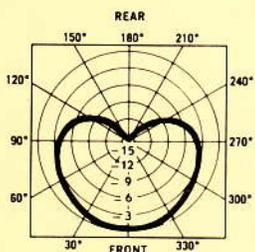
## Model 857L-S Cardioid Dynamic

Same low impedance microphone as the Model 857L except has line shorting on-off switch wired in the three-pin cable connector.

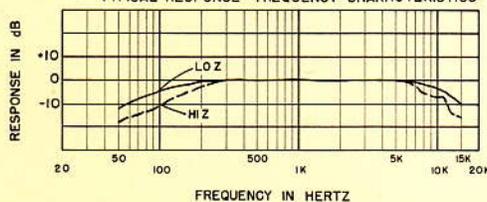
### 857 SERIES SPECIFICATIONS

<b>FREQUENCY RESPONSE:</b>	50-15,000 Hz (See curve).
<b>OUTPUT LEVELS:</b>	Voltage: -79 dB re 1 volt/microbar. Power: -57 dB re 1 milliwatt/10 microbars.
<b>Lo-Z Models</b>	(EIA) Gm Sensitivity: -150 dB re 1 milliwatt/.0002 microbar.
<b>Hi-Z Models</b>	(EIA) Gm Sensitivity: -153 dB re 1 milliwatt/.0002 microbar.
<b>FRONT-TO-BACK RATIO:</b>	15 dB approx.
<b>IMPEDANCE:</b>	Lo-Z models: 150 ohm (EIA). Hi-Z models: 40,000 ohms (EIA).
<b>DIMENSIONS:</b>	2 1/4" dia. (ball) x 6 1/2"
<b>CONNECTOR:</b>	Professional 3 pin, positive grounding type. Interchangeable with Switchcraft A-3 or Cannon XL-3 series.
<b>CABLE:</b>	Lo-Z = 18 feet, 3 wire with black vinyl jacket. Hi-Z = 18 feet, 2 wire black vinyl jacket.
<b>SWITCH:</b>	Integral SPDT subminiature slide switch in cable connector (in switch versions).
<b>STAND ADAPTOR:</b>	Easy-on EO-10 swivel stand adaptors with 5/8"-27 thread; beyond 90° tilt from vertical.
<b>WEIGHTS:</b>	857L and 857L-S models 8 oz. less cable; 1 lb. 5 oz. with cable. 857H and 857H-S models 8 oz. less cable; 14 oz. with cable.

POLAR PATTERN



TYPICAL RESPONSE—FREQUENCY CHARACTERISTICS



# Sound, and Recording Microphones



## Model 860s Omnidirectional Dynamic Probe

Incorporate Astatic's integral ball head filter that eliminates pop and blast from explosive breath noises and wind. Perfectly concentric polar pattern assures uniform pick-up from all directions. Ideal for sports events, close talking, on-the-scene broadcasting, and outdoor entertainment. Wide frequency response is particularly suitable for musical groups requiring the ultimate in uniform clarity and sensitivity.

Finished in brushed chrome with exclusive black satin chrome trim. Wired for high impedance, can be quickly converted to low impedance with a simple solderless connection. Chrome-plated steel ball head with acoustic filters, foam filter and a magnetic screen protect the DuPont Mylar<sup>®</sup> diaphragm from dust and magnetic particles.

Has an integral on-off DPDT switch in swivel assembly. Swivel allows easy positioning from vertical to more than 90°. An eighteen-foot two-conductor, shielded, hum-free cable is included. The broadcast-type connector is interchangeable with Cannon XLR-4.

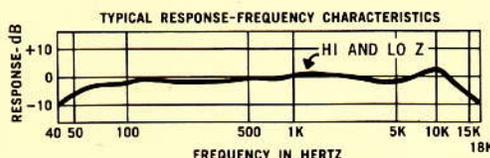


## Model 860 Omnidirectional Dynamic Probe

Same microphone as Model 860S except with the exclusive Easy-On swivel adaptor in place of the on-off switch assembly and has permanently attached cable. Can be quickly and quietly changed from stand mount to hand held.

### 860 SERIES SPECIFICATIONS

<b>FREQUENCY RESPONSE:</b>	40-18,000 Hz.
<b>OUTPUT:</b>	Hi-Z —61 dB. Re: 1 volt/microbar. Lo-Z, —60 dB. Re: 1 mw/10 microbars.
<b>IMPEDANCE:</b>	Multi-Impedance: EIA Ratings, Hi-Z: 40,000 ohms. Lo-Z: 150 ohms.
<b>DIMENSIONS:</b>	1 1/8" Diameter, 10" Long.
<b>CONNECTOR:</b>	Professional broadcast type on 860S is interchangeable with Cannon XLR-4.
<b>CABLE:</b>	18 feet of heavy duty ultra-flexible 3 wire cable.
<b>SWITCH:</b>	Built-in on-off switch (860S only).
<b>WEIGHT:</b>	Model 860: 1 lb. 2 oz. with cable. Model 860S: 1 lb. 12 3/4 oz. with cable.



# Astatic Plug-In Communications Microphones



## Model D-104 Crystal

The original "super talk power" microphone. This famous model has been the number one favorite of short wave operators for more than four decades and remains just as popular today. Its high output and controlled frequency response make it ideal for hams and CBers, for all communications applications where maximum intelligibility throughout the voice range is important. Shock proof cartridge with high impedance metal sealed crystal element for protection against moisture and dryness.

Supplied with F-11 adaptor for use with standard floor and desk stands or adaptor detaches instantly for plugging into Astatic "G" or "UG8" stands.

Solid machined brass parts and heavy mesh grille, all chrome plated to a brilliant mirror finish.

### SPECIFICATIONS

<b>FREQUENCY RESPONSE:</b>	30-7500 Hz with rising characteristics between 500-4000 Hz.
<b>OUTPUT:</b>	-46dB. Re: 1 volt/microbar.
<b>IMPEDANCE:</b>	High; recommended load over 1 megohm.
<b>DIMENSIONS:</b>	3" diameter x 1 1/8" d.
<b>CABLE:</b>	Five feet of 2 wire cable.
<b>ACCESSORIES:</b>	F-11 adaptor.
<b>WEIGHT:</b>	14 ounces.

## Model D-104-C Ceramic

The same microphone as the Model D-104 except for ceramic element. Output is -49dB. Re: 1 volt/microbar.

## Model GD-104 Crystal

The Model D-104 microphone complete with "G" grip-to-talk desk stand with clamp for lock-on operation has S.P.D.T. switching and 5 1/2 feet of two-conductor shielded cable (For relay systems). Weight is 2 lbs. 6 1/2 ounces.

## Model GD-104-C Ceramic

The same microphone-stand combination as the Model GD-104 except the microphone is Model D-104-C.

## Model UG8-D104 Crystal

The Model D-104 microphone complete with "UG8" heavy duty grip-to-talk desk stand with clamp for lock-on operation has D.P.D.T. switching and six feet of four-conductor (one pair shielded) cable (For electronic or relay systems). Weight is 2 lbs. 6 1/2 ounces.

## Model T-UG8-D104 Crystal

The Model D-104 microphone complete with T-UG8 amplified Grip-to-talk Stand for transistorized CB and ham outfits. Volume control under base adjusts with screwdriver to prevent over-modulation from accidental change or absent-minded fiddling or tampering. Noise-free, click-free switching with silver contacts which do not require cleaning. Has rugged silicon type transistors in a printed circuit. Internal slide switch for choice of relay or electronic type control. Powered by internal, 9-volt, readily available battery.

## Model T-UG9-D104 Crystal

Same as T-UG8-D104 except microphone is mounted on an amplified T-UG9 desk stand. Has T.P.D.T. switch and six wire cable for universal hook-up application, and provides open audio line during receive.

### SPECIFICATIONS

<b>RESPONSE:</b>	Tailored 100-6500 Hz.
<b>GAIN:</b>	26dB; Adjustable.
<b>OUTPUT:</b>	-20dB, re 1 volt/microbar.

# *Astatic Universal Base Station Microphone*

## *Silver Eagle*

*Model T-UP9-D104 Transistorized*

### **Grip-to-Talk, Push-to-Talk Communication Microphone and Desk Stand**

The famous Astatic D104 microphone mounted on the new Astatic T-UP9 desk stand provides all the features of our popular T-UG9 grip-to-talk transistorized desk stand, plus a new "press-to-talk" bar in the base for your convenience. You may use either the new "press-to-talk" horizontal bar or the traditional grip-to-talk vertical bar to activate the microphone.

The Silver Eagle has a bright chrome handle and base, with an etched eagle on the microphone backplate.

The Silver Eagle (T-UP9-D104) stand has a built-in two-stage silicon transistor amplifier with an output impedance suitable for the inputs of most all commercial transmitters or transceivers. The high gain available insures desired modulation capability. The gain can be readily adjusted for the desired modulation. The control is recessed to avoid accidental changes. The result is an ideal base station microphone for CB, Amateur or other communication transceiver or transmitter. The tailored response and high gain insures excellent talk-power and intelligibility — and full modulation. Universal hook-up with open audio circuit during receive.

#### **SPECIFICATIONS**

- FREQUENCY RESPONSE:** T-UP9 essentially flat  
200 Hz-20k Hz.  
T-UP9-D104 tailored;  
See Fig. 4.
- OUTPUT LEVEL:** T-UP9-D104 at 1000 Hz:  
1 meg. Load = -20dB re  
1 volt/microbar.  
5000 Load = 26dB re  
1 volt/microbar.
- OUTPUT IMPEDANCE:** 5000 ohms or less.
- DIMENSIONS:** 5½" dia. base, 12" high.
- CABLE:** Coiled cord, 6 wire
- WEIGHT:** 2 lbs., 10½ oz.



# Astatic Plug-In Communications Microphones

## Model 10DA Dynamic



Semi-directional dynamic microphone for top amateur performance. Specially designed for the new filter type S.S.B. equipment. Named "The Voice," it is also excellent for paging and industrial applications. Controlled response provides high attenuation of unwanted side band and better copy through heavy interference.

### SPECIFICATIONS

**FREQUENCY RESPONSE:** 300-3000 Hz.  
**OUTPUT:** -52 dB. Re: 1 volt/microbar.  
**IMPEDANCE:** Hi Z; EIA 40,000 ohms.  
**DIMENSIONS:** 2 $\frac{3}{16}$ " w. x 2 $\frac{1}{8}$ " h. x 3 $\frac{1}{16}$ " d.  
**CABLE:** Five feet of 2 wire cable.  
**ACCESSORIES:** F-11 adaptor.  
**WEIGHT:** 1 lb., 1 ounce.

## Model DN-50 Dynamic



Low impedance dynamic microphone, ruggedly constructed, streamlined, and medium priced. Tilting head, swivel mount for semi or omnidirectional applications. Popularly named "The Commentator," it is widely used for public address, communications, and paging. Rugged Mylar diaphragm, unaffected by temperature or humidity extremes. Finished in gray Hammerlin with polished chrome plated grille.

### SPECIFICATIONS

**FREQUENCY RESPONSE:** 50-10,000 Hz.  
**OUTPUT:** -51 dB. Re: 1 mw / 10 microbars.  
**IMPEDANCE:** EIA 38 ohms.  
**DIMENSIONS:** 2 $\frac{5}{8}$ " w. x 6 $\frac{7}{8}$ " h. x 4 $\frac{5}{8}$ " d.  
**CABLE:** Ten feet of 3 wire cable.  
**WEIGHT:** 1 lb. 9 ounces.

## Model T-3 Crystal



"The Pioneer," a bright chrome streamlined microphone popular for high quality public address, recording, and communications use. Swivel hinge tilts head for semi or omnidirectional use and feedback control. Adapts to standard desk and floor stands. Shock proof cartridge with high impedance crystal element.

## Model 10C Ceramic

The same microphone as the Model 10DA except for ceramic element. Output is -54 dB. (Re: 1 volt/microbar). Impedance is High; recommended load over 1 megohm. Weight, 13 $\frac{3}{4}$  ounces.

## Model G10-C Ceramic

The Model 10C ceramic microphone complete with "G" grip-to-talk desk stand.

## Model G-10DA Dynamic

The Model 10DA dynamic microphone complete with "G" grip-to-talk desk stand.

## Model UG8-10DA Dynamic

The Model 10DA microphone complete with "UG8" heavy duty grip-to-talk desk stand with D.P.D.T. switch (For electronic as well as relay switching).

## Model GDN-50 Dynamic

The Model DN-50 microphone complete with "G" grip-to-talk desk stand with S.P.D.T. switch and six feet of 3 wire cable. Weight is 2 lbs. 13 $\frac{3}{4}$  ounces.

## Model UG8DN-50 Dynamic

The Model DN-50 microphone complete with heavy duty "UG8" grip-to-talk desk stand with D.P.D.T. switch and six feet of 5 wire cable for electronic or relay systems. Weight is 2 lbs. 13 $\frac{3}{4}$  ounces.

## Model DN-HZ Dynamic

High impedance version of the Model DN-50. Impedance is EIA 40,000 ohms; output -52dB, re: 1 volt/microbar. Has ten feet of 2 wire cable. Weight is 1 lb. 7 $\frac{1}{2}$  ounces.

## Model GDN-HZ Dynamic

The DN-HZ microphone complete with "G" grip-to-talk desk stand with S.P.D.T. switch and six feet of 3 wire cable. Weight is 2 lbs. 14 $\frac{1}{2}$  ounces.

## Model GT-3 Crystal

The Model T-3 microphone complete with "G" grip-to-talk desk stand and six feet of two-conductor shielded cable.

### MODEL T-3 SPECIFICATIONS

**FREQUENCY RESPONSE:** 30-10,000 Hz.  
**OUTPUT:** -54 dB. Re: 1 volt / microbar.  
**IMPEDANCE:** High; recommended load over 1 megohm.  
**DIMENSIONS:** 2 $\frac{3}{16}$ " w. x 6" h. x 3" d.  
**CABLE:** Ten feet of 3 wire cable.  
**WEIGHT:** 1 lb. 2 ounces.

# Astatic Public Address, Studio, Commercial Sound, and Recording Microphones

## Model 77 Dynamic Cardioid

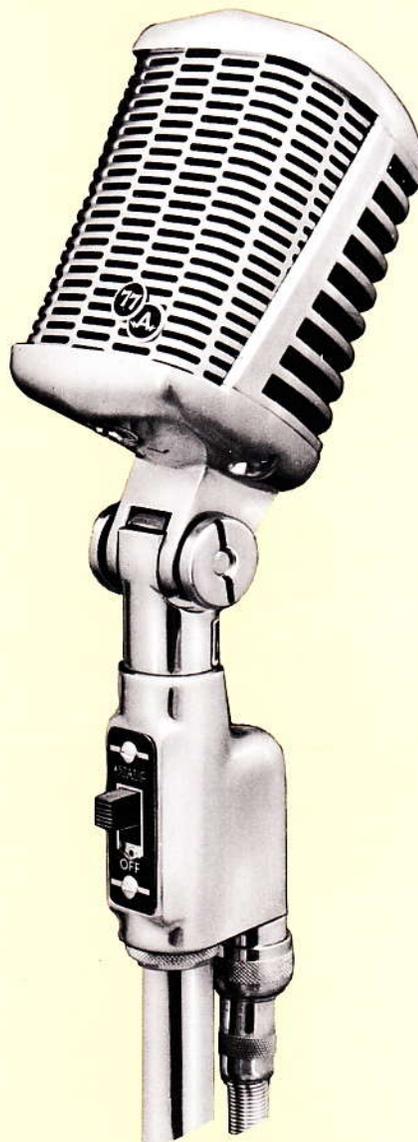
Popular, top performer with high fidelity response and high output level combined with an outstanding uni-directional pattern. Exclusive Astatic sintered bronze method of acoustic phasing provides in excess of 18 db front to back pickup differential, reducing unwanted sounds and feedback to a practical minimum.

Built rugged to resist abusive service and extremes of temperature and weather. Its DuPont Mylar® diaphragm is insensitive to moisture, resistant to solvents, and unaffected by many acids and alkalis. The dynamic cartridge is suspended in rubber-like material to minimize extraneous mechanical vibrations. Swivel head permits tilting back 90° from vertical. On-off switch has locking device. Has standard thread for mounting on any desk or floor stand.

Excellent for rugged public address and industrial sound installations, and also can be used for broadcasting, recording, and other general applications. Has satin chrome finish, cast housing with black grille liner.

### SPECIFICATIONS

<b>FREQUENCY RESPONSE:</b>	30-15,000 Hz.
<b>OUTPUT:</b>	-48 dB at Hi Z; -53 dB at 150/250 ohms, -52 dB at 30/50 ohms. Re: 1 mw/10 microbars, Lo Z; 1 volt/microbar, Hi Z.
<b>FRONT-TO-BACK RATIO:</b>	18 dB.
<b>IMPEDANCE:</b>	Selected by 3-position switch. High, EIA 40,000 ohms; Medium 150/250 ohms; Low 30/50 ohms.
<b>DIMENSIONS:</b>	2 1/8" w. x 8" h. x 2 1/16" d.
<b>CONNECTOR:</b>	Built-in 3-prong Amphenol 91-MC3M.
<b>CABLE:</b>	20 feet of heavy duty 3 wire cable.
<b>SWITCH:</b>	On-off switch with locking device built into base.
<b>WEIGHT:</b>	2 lbs. 6 ounces with cable.



## Model 77 GOLD Dynamic Cardioid

The same microphone as the Model 77 except for rich brushed gold plating. Harmonizes beautifully with sacramental or entertainment decor.

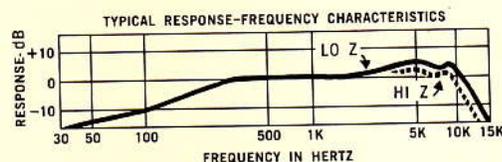
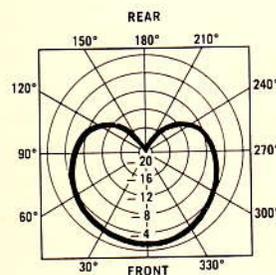
## Model 77L Dynamic Cardioid

The same microphone as the Model 77 except special mount for Astatic G or UG8 (Grip-to-Talk) desk stands replaces universal mount with locking on-off switch. Weight is 1 lb. 4 ounces; height, 6".

## Model G77 Dynamic Cardioid

The same microphone as the Model 77L except complete with Astatic G (Grip-to-Talk) desk stand and 8 feet of 3 wire cable.

POLAR PATTERN



# Astatic Mobile Microphones

## Model 331 Ceramic



Popularly referred to as "The Citizen," a slim, trim, voice range ceramic microphone specifically engineered for communications, paging, ham, and citizens band use. Modern, compact, tapered styling. Has built-in momentary-on spring-return switch. Die cast black housing and grille with chrome cap.

### SPECIFICATIONS

**FREQUENCY RESPONSE:** 300-5000 Hz.  
**OUTPUT:** - 58 dB. Re: 1 volt/microbar.  
**IMPEDANCE:** High; recommended load over 1 megohm.  
**DIMENSIONS:** 1 1/4" x 1 1/4" x 4 1/4".  
**CABLE:** 4 wire coiled cable, 5' extended, for audio and relay connections.  
**ACCESSORIES:** Mounting bracket.  
**WEIGHT:** 12 ounces.

## Model 511 Ceramic

## Model 513H Dynamic



**HIGH IMPEDANCE MICROPHONES** with controlled response to provide more talk power for Amateur and Citizen Band applications. Also, an excellent choice for PA and Paging.

Press-to-talk DPST leaf switch in center of non-slip grip can be operated by either thumb. Microphones snap out of unique hanging bracket which can be installed vertically or horizontally on panel or equipment.

### 511 SPECIFICATIONS

**FREQUENCY RESPONSE:** 200-3000 Hz with 6 dB rise at 1600 Hz.  
**OUTPUT:** -50 dB Re: 1 volt/microbar at HiZ.  
**IMPEDANCE:** High; recommended load over 1 megohm.

### 513H SPECIFICATIONS

**FREQUENCY RESPONSE:** 300-8000 Hz.  
**OUTPUT:** -50 dB Re: 1 volt/microbar at HiZ.  
**IMPEDANCE:** High; EIA 40,000 ohms.

### 511 AND 513H SPECIFICATIONS

**CABLE:** Heavy duty, 4 wire vinyl jacketed coiled cord; 11" retracted, 5 1/2' extended. Strain relief bushing protects cable at microphone.  
**SWITCH:** D.P.S.T. Press-to-talk switch.  
**WEIGHTS:** Model 511: 7 ounces.  
 Model 513H: 12 ounces.

## Model 531 Ceramic



A top performer at low cost. Offers "super talk power" for amateur, citizens band, mobile, or base station communications applications.

Response characteristics are carefully calculated to give maximum clarity and intelligibility. Also restricts band width of radiated signal decreasing interference on adjacent channels. Designed to reduce background noise and

feedback.

Attractive, dependable, and rugged with high impact molded plastic housing. Press-to-talk DPDT spring return switch easily operated with microphone in either hand. Can be mounted on vertical or horizontal surface.

### SPECIFICATIONS

**FREQUENCY RESPONSE:** 150-3500 Hz with 6 dB. rise at 2000 Hz.  
**OUTPUT:** - 50 dB. Re: 1 volt/microbar.  
**IMPEDANCE:** High; recommended load over 1 megohm.  
**DIMENSIONS:** 2 3/8" w. x 3 3/8" h. x 1 5/16" d.  
**CABLE:** 4 wire vinyl jacketed coiled cord, 5' extended.  
**SWITCH:** D.P.D.T. Press-to-talk switch, mounting bracket.  
**WEIGHT:** 7 1/4 ounces.

## Model 539 Noise Cancelling Ceramic



A high output ceramic microphone for use in noisy locations. Top rated for citizens band, ham, single side band, and aircraft use.

Features 360° differential cancellation of background noise for sharp clear speech. Accepts close-up sound; rejects surrounding and background noise. Built-in lip bar maintains constant close mouth-to-mike spacing for consistent high output modulation. High-imp

act plastic housing with DPDT push-to-talk switch wired for relay or electronic switching.

### SPECIFICATIONS

**FREQUENCY RESPONSE:** 100-3500 Hz.  
**OUTPUT:** - 50 dB. Re: 1 volt/microbar.  
**IMPEDANCE:** High; recommended load over 1 megohm.  
**DIMENSIONS:** 2 3/8" w. x 3 3/8" h. x 1 5/16" d.  
**CABLE:** 4 wire coiled cable, 5' extended.  
**WEIGHT:** 8 ounces.

## Model 10M5A Carbon



Popular rugged single button carbon microphone, totally unaffected by unfavorable climatic conditions. Named "The Communicator," it is recommended for portable or mobile communications service, such as police, fire department, taxis, military, ship-to-shore and comparable applications. Lightweight cast housing fits hand naturally. Heavy duty switch conveniently located for thumb operation. Has built-in R.F. filter.

### SPECIFICATIONS

**FREQUENCY RESPONSE:** 100-4500 Hz.  
**OUTPUT:** 1 volt for 100 microbars across 100 ohm load.  
**IMPEDANCE:** Low, 50-100 ohms.  
**DIMENSIONS:** 2 3/4" w. x 3 7/8" h. x 1 3/4" d.  
**CABLE:** 4 wire Neoprene covered coiled cord, 5 feet extended.  
**ACCESSORIES:** Thumb operated D.P.S.T. on-off switch, anti-rattle mounting bracket.  
**WEIGHT:** 14 ounces.

# Astatic Amplified Mobile Microphones

## NEW Model D104-M "Minuteman I"

The famous D104 velvet response now available in a hand-held design for mobile application.

All models feature a field effect transistor amplifier, smooth press-to-talk switch, high impact plastic housing, coil cord cable with strain relief and rugged hang up button. A removable gain control adjustment knob prevents accidental changes in setting. Model D104-M has 4 wire cable and is wired for "electronic", easily converted for "relay". Model D104-M6 has 6 wire cable for universal applications, with open audio circuit during receive.



## NEW Model D104-M6 "Minuteman II"

### SPECIFICATIONS

**FREQUENCY RESPONSE:** Tailored 100-6500 Hz.  
**OUTPUT:** -44 db, re: 1 volt/microbar.  
**SWITCH:** D104-M: D P D T  
 D104-M6: 3 P D T  
**COIL CORD:** D104-M 4 wire, extends 5 ft.  
 D104-M6 6 wire, extends 7½ ft.

## Model 555 Trucker Model 557 Trucker II

NEW

### Amplified Noise Cancelling



A high output transistorized ceramic microphone featuring 360° differential cancellation of background noises for sharp clear speech transmissions. Has lip bar to maintain the uniform close spacing required for consistent high output modulation. Ideal for CB, Ham, or SSB, in trucks, buses, taxis and family cars. Complete with field effect transistor amplifier, smooth press-to-talk switch, high impact plastic housing and extra long

coil cord with strain relief and metal hang-up button. A removable gain control adjustment knob prevents accidental changes in setting.

### SPECIFICATIONS

**OUTPUT LEVELS\*:** -40dB at 1000 Hz re 1 volt/microbar into 1 megohm load.  
 -46dB at 1000 Hz re 1 volt/microbar into 5000 ohm load.  
 \*At max. gain setting and close talking.

**OUTPUT ADJUSTMENT:** Approx. 40dB range adjustable through hole in rear housing with control knob supplied or small screwdriver.

**OUTPUT IMPEDANCE:** Below 5000 ohms.

**RECOMMENDED LOAD:** 100 ohms and up; performs well over entire impedance range up to open circuit.

**FREQUENCY RESPONSE:** Tailored for voice range transmission for maximum intelligibility and clarity. (Refer to curves.)

**SWITCH:** Model 555 D P D T  
 Model 557 4 P D T  
 Operated by press-to-talk lever. Spring return disconnects battery in "OFF" position. Operates control circuit and amplifier in "ON" position. Long life trouble free switch has smooth feel when operated by either hand.

**CONTROL CIRCUIT:** Model 555 factory wired for "Electronic" type operation easily converted to relay.  
 Model 557 universal hook-up microphone cable, also has open audio line during receive.

**CABLE:** Model 555: 4 wire coil cord.  
 Model 557: 6 wire coil cord.  
 Both extend to 7½ feet. Durable strain relief bushing protects against cable breakage at microphone.

**BATTERY:** Uses 7 volt mercury battery (Mallory TR-175 or equal).

**SIZE:** 3⅜" high x 2⅜" wide x 1⅝" deep.

**WEIGHT:** 7 ounces (with 7½' cable).

## Model TMD-107 (Relay) Model TMD-107-E (Electronic) Ceramic Transistorized



A semi-directional, transistorized, mobile (or base station) microphone. The TMD-107 is factory wired for "relay" type operation; the TMD-107-E is wired for "electronic" type (switch can be readily rewired from one type to the other).

Both feature a field effect transistor amplifier, smooth press-to-talk switch, high impact plastic housing with chrome front, coil cord with strain relief bushing, and rugged

metal hang-up button. A removable gain control adjustment knob prevents accidental changes in setting.

While specifically designed for mobile work, they are ideal for many other applications. A typical installation is with the Astatic D-104 in the base station, and the TMD-107 or TMD-107-E in the vehicles.

### SPECIFICATIONS

**OUTPUT LEVEL (Max.):** -44 dB Re: 1 volt/microbar to 5,000 ohm Load.

**OUTPUT ADJUSTMENT:** Approx. 40 dB range adjustable through hole in rear housing with control knob supplied or small screwdriver.

**OUTPUT IMPEDANCE:** Below 5,000 ohms.

**RECOMMENDED LOAD:** 100 ohms and up; performs well over entire impedance range up to open circuit.

**FREQUENCY RESPONSE:** Tailored for voice range transmission for maximum intelligibility and clarity (over 200-3,000 Hz).

**SWITCH:** Press-to-talk. DPDT switch with spring return disconnects battery in "OFF" position. Operates control circuit and amplifier in "ON" position.

**CONTROL CIRCUIT:** The TMD-107 is factory wired for "RELAY" type operation; the TMD-107-E is wired for "ELECTRONIC" operation. Switch may be readily rewired for conversion from one type to the other.

**CABLE:** 4 wire coiled cord that extends to 5 feet. Strain relief bushing.

**BATTERY:** 7-volt mercury battery furnished.

**SIZE:** 3⅜" high x 2⅜" wide x 1⅝" deep.

**WEIGHT:** 9¼ ounces.



**Model 525 DL6  
"The Raven"**

# Dynamic CB Mobile Microphone

A dynamic mobile communications microphone for CB, Amateur and SSB applications. The rugged, dependable, dynamic element (the same type element used in professional two-way radio microphones) offers the optimum frequency response, tailored for maximum intelligibility and clarity. The 6 wire cable allows convenient hook-up for virtually all transceivers. An open audio line during receive is for use with today's modern CB transceivers.

## Model 400 "Buckeye"

### Model 400 B "Buckeye" (Blister Packed)



Now from Astatic a low cost dynamic microphone for mobile application. Low cost, but with the built-in quality, the same as other fine Astatic microphones.

The "BUCKEYE" model 400 has a newly styled housing in WHITE rugged plastic to withstand the hard use normally found in mobile applications, and for that "old shoe" feel. 6 wire cable for universal hook-up with open audio circuit during receive.

#### SPECIFICATIONS

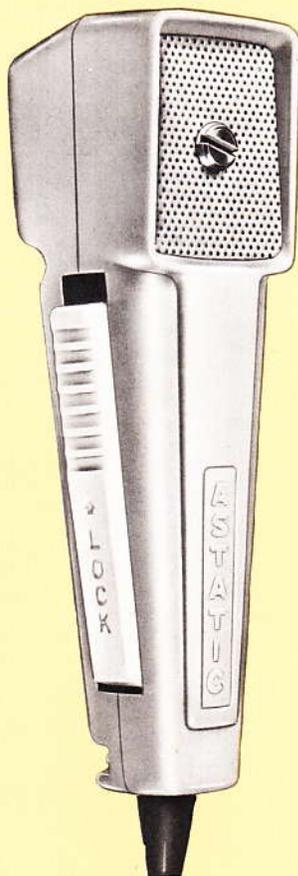
- FREQUENCY RESPONSE:** 100-5000 Hz, tailored voice range for maximum intelligibility and clarity.
- OUTPUT:** -76dB (0dB = 1 volt/microbar).
- IMPEDANCE:** 400 ohms.
- DIMENSIONS:** 2 3/8" wide x 3 3/8" high x 1 3/4" deep.
- CABLE:** 6 wire coiled cord. Durable strain relief protects against cable breakage at microphone. Can be wired to any 3, 4, 5 or 6 wire system.
- WEIGHT:** 7 ounces.

#### SPECIFICATIONS

- FREQUENCY RESPONSE:** 100-5000 Hz, tailored voice range for maximum intelligibility and clarity.
- OUTPUT:** -76dB at 1k Hz (0dB = 1 volt/microbar).
- IMPEDANCE:** 400 ohms.
- DIMENSIONS:** 3 1/2" high x 2 3/8" wide x 2 3/8" deep.
- CABLE:** 6-wire coiled cord that extends to 5 feet. Can be wired to any 3, 4, 5 or 6 wire system.
- WEIGHT:** 6 ounces.

# Astatic Industrial Microphone

## Model 551 Dynamic Dual-Impedance



The industry's only microphone fully engineered for industrial use. No matter how tough the conditions . . . noise, dirt, heat, cold, moisture, physical abuse . . . the 551 is prepared to take it through years of dependable service.

The semi-directional pickup pattern accomplishes low background noise pickup where loud noise would otherwise be a serious problem. Controlled frequency response emphasizes the voice range for exceptional clarity and crispness that will also cut through noise at the listener's end. Impedance can be changed by moving one wire on terminal strip inside microphone (Shipped wired for low impedance).

Internal parts of the 551 are sealed against moisture and corrosive vapors. Housing is high impact plastic with external stainless steel parts. One screw removes grille for easy cleaning. Even the bar actuator switch, which offers dependable fingertip action, is carefully sealed. The rugged telephone-type switch is supplied with gold-platinum alloy contacts and is DPDT for complete wiring versatility.

#### SPECIFICATIONS

- FREQUENCY RESPONSE:** 300 to 6000 Hz; 4dB rise at 3000 Hz for clarity and crispness.
- OUTPUT:** -50dB at Lo Z, -46dB at Hi Z. Re: 1 mw / 10 microbars, Lo Z; 1 volt / microbar, Hi Z.
- IMPEDANCE:** High, EIA 40,000 ohms; Low, EIA 150 ohms.
- DIMENSIONS:** 1 7/8" w. x 6 7/8" h. x 2" d.
- CABLE:** Heavy duty black Neoprene coiled cord, 8 feet extended, 15 inches coiled, has two shielded conductors plus two control conductors.
- SWITCH:** Sealed, lever operated, push-to-talk D.P.D.T. Gold-Platinum contact leaf switch.
- WEIGHT:** 23 ounces with cable

# Astatic Multi-Purpose Microphones



Model 335H

Model 332

Model 337L-GS

Without Switch  
Model 335H-GS  
Model 335L-GS  
Model 333GS  
Model 332GS

**MODEL A-7 DESK STAND** —  
Specially designed for all  
Three-Thirty Series Micro-  
phones (See Accessories  
page in back).

## Model 335H Dynamic

A high impedance, slim, trim, modern microphone offering quality performance and versatility at a modest cost. Compact styling puts big microphone performance in the palm of your hand. Has built-in on-off switch with lock-on provision and may be stand mounted, hand held, or worn in lavalier style. Die cast housing finished in TV gray with chrome cap and grille.

Excellent for many recording, public address, communications, industrial, and general applications.

Supplied with lavalier and stand adaptor with eight feet of extra flexible, highly shielded single conductor cable.

### 335H SPECIFICATIONS

**FREQUENCY RESPONSE:** Uniform 60-12,000 Hz.  
**OUTPUT:** -56dB. Re: 1 volt/microbar.  
**IMPEDANCE:** High, EIA 40,000 ohms.  
**DIMENSIONS:** 1 $\frac{3}{8}$ " x 1 $\frac{1}{8}$ " x 4 $\frac{3}{8}$ ".  
**CABLE:** Eight feet 2 wire cable.  
**ACCESSORIES:** Lavalier and stand adaptor.  
**WEIGHT:** 12 ounces.

## Model 335L Dynamic

Low impedance version of the Model 335H. Impedance is EIA 38 ohms. Output is -57dB, re: 1mw/10 microbars. Has eight feet of 3 wire cable for balanced input.

## Model 333 Ceramic

A black body and grille with chrome cap distinguishes this high impedance ceramic microphone. Frequency response is uniform 30-10,000 Hz. Output is -58dB, re: 1 volt/microbar. Impedance is High; recommended load over 1 megohm. Furnished with eight feet of 2 wire cable, lavalier, and stand adaptor. Weight is 9 ounces.

## Model 332 Crystal

A high impedance crystal version of the slim, trim Model 333. Finished in TV gray with chrome cap. Frequency response is uniform 30-15,000 Hz. Output is -54dB, re: 1 volt/microbar. Impedance is High; recommended load over 1 megohm. Eight feet of 2-wire cable, lavalier, and stand adaptor are furnished. Weight is 9 ounces.

## Model 335H-GS Dynamic

The Model 335H microphone complete with 13-inch satin chrome flexible gooseneck mounting for language labs, PA, and other installations.

Also available complete with gooseneck mounting: Model 335L-GS, \$34.00; Model 333GS, \$24.50; Model 332GS, \$24.50.

## Model 337L-GS

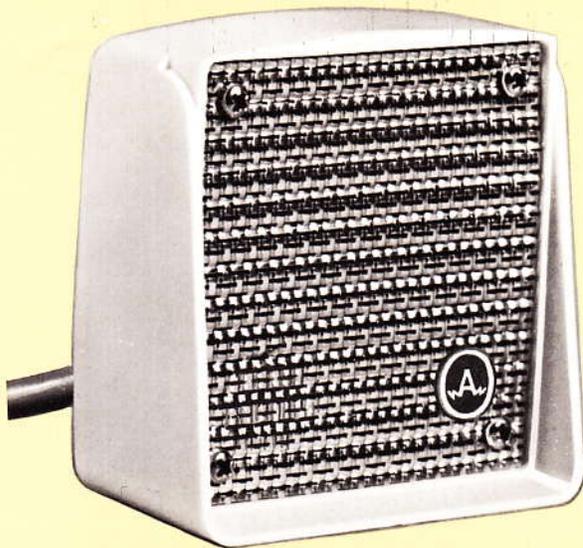
### Dynamic

Excellent low impedance performer priced below comparable competitive models. Complete with momentary "ON", spring return "OFF" switch; 13" polished chrome gooseneck and mounting flange; 5 $\frac{1}{2}$ ' of 6 wire cable with plastic jacket. Ideal for language labs, supermarkets, paging systems in hotels and airports, and order relays in restaurants and drive-ins.

### 337L-GS SPECIFICATIONS

**FREQUENCY RESPONSE:** 100-12,000 Hz.  
**OUTPUT:** -57 dB. Re: 1 mw/10 microbars.  
**IMPEDANCE:** EIA 38 ohms.  
**CABLE:** 5 $\frac{1}{2}$ ' of 6 wire cable, plastic jacket; extends approx. 4' from flange.  
**WEIGHT:** 1 lb. 5 oz. with cable.

# Astatic General Duty Microphones



## Model 150 Crystal

A low cost, high quality, hand held or table top crystal microphone for home recorders, paging, and general applications. Gray plastic housing.

### SPECIFICATIONS

FREQUENCY RESPONSE:	30-10,000 Hz.
OUTPUT:	-44dB. Re: 1 volt / microbar.
IMPEDANCE:	High; recommended load over 1 megohm.
DIMENSIONS:	2 <sup>3</sup> / <sub>16</sub> " x 2 <sup>3</sup> / <sub>16</sub> " x 1 <sup>1</sup> / <sub>4</sub> " d.
CABLE:	Five feet of 2 wire cable.
WEIGHT:	Three ounces.

## Model 151 Ceramic

The same as Model 150 except for ceramic element. Frequency response is 30-8000 Hz. Output, -48dB.



## Model JT-30 Crystal

"The Spokesman," a dependable, high quality crystal microphone for general public address, recording, and communications use. Die cast alloy housing in opalescent gray Hammerlin finish with bright chrome grille. Includes desk stand with circular base detachable for hand held use.

### SPECIFICATIONS

FREQUENCY RESPONSE:	30-10,000 Hz.
OUTPUT:	-49dB. Re: 1 volt / microbar.
IMPEDANCE:	High; recommended load over 1 megohm.
DIMENSIONS:	2 <sup>3</sup> / <sub>16</sub> " dia. x 8" h. (with stand).
CABLE:	Eight feet of 2 wire cable and connector.
ACCESSORIES:	Desk stand.
WEIGHT:	1 lb. 5 ounces.

## Model JT-30C Ceramic

Same as the Model JT-30 except for ceramic element. Output is -54dB, Re: 1 volt/microbar. Five feet of 2 wire cable.

## Model JT-30F Crystal

Same as the Model JT-30 except less desk stand.

## Model JT-30CF Ceramic

Same as Model JT-30C except less desk stand.



## Model 200-S Crystal

"The Velvet Voice," a versatile crystal microphone with wide application in public address, home recording, paging, and amateur communications. Gold housing, bright chrome grille, with "quick-lock" detachable base. Has on-off switch and desk stand with circular base detachable for hand held use.

### SPECIFICATIONS

FREQUENCY RESPONSE:	Ultra smooth 30-10,000 Hz. For rising response, 1500-5500 Hz. See Model 241S.
OUTPUT:	-50dB. Re: 1 volt / microbar.
IMPEDANCE:	High, recommended load over 1 megohm.
DIMENSIONS:	2 <sup>1</sup> / <sub>2</sub> " dia. x 8" h. (with stand).
CABLE:	Eight feet of 2 wire cable.
ACCESSORIES:	Desk stand.
WEIGHT:	1 lb. 8 ounces.

## Model 241-S Crystal

Same as Model 200-S except for rising response characteristics from 1500-5500 Hz.

# Astatic Microphone Cartridges and Accessories

## Replacement Microphone Cartridges



MC-151  
MC-127



MC-451



MC-563



MC-320  
MC-321



MC-564-1



MC-558  
MC-559-2



MC-560

- MC-151** Replacement for Astatic Models T-3, JT-30, JT-30F, JT-40, 200, 241, CX and CX-1.
- MC-127** Replacement for Astatic Models T-3C, JT-30C, JT-30CF, JT-40C, CC, CC-1, VC and VC-1.
- MC-451** Replacement for Astatic Models 10M5 and 11M5.
- MC-563** Replacement for Astatic Models DN-50, DN-HZ, DN-500, DN-MZ and 10-DA.
- MC-320** Replacement for Astatic Model D-104 (Crystal).

- MC-321** Replacement for Astatic Model D-104C (Ceramic).
- MC-558\*** Replacement for Astatic Model 332.
- MC-559-2\*** Replacement for Astatic Model 331.
- MC-560\*** Replacement for Astatic Models 335H and 335L.
- MC-564-1** Replacement of Astatic Models 531, TMD-107, and TMD-107-E.

\*Microphone without screw fastened caps should be returned to factory for repairs.

## Microphone Accessories



SC-11  
SC-12

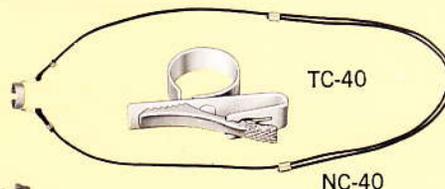


TG and TU

LT-6



ABB



TC-40

NC-40

### TG and TU Conversion Kits

See page 16.

### Switch Connectors

**MODEL SC-11 SWITCH CONNECTOR (less cable):** Bright chrome with standard receptacles to receive the interchangeable connector used on many Astatic microphones. Also have connection for standard concentric cable connector. Used with Astatic microphone Models T-3, DN-HZ, 10-C, 10-DA, and D-104.

**MODEL SC-12 SWITCH CONNECTOR (less cable):** Same as SC-11 except for use with Astatic microphone Model DN-50 and 77L.

### Neck Cord and Tie Clip

**MODEL NC-40 NECK CORD and TC-40 TIE CLIP:** Made especially to convert Astatic 840 Series Microphone from hand held to lavalier use.

### Transformer

**MODEL LT-6 TRANSFORMER:** Matches low impedance microphones to high impedance of amplifier. Permits use of long cable with minimum signal loss. Eliminates high frequency loss and objectionable hum pickup where long length of microphone cable is required. Completely shielded, sturdy construction, finished in opalescent gray. Furnished complete with Amphenol 91-852 and 75-MCIF connectors. Input: 30-50 ohms or 150-250 ohms. Output: High impedance (EIA 40,000 ohms). Response: 20-20,000 Hz  $\pm$  1 db.

### Baby Boom

**MODEL ABB:** Attaches to any adjustable microphone stand. All chrome, including counterweight.

(continued on page 18)

# Astatic Microphone Accessories (Continued)



## Desk Stands

**MODEL G STAND:** Grip-to-talk complete with lock "on" feature. For use with microphone Models T-3, DN-HZ, D-104, 10-C, 10-DA, 77L and 811. Bright chrome and gray. Hammerlin finish. Has S.P.D.T. switching and 5½ feet of 2 conductor shielded cable.

**MODEL UG8 STAND:** Similar to Model G except has D.P.D.T. switching and 6 feet of 4 conductor (1 pair shielded) cable, adaptable to any combination of relay or electronic switching, and balanced or unbalanced lines.

**MODEL T-UG8 STAND:** Grip-to-talk amplified for converting your present Astatic D-104 microphone for use with transistorized CB and ham outfits. Refer to Astatic microphone Model T-UG8-D104, page 8, for details. Other Astatic "Plug-in" microphones are also usable.

**MODEL T-UG9 STAND:** Universal version of the famous T-UG8 amplified desk stand. T-UG9 has 6 conductor wire for use with almost every known CB or Ham transceiver currently available and provides open audio circuit during receive. Refer to Astatic model T-UG8 stand above for details and microphone selector.

**MODELS E-5-G and E-5-B STANDS:** Finished in gray or brown Hammerlin base with chrome trim. Standard 5/8"-27 thread mounting. Overall Ht. 8".

**MODEL E-1 STAND:** Finished in gray Hammerlin base with bright chrome trim. Standard 5/8"-27 thread mount for all standard microphones. Overall Ht. 5½".

**MODEL A-7 STAND:** Modern design, miniature desk stand with adjustable swivel for 330 Series microphones. Rigid, lightweight, high impact, satin black plastic base and holder.

**MODEL A-8 STAND:** Designed especially for the 810, 820, 840, 840S and Futura Series microphones. Finished in glareproof satin black. Has 5/8"-27 thread mounting.

## Socket Connectors

**MODEL F-11 ADAPTOR:** Socket and cable connector with standard 5/8"-27 thread mounting. For use with Astatic microphone Models T-3, 10-C, 10-DA, D-104 and DN-HZ. Bright chrome. Complete with 5 ft. 2 wire cable and spring cable protector.

**MODEL F-12 ADAPTOR:** Same as Model F-11 except for 5 ft. 3 wire cable, for Model DN-50 and 77L microphones.

## Stand Adaptors

**MODEL EO-10 EASY-ON ADAPTOR:** Designed especially for Astatic microphone Models 810 and 810 Gold, for quickly and quietly changing from hand held to stand use. Standard 5/8"-27 thread mounting.

**MODEL EO-20 EASY-ON ADAPTOR:** Similar to Model EO-10 Adaptor except designed for Astatic microphone Models 820 and 820 Gold.

**MODEL EO-40 EASY-ON ADAPTOR:** Similar to Model EO-10 Adaptor except designed for Astatic microphone Models 840, 840 Gold, 840S and 840S Gold.

# Astatic Microphone Accessories (Continued)



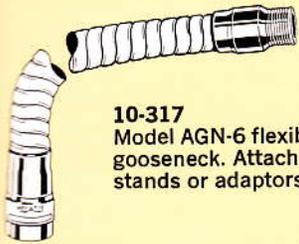
**10-201**  
Microphone adaptor  
— $\frac{5}{8}$ "-27 female to  
 $\frac{1}{2}$ " pipe male  
threads. 2/pkg.



**10-202**  
Microphone adaptor  
— $\frac{1}{8}$ " pipe female to  
 $\frac{5}{8}$ "-27 male thread.  
2/pkg.



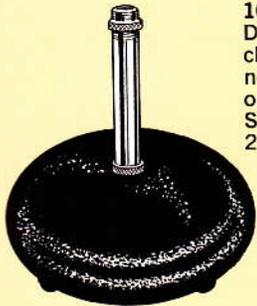
**10-203**  
Microphone adaptor  
— $\frac{1}{8}$ " pipe female to  
 $\frac{5}{8}$ "-27 female  
thread. 2/pkg.



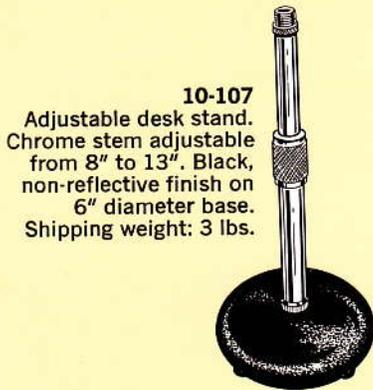
**10-317**  
Model AGN-6 flexible  
gooseneck. Attaches to mike  
stands or adaptors. 6" long.



**10-318**  
Model AGN-13 flexible  
gooseneck. Attaches to mike  
stands or adaptors.  
13" long.



**10-105**  
Desk stand. 4"  
chrome stem; black,  
non-reflective finish  
on 6" diameter base.  
Shipping weight:  
2 lbs.



**10-107**  
Adjustable desk stand.  
Chrome stem adjustable  
from 8" to 13". Black,  
non-reflective finish on  
6" diameter base.  
Shipping weight: 3 lbs.



**10-204**  
Microphone adaptor  
— $\frac{5}{8}$ "-27 male  
running thread—  
 $\frac{3}{4}$  in. (19 mm)  
long. 3/pkg.



**10-205**  
Microphone adaptor  
— $\frac{5}{8}$ "-27 female to  
 $\frac{5}{8}$ "-27 female  
thread. 3/pkg.



**10-206**  
Microphone adaptor  
— $\frac{7}{8}$ "-27 female to  
 $\frac{7}{8}$ "-27 female  
thread.



**10-319**  
Model AGN-19 flexible  
gooseneck. Attaches to  
microphone stands or  
adaptors. 19" long.



**10-315**  
Mounting bracket—  
for wall or panel  
mounting of  
hand-held  
microphone.



**10-207**  
Microphone adaptor  
— $\frac{5}{8}$ "-27 male each  
end, 3 in. (76.2 mm)  
long. 2/pkg.



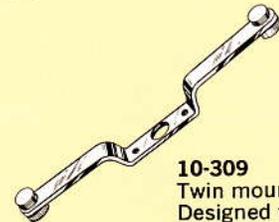
**10-208**  
Microphone  
adaptor — $\frac{5}{8}$ "-27  
male each end, 6 in.  
(152.4 mm) long. 2/pkg.



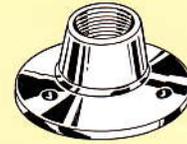
**10-209**  
Microphone adaptor  
— $\frac{7}{8}$ "-27 female to  
— $\frac{5}{8}$ "-27 female  
thread.



**10-308**  
Snap-on adaptor—  
quick disconnect of  
microphone from  
stand.



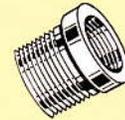
**10-309**  
Twin mount:  
Designed for  
mounting of 2 or 3  
microphones on any  
floor stand. Bright  
chrome finish.



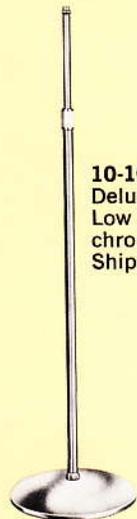
**10-211**  
Microphone adaptor  
—flange mount,  
 $\frac{5}{8}$ "-27 female  
thread. 2/pkg.



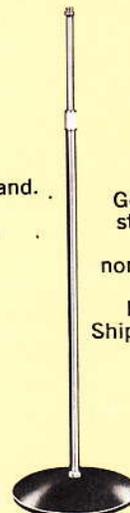
**10-212**  
Microphone adaptor  
—flange mount,  
— $\frac{5}{8}$ "-27 male thread.  
2/pkg.



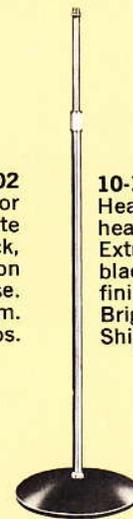
**10-213**  
Microphone adaptor  
— $\frac{7}{8}$ "-27 male to  
 $\frac{5}{8}$ "-27 female  
thread. 2/pkg.



**10-101**  
Deluxe professional floor stand.  
Low silhouette design, all  
chrome. 10" diameter base.  
Shipping weight: 13 lbs.

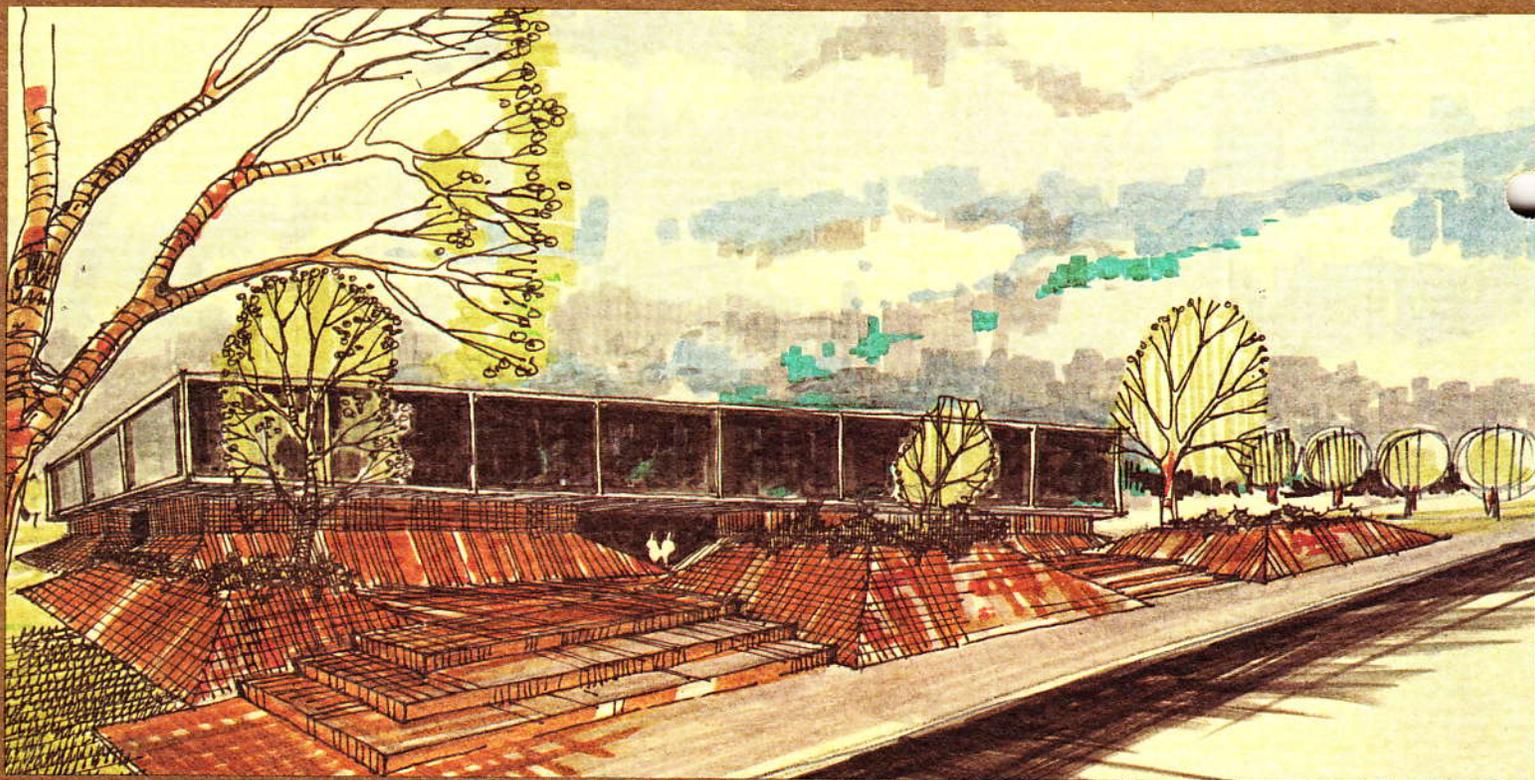


**10-102**  
General purpose floor  
stand. Low silhouette  
design; black,  
non-reflective finish on  
10" diameter base.  
Bright chrome stem.  
Shipping weight: 12 lbs.



**10-103**  
Heavy duty stand for  
heavier microphones.  
Extremely stable;  
black, non-reflective  
finish on 12" diameter base.  
Bright chrome stem.  
Shipping weight: 15 lbs.





Prices and specifications subject to change without notice.

## **THE ASTATIC CORPORATION**

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