

# Engineered Sound®

A contractor-exclusive line of installed-sound microphones.

## Premium Solutions for the Most Demanding Sound Problems

Since their introduction, Engineered Sound® microphones have been the first choice of contractors and system integrators who demand the highest quality and best value in sound reproduction and reinforcement. And over the years, Engineered Sound mics have become an industry standard, providing full turnkey solutions to critical sound installation challenges.

The versatile ES line has a model for every application. Lectern styles include rigid-pipe and flexible gooseneck designs, all with interchangeable capsules. The goosenecks are available in a variety of lengths with optional mute switches and indicators. Dual-element lectern models are perfect for locations needing separate in-house and broadcast feeds from a single microphone. Add a wide assortment of low-profile hanging, boundary, lavalier, and handheld microphones, and the result is a comprehensive solution for consistent sound quality in any installation.

For all these reasons and more, installing Engineered Sound microphones means installing over forty years of quality, reliability, and service—exactly what people expect from Audio-Technica. And exactly why top contractors choose the industry's proven, premium solution: Engineered Sound.

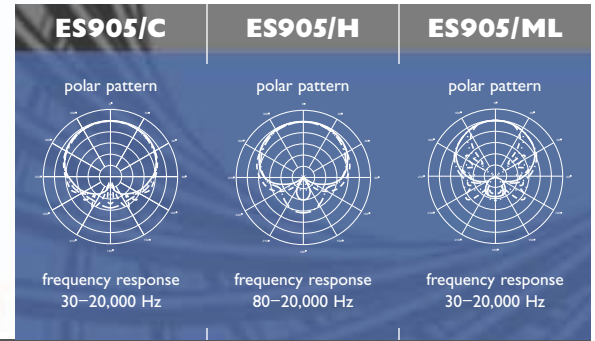
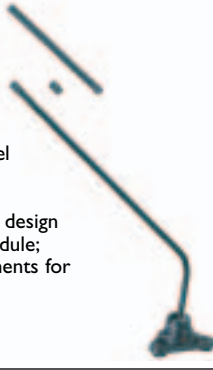


## ES905

### Rigid-pipe Condenser Microphones

Select a cardioid [**/C**], hypercardioid [**/H**] or MicroLine® [**/ML**] model

Designed for quality sound reinforcement, professional recording, television and other demanding sound pickup applications. Rigid-pipe design with ball-in-socket on sturdy metal base. Includes AT8536 power module; requires 11–52V DC phantom power. Available interchangeable elements for angle of acceptance from 90° to 360°. Foam windscreen included. "C" and "H" models are 16.78" long; "ML" is 21.47" long.

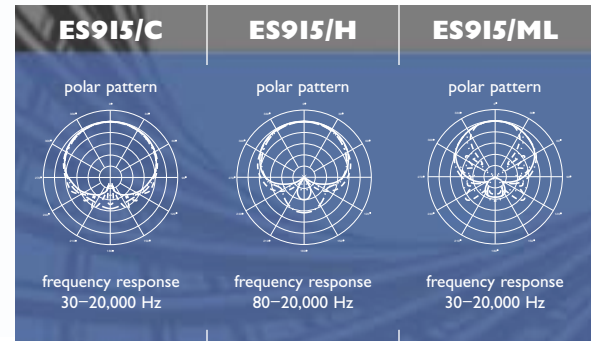


## ES915

### Adjustable-length Gooseneck Condenser Microphones

Select a cardioid [**/C**], hypercardioid [**/H**] or MicroLine® [**/ML**] model

Small-diameter, adjustable-length gooseneck design provides highly flexible positioning while maintaining a well-contoured appearance. Requires 11–52V DC phantom power. Recessed low-frequency roll-off switch. Interchangeable elements available for coverage from 90° to 360°. AT8658 shock mount, AT8651 thread-mount adapter, and foam windscreen included. "C" and "H" models are 13.98" to 16.73" long; "ML" is 18.66" to 21.42" long.

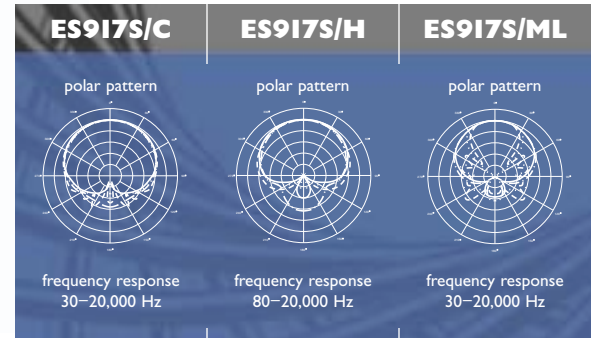


## ES917S

### Gooseneck Condenser Microphones with Mute Switch/LED

Select a cardioid [**/C**], hypercardioid [**/H**] or MicroLine® [**/ML**] model

Small-diameter, alternating gooseneck design provides flexible positioning while maintaining a well-contoured appearance. Requires 11–52V DC phantom power. Recessed low-frequency roll-off switch and mute switch with LED that lights when mic is on. Interchangeable elements available for coverage from 90° to 360°. AT8658 shock mount, AT8651 thread-mount adapter, and foam windscreen included. "C" and "H" models are 17.44" long; "ML" is 22.13" long.

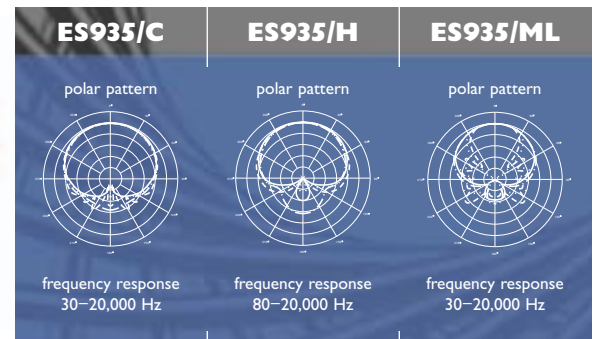


## ES935

### Gooseneck Condenser Microphones

Select a cardioid [**/C**], hypercardioid [**/H**] or MicroLine® [**/ML**] model

Small-diameter, 7.52"-long ("ML" model is 12.20") gooseneck design for flexible positioning with low-profile appearance. Integral power module requires 11–52V DC phantom power. Recessed low-frequency roll-off switch. Interchangeable elements available for coverage from 90° to 360°. AT8658 shock mount, AT8651 thread-mount adapter, and foam windscreen included.

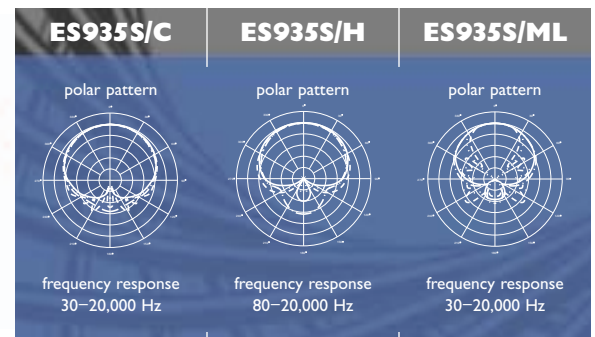


## ES935S

### Gooseneck Condenser Microphones with Mute Switch/LED

Select a cardioid [**/C**], hypercardioid [**/H**] or MicroLine® [**/ML**] model

Small-diameter, 7.52"-long ("ML" model is 12.20") gooseneck design for flexible positioning with low-profile appearance. Integral power module requires 11–52V DC phantom power. Recessed low-frequency roll-off switch and mute switch with LED that lights when mic is on. Interchangeable elements available for coverage from 90° to 360°. AT8658 shock mount, AT8651 thread-mount adapter, and foam windscreen included.

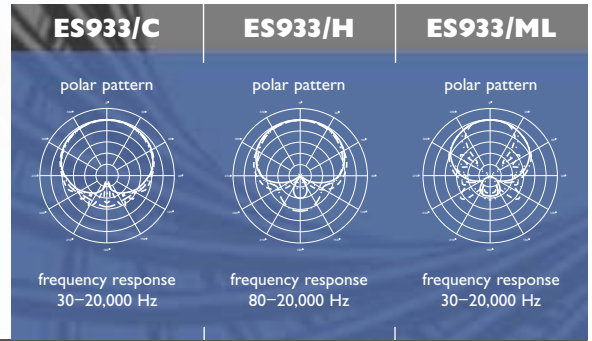


## ES933

### Hanging Condenser Microphones with In-line Power Module

Select a cardioid [**C**], hypercardioid [**H**] or MicroLine® [**ML**] model

Adjustable hanging mic is ideal for suspension over choirs, instrumental groups, or theater stages. Includes AT8536 power module; requires 11–52V DC phantom power. Recessed low-frequency roll-off switch. Interchangeable elements available for coverage from 90° to 360°. Foam windscreens and AT8452 steel hanger included. Black finish. Also available as ES933V with white housing, cable, and hanger.

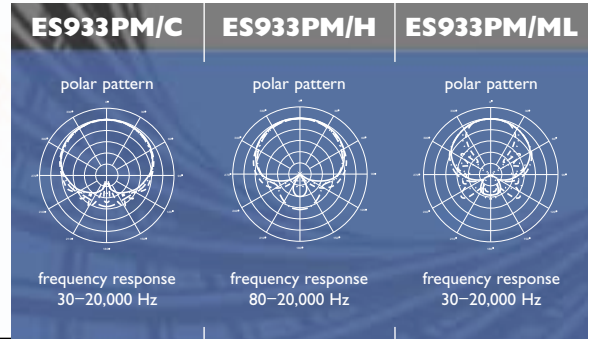


## ES933PM

### Hanging Condenser Microphones with Wall/Ceiling Plate Power Module

Select a cardioid [**C**], hypercardioid [**H**] or MicroLine® [**ML**] model

Adjustable hanging mic is ideal for suspension over choirs, instrumental groups, or theater stages. Includes AT8534(A) wall/ceiling plate power module; requires 9–52V DC phantom power. Interchangeable elements available for coverage from 90° to 360°. Foam windscreens and AT8452 steel hanger included. Black finish. Also available as ES933PMW with white housing, cable, and hanger.

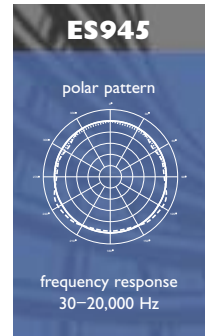


## ES945

### Omnidirectional Condenser Boundary Microphones

Designed for unobtrusive table-, ceiling-, or panel-mount applications where low-profile, high-quality sound reinforcement is needed. Omnidirectional pattern for 360° angle of acceptance. Requires 9–52V DC phantom power. Isolators included for optional mechanical isolation from mounting surface. 1.10" diameter. Black finish. Also available as ES945W in white finish.

ES945W (shown)

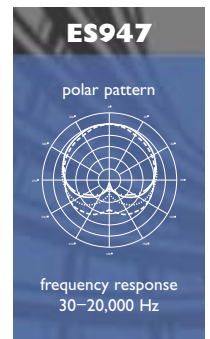


## ES947

### Unidirectional Condenser Boundary Microphones

Designed for unobtrusive table-, ceiling-, or panel-mount applications where low-profile, high-quality sound reinforcement is needed. Unidirectional pattern for enhanced gain before feedback and improved signal-to-noise ratio. Requires 9–52V DC phantom power. Isolators included for optional mechanical isolation from mounting surface. 1.18" diameter. Black finish. Also available as ES947W in white finish.

ES947 (shown)



## ES961

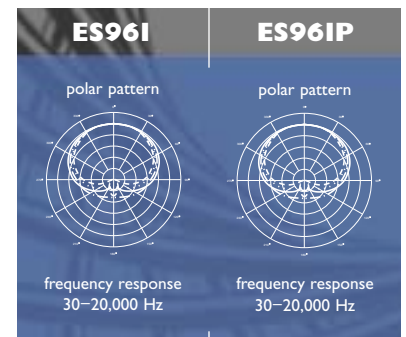
### Unidirectional Condenser Boundary Microphones

Designed for surface-mount applications needing unidirectional sound reinforcement with high signal-to-noise ratio and elimination of phase distortion due to reflections. Recessed low-frequency roll-off switch, heavy-duty construction for minimal pickup of surface vibration. Requires 9–52V DC phantom power. 2.87" x 3.59" in size. Black finish. Also available as ES961W (white finish) and ES961P (1/4" phone plug output).

ES961 (shown)



ES961P (shown)

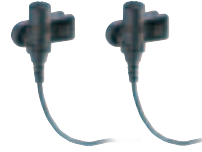


# ES943

## Clip-on/Lavalier Condenser Microphones

Select a cardioid [**/C**] or omnidirectional [**/O**] model

Accurate audio reproduction with high intelligibility for speakers, singers and other performers. Includes AT8536 power module; requires 11–52V DC phantom power. Recessed low-frequency roll-off switch. Interchangeable elements available for coverage from 100° to 360°. Two AT8110 foam windscreens, AT8460 clothing clip, and belt clip are included. 0.33" diameter.



### ES943/C

polar pattern



frequency response  
30–20,000 Hz

### ES943/O

polar pattern



frequency response  
30–20,000 Hz

# ES973

## Hypercardioid Condenser Handheld/Stand Microphone

Designed for use as a handheld, stand, or lectern vocal microphone. Rugged housing contains all electronics; 3-pin XLRM-type output connector. Requires 11–52V DC phantom power. Comes with AT8405 stand clamp and AT8122 foam windscreen. Optional interchangeable elements available for coverage from 100° to 360°.



### ES973

polar pattern



frequency response  
80–15,000 Hz

# ES991

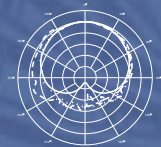
## Dual-element Cardioid Condenser Gooseneck Microphone

Two microphones in one—perfect for applications requiring separate miking for PA and broadcast. The circuit grounds for each channel are completely isolated, greatly reducing the potential for hum. Each element is individually shock mounted. Rigid-pipe design with flexible gooseneck segment. Integral dual power module; requires 11–52V DC phantom power. Switchable 15 dB pad. Interchangeable elements are available for omnidirectional and hypercardioid patterns. Included 6-pin XLR cable splits signals into two 3-pin XLR outputs. 21.57" long.



### ES991

polar pattern



frequency response  
90–15,000 Hz

# ES993

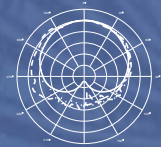
## Dual-element Cardioid Condenser Rigid-pipe Microphone

Two microphones in one—perfect desk- or table-mount mic for applications requiring separate miking for PA and broadcast. The circuit grounds for each channel are completely isolated, greatly reducing the potential for hum. Each element is individually shock mounted. Rigid-pipe design has ball-in-socket base for flexibility. Includes AT8510 remote dual power module with two 3-pin XLR outputs; requires 11–52V DC phantom power. Optically coupled, lighted remote mute switch has three modes (push-to-mute, toggle, and push-to-talk). Switchable 15 dB pad. Interchangeable elements are available for omnidirectional and hypercardioid patterns. 18.50" long.



### ES993

polar pattern



frequency response  
90–15,000 Hz

# ES995

## Dual-element Cardioid Condenser Rigid-pipe Microphone

Two microphones in one—perfect for applications requiring separate miking for PA and broadcast. The circuit grounds for each channel are completely isolated, greatly reducing the potential for hum. Each element is individually shock mounted. Rigid-pipe design has ball-in-socket mounted to heavy, portable tabletop base. Integral dual power module; requires 11–52V DC phantom power. Optically coupled, lighted mute switch has three modes (push-to-mute, toggle, and push-to-talk). Switchable 15 dB pad. Interchangeable elements are available for omnidirectional and hypercardioid patterns. Included 6-pin XLR cable splits signals into two 3-pin XLR outputs. 19.51" long.



### ES995

polar pattern



frequency response  
90–15,000 Hz



POLAR PATTERN LEGEND (SCALE IS 5 DECIBELS PER DIVISION)

200 Hz —•—•—•—•— 1 kHz ———— 5 kHz ••••• 8 kHz - - - - -