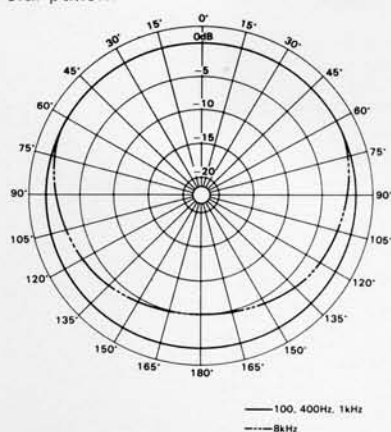


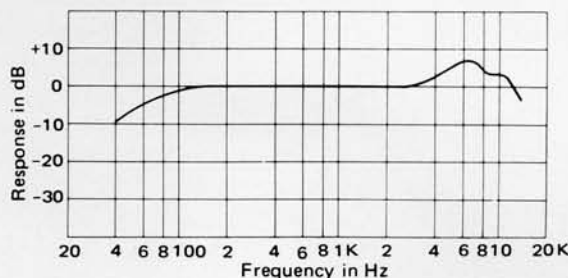
# ECM-16



Polar pattern



Frequency response



## Omni-directional electret condenser mini microphone for unobtrusive use.

The tiny, light weight ECM-16 is the perfect "Lavalier" microphone for interviews or conferences. Clipped to a necktie or lapel, or worn around the neck, it delivers all the sound without distracting or encumbering the user. A FET impedance translator provides remarkably low noise and high sensitivity for a microphone so small, with such fine transient response that the unit has been used inside musical instruments.

### Special features of the ECM-16:

**Compact and light weight.** The microphone may be worn inconspicuously or even slipped inside a musical instrument.

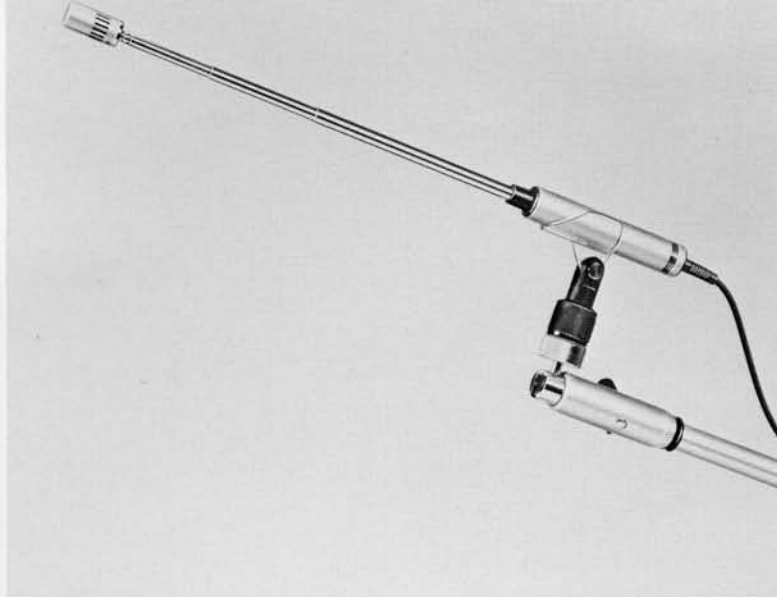
**Omnidirectional.** Design is sensitive to all surrounding sound. Perfect for use where there's more than one source.

**FET impedance translator.** Sophisticated Sony engineering provides big microphone performance in a very small package.

**Clip holder.** Unit attaches easily anywhere.

# Microphone Specifications

<b>Capsule Type</b>	Electret Condenser	<b>Power Supply</b>	<b>Phantom</b>	No
<b>Directivity</b>	omni		<b>Battery</b>	Yes
<b>Frequency Response Hz</b>	50 ~ 13,000		<b>Type Equiv.</b>	Eveready S-76, E-675
<b>Output Impedance</b>	250 ohms	<b>Dimension</b>	<b>max. dia.</b>	3/16"
<b>Open Circuit Output Level</b> OdB = 1V/10 $\mu$ bar @ 1KHz	-58 dB 1.3 mV		<b>length</b>	1 1/8"
<b>Signal to Noise Ratio</b> 1KHz 10 $\mu$ bar	66 dB	<b>Weight</b>	1.09 oz.	
<b>Maximum Sound Pressure Level</b> SPL	126 dB	<b>Supplied Accessories</b>	Clip-holder	
<b>Dynamic Range</b>	92 dB			
<b>Mic Connector</b>	Fixed			
<b>Mic Cable Length</b>	6 ft.	<b>Remarks</b>		
<b>Cable Plug Type</b>	mini			



## Uni-directional electret condenser microphone for newsgathering and interviews:

The new Sony ECM-31M is the ideal microphone for indoor and outdoor interviews. The electret microphone head is at the end of a wand which telescopes from the comfortable grip, which also serves as a battery compartment. The length of the microphone may be adjusted according to the height and convenience of the interviewer. A windscreen is supplied for stable performance outdoors.

### Special features of the ECM-31M:

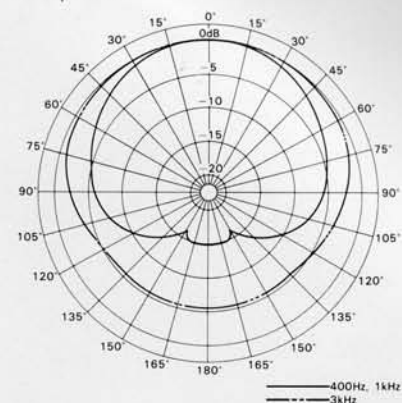
**Uni-directional.** All you have to do is point the microphone at the sound source—because of its uni-directional design, unwanted background sounds are reduced.

**Telescopic design.** The microphone adjusts in size to suit the interviewer's needs . . . and makes the interview subject more at ease. The slim, elegant shape is light weight to reduce fatigue.

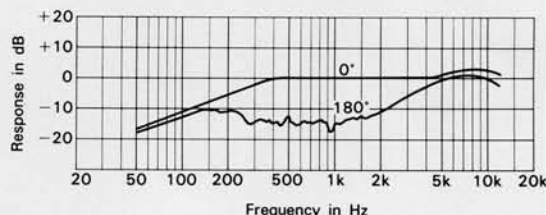
**Urethane Windscreen.** A light weight windscreen is included to help eliminate "pops" and wind distortion.

**Long battery life.** The ECM-31M will operate for up to 7,000 hours on one AA battery.

Polar pattern



Frequency response



<b>Capsule Type</b>	Electret Condenser	<b>Cable Plug Type</b>	mini
<b>Directivity</b>	uni	<b>Power Supply</b>	<b>Phantom</b> No
<b>Frequency Response Hz</b>	50 ~ 13,000		<b>Battery</b> Yes
<b>Output Impedance</b>	250 ohms		<b>Type Equiv.</b> "AA"
<b>Open Circuit Output Level</b> OdB = 1V/10 $\mu$ bar @ 1KHz	-54 dB 2 mV	<b>Dimension</b>	<b>max. dia.</b> 3/4"
<b>Signal to Noise Ratio</b> 1KHz 10 $\mu$ bar	60 dB		<b>length</b> 10 3/4"-19 1/8"
<b>Maximum Sound Pressure Level</b> SPL	126 dB	<b>Weight</b>	5.6 oz.
<b>Dynamic Range</b>	92 dB	<b>Supplied Accessories</b>	MIC Holder
<b>Mic Connector</b>	Fixed		Wind screen
<b>Mic Cable Length</b>	8 ft.	<b>Remarks</b>	