

## Professional omni-directional electret condenser microphone with miniature design.

The most commonly seen tie-tack microphone on television today, the Sony ECM-50PS is a unique product of Sony's combined expertise in both microphone and semi-conductor technology.

Its extremely small size and omni-directional characteristics make the ECM-50PS perfectly suited to use in radio or television broadcasting, in personal interview situations, and by other professional audio technicians in a wide variety of applications.

## Professional features of the ECM-50PS include:

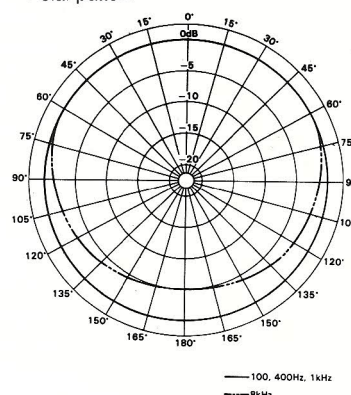
**Wide Frequency Response.** Omni-directional characteristics with wide 40-14,000Hz frequency range provide full, stable sound pickup from any direction, particularly important to interviewing occasions where more than two speakers are present.

**2-Way Powering System.** For more reliable operating, the Sony ECM-50PS may be powered from an external phantom power supply (15-50V DC) without any additional conductors or cables. In external power mode, it is completely interchangeable with other type microphones. In internal power mode, the ECM-50PS will operate for more than 3,000 hours with self-contained battery (Eveready E 340E, 904 or equivalent).

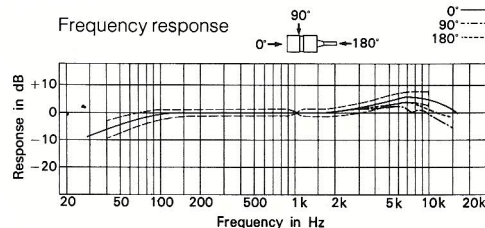
**Non-reflective Design.** The non-reflective satin nickel finish of the ECM-50PS makes it ideal for use in front of television cameras.

**Easy Handling Carrying Case.** The ECM-50PS is shipped in a sturdy aluminum case, making it simple to transport anywhere it may be required. Carrying case includes: microphone capsule, power section and output connector, wind screen, microphone lapel clips, and battery.

Polar pattern



Frequency response



## Microphone Specifications

<b>Capsule Type</b>	Electret Condenser	<b>Cable Plug Type</b>	XLR-3 Type	
<b>Directivity</b>	omni	<b>Power Supply</b>	<b>Phantom</b>	Yes*
<b>Frequency Response Hz</b>	40 ~ 14,000		<b>Battery</b>	Yes
<b>Output Impedance</b>	250 ohms		<b>Type Equiv.</b>	Eveready E401, E340, 904, E90
<b>Open Circuit Output Level</b> OdB = 1V/10μ bar @ 1KHz	-56 dB 1.8 mV	<b>Dimensions</b>	<b>max. dia.</b>	7/16"
<b>Signal to Noise Ratio</b> 1KHz 10μ bar	66 dB		<b>length</b>	1 1/16"
<b>Maximum Sound Pressure Level</b> SPL	126 dB	<b>Weight</b>		0.3 oz.
<b>Dynamic Range</b>	98 dB	<b>Supplied Accessories</b>	Carrying Case	
<b>Mic Connector</b>	Fixed		Wind Screen	
<b>Mic Cable Length</b>	10 ft.		Tie Clip	

\*AC-148F is available.

Specifications are subject to change without notice