



## Single-point stereo Back Electret condenser microphone for studio-quality performance.

Sony has perfected a way to put many of a multi-mike studio's capabilities into a single microphone. The ECM-990F single-point stereo microphone offers excellent stereo pick-up on short notice—without the trouble and expense of setting up a studio.

The Sony Back Electret condenser employs a thinner polyester diaphragm to provide higher compliance—which means better sensitivity and smoother transience across a broader frequency range than conventional electrets can provide. Combined with a FET impedance translator for low noise and stable operation, Back Electret technology helps the ECM-990F give you condenser microphone performance—in a compact, light weight, less expensive, and versatile package.

An axis selector lets you vary the directional quality of the microphone to suit your needs: 90, 120, 150 and 180 degree settings allow you to adapt for everything from solo voice, to small groups, to orchestra. A low cut switch allows you to cut off the lower frequencies, where spurious noise is most likely to occur.

### Special features of the ECM-990F:

**Single-point stereo performance.** You get quality stereo without the inconvenience or expense of the studio—from one microphone.

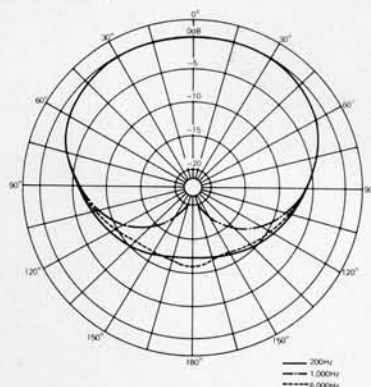
**Back Electret/FET impedance translator.** The best Sony technology, for the best results. Reliable, even performance from low bass notes to high treble.

**Axis selector.** Lets you adjust the directional quality of the microphone to the directional quality of the source.

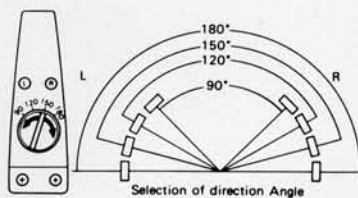
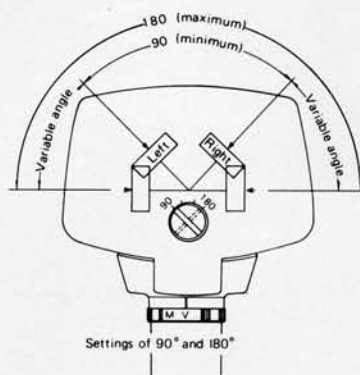
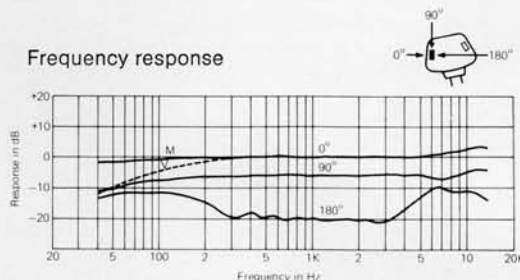
**Low cut switch.** Allows you to cut off lower frequencies to get cleaner, crisper results.

**Long battery life.** Up to 4,000 hours with 1.5V battery supply. A LED indicator tells you when power is low. Windscreen included. Light weight urethane screen helps protect against "pops" and wind noise.

Polar pattern



Frequency response

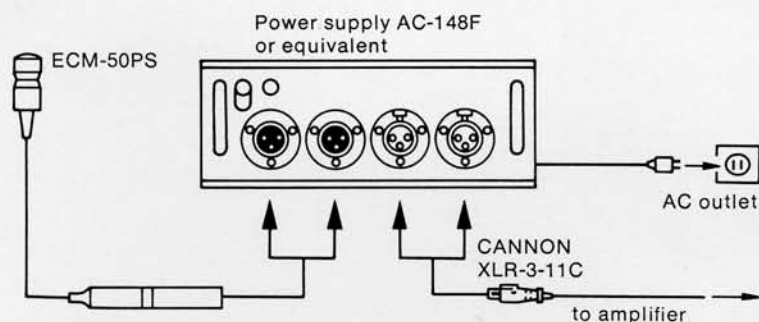


<b>Capsule Type</b>	Back Electret Condenser	<b>Cable Plug Type</b>	phone x2
<b>Directivity</b>	uni x 2 pcs.	<b>Power Supply</b>	<b>Battery</b> Yes
<b>Frequency Response Hz</b>	40 ~ 16,000		<b>Type Equiv.</b> "AA"
<b>Output Impedance</b>	200 ohms	<b>Dimension</b>	<b>max. dia.</b> 3½"
<b>Open Circuit Output Level</b> OdB = 1V/10μ bar @ 1KHz	-56.8 dB 1.5 mV		<b>length</b> 8¼"
<b>Signal to Noise Ratio</b> 1KHz 10μ bar	64 dB	<b>Weight</b>	11.3 oz.
<b>Maximum Sound Pressure Level</b> SPL	126 dB	<b>Supplied Accessories</b>	MIC Holder
<b>Dynamic Range</b>	96 dB		
<b>Mic Connector</b>	Sony Type		
<b>Mic Cable Length</b>	10 ft.	<b>Remarks</b>	

# AC-148F



**Phantom Power Supply.** Excellent for use in broadcast or recording studios. Provides power without diminishing the quality of the microphone's performance. The compact, portable AC-148F is an exceptionally versatile and reliable external power source which enables Sony microphones to operate without additional cords.



**Note:** For extending the cable between the power supply and the ECM-50PS, use a balanced-type cable.

Unit: mm

<b>Power Requirement:</b>	90 ~ 120V AC50/60Hz		
<b>Maximum Current Drain:</b>	Approx. 14mA		
<b>Power Consumption:</b>	Approx. 4W		
<b>Connectors:</b>	MIC (XLR-3-13 type)	.....	2
	OUTPUT (XLR-3-14 type)	.....	2
<b>Dimensions:</b>	<b>W</b>	<b>H</b>	<b>D</b>
	8"	3"	6 5/8"
<b>Weight:</b>	4 lb. 7 oz.		

Specifications are subject to change without notice.