



Hand-held professional electret condenser microphones specifically designed for vocal use.

In a field where conventional dynamic microphones have long dominated, Sony is proud to introduce the ECM-65F/ECM-64P.

The ECM-65F is a uni-directional microphone of Back Electret design which delivers superior sound and gives superb performance when used for singing or speaking voice on stage or in broadcasting and recording studio.

The ECM-64P is an omni-directional microphone best suited to outdoor singing or speaking voice or to interview situations where more than one speaker is present.

Special features of the Sony ECM-65F/ECM-64P:

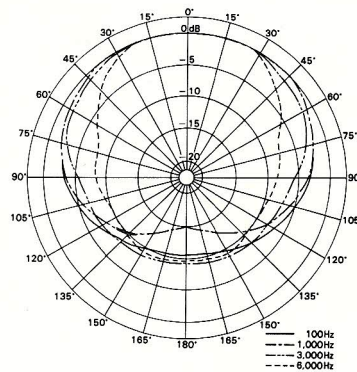
Superior Vocal Sound. Conventional dynamic microphones often suffer from stiffness or coarseness of sound when used for vocal performance. The Sony ECM-65F microphone features a newly designed Back Electret capsule that delivers an extremely soft, natural sound.

Hand-Held Design. The microphone capsules are suspended in a specially designed rubber grommet, which absorbs external vibration transferred through the microphone cable and eliminates the touch noises many other hand-held microphones are susceptible to.

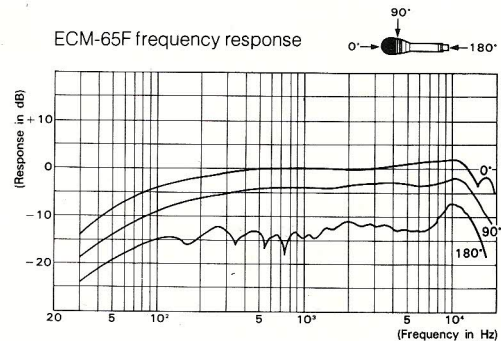
Double Wind Screen. The unique double wind screen of the ECM-65F/ECM-64P acts to greatly reduce "pop" noises and minimize wind effects encountered during outdoor microphone use.

(continued on reverse side).

ECM-65F polar pattern



ECM-65F frequency response

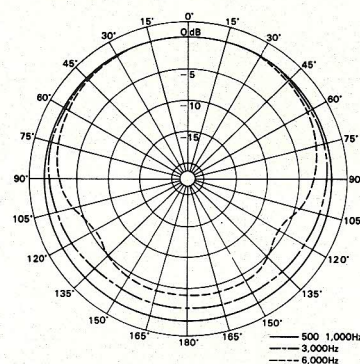


Phantom Power System. The ECM-65F/ECM-64P can be phantom powered from an external DC power supply without additional power cable. And because DC voltage is completely isolated from the microphone output signal, sound quality is unaffected. Best of all, the phantom power system of the ECM-65F/ECM-64P insures interchangeability of microphones, regardless of type.

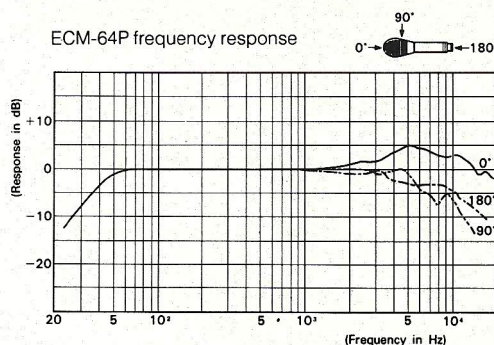
Battery Power. A small TR-177 (Mallory) or E-177 (Eveready) mercury battery will operate the ECM-65F/ECM-64P for 200-300 hours without replacement. Battery installation is quick and easy. And a special battery-saver switch automatically shuts the microphone off when XLR-type connector is unplugged.

Aesthetic Styling. In hand-held microphones, styling is often nearly as important as audio quality. The Sony ECM-65F/ECM-64P have been designed for use before a live audience or television camera; their simple, classic styling creates a pleasing effect while keeping distraction to an absolute minimum.

ECM-64P polar pattern



ECM-64P frequency response



Microphone Specifications

	ECM-65F	ECM-64P			ECM-65F	ECM-64P
Capsule Type	Back Electret Condenser	Electret Condenser	Cable Plug Type		XLR-3 Type	XLR-3 Type
Directivity	uni	omni	Power Supply	Phantom	Yes*	Yes*
Frequency Response Hz	70 ~ 20,000	40 ~ 20,000		Battery	Yes	Yes
Output Impedance	250 ohms	250 ohms		Type Equiv.	Eveready E177	Eveready E177
Open Circuit Output Level OdB = 1V/10μ bar @ 1KHz	-54 dB 2.0 mV	-54 dB 1.6 mV	Dimensions	max. dia.	1½"	1½"
Signal to Noise Ratio 1KHz 10μ bar	66 dB	66 dB		length	7"	7"
Maximum Sound Pressure Level SPL	137 dB	137 dB	Weight		7.5 oz.	7.5 oz.
Dynamic Range	109 dB	109 dB	Supplied Accessories		Carrying Case	Carrying Case
Mic Connector	XLR-3 Type	XLR-3 Type			MIC Holder	MIC Holder
Mic Cable Length	20 ft.	20 ft.			MIC Cable	MIC Cable

*AC-148F is available.

Specifications are subject to change without notice

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Professional Audio Products, Sony Industries, 9 West 57 Street, New York, N.Y. 10019