



**Professional condenser microphone with switchable omni-directional or uni-directional characteristics, internal battery or phantom power.**

An excellent all-purpose microphone for professional use in broadcast or recording studios, theater stage sound systems, wherever circumstances demand a combination of good performance, versatility of operational mode, and simplicity of microphone setup.

The Sony C-38B converts instantly from omni-directional to uni-directional characteristics. An improved amplifier gives the C-38B a dynamic range of greater than 116dB, with flat frequency response and sharp directional characteristics in both uni-directional and omni-directional modes. And phantom power capability is another great advantage of the C-38B, making it compatible with other phantom powered studio microphones.

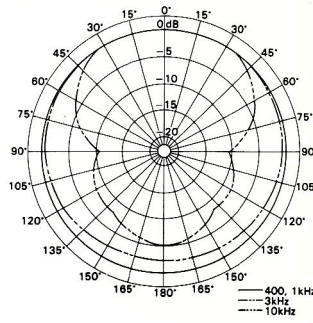
**Professional features of the Sony C-38B :**

**Directivity Switch.**

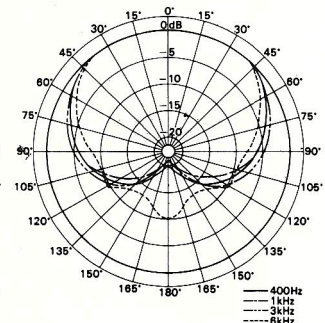
**Function Select Switch.** Just below the directivity switch, a function select switch allows quick microphone adjustment through five positions: OFF, M (full range response), M<sub>1</sub> (slight low frequency attenuation), V<sub>1</sub> (low frequency attenuation), and V<sub>2</sub> (severe low frequency attenuation).

**C-38B**

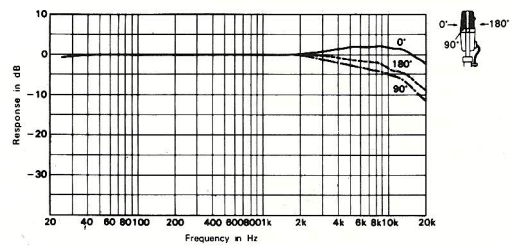
Polar pattern in omni-directional mode



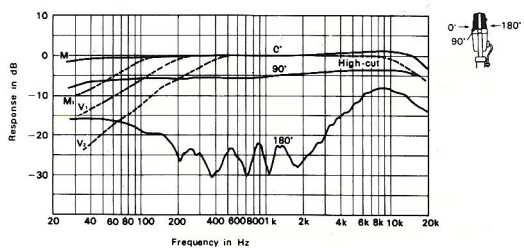
Polar pattern in uni-directional mode



Frequency response in omni-directional mode



Frequency response in uni-directional mode



- High-cut Switch.**
- Pad Switch.**
- Phantom Power System.**
- Internal Battery Power.**
- FET Circuit.**
- Shock Mounting.**

**Microphone Specifications**

<b>Capsule Type</b>	Condenser	<b>Mic Cable Length</b>	20 ft.
<b>Directivity</b>	uni/omni	<b>Cable Plug Type</b>	XLR-3 Type
<b>Frequency Response Hz</b>	30~16,000*	<b>Power Supply</b>	<b>Phantom</b> Yes**
<b>Output Impedance</b>	250 ohms		<b>Battery</b> Yes
<b>Open Circuit Output Level</b> OdB = 1V/10μ bar @ 1KHz	-48 dB 4.0 mV	<b>Dimensions</b>	<b>Type Equiv.</b> Eveready 216, E146
<b>Signal to Noise Ratio</b> 1KHz 10μ bar	70 dB		<b>max. dia.</b> 3"
<b>Maximum Sound Pressure Level</b> SPL	140 dB	<b>length</b>	8 1/16"
<b>Dynamic Range</b>	116 dB	<b>Weight</b>	1 lb. 7 oz.
<b>Pad</b>	8 dB	<b>Supplied Accessories</b>	Carrying Case
<b>Equalizer</b>	M, M1, V1, V2	<b>Remarks</b>	*± 2.5dB
<b>Mic Connector</b>	Fixed		**AC-148F is available.

Specifications are subject to change without notice