

# VOCAL / INSTRUMENT CARDIOID CONDENSER MICROPHONE

The microphone is a high quality, wide-range Unidirectional Condenser Microphone. It is designed to meet the needs of professional musicians and sound engineers in live performance, recording and sound reinforcement applications. Smooth response, fast attack and quiet. Operation ensure high-quality vocal and instrument pick-up.

The microphone will accommodate any external phantom power source supplying from 9 V to 52 V DC, a common 1.5 V AA battery will provide sufficient power to the microphone. Current demands are so low that a premium battery will provide more than a thousand hours of intermittent service.



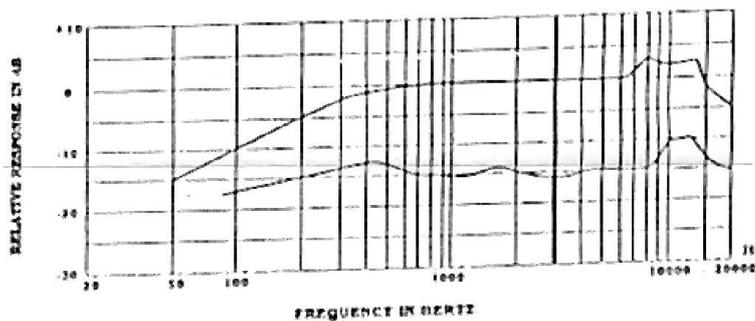
## OPERATION :

When using external phantom power source, place the switch at the "OFF" position. When using battery power, the switch must be at the "ON" position.

## NOTE :

- Turn off the power when not using the microphone.
- If you do not intend to use the microphone several months, remove the battery.

## FREQUENCY RESPONSE CURVE :



## SPECIFICATIONS :

Element.....	Back electret condenser
Polar Pattern.....	Cardioid
Frequency Response.....	60Hz~18KHz
Sensitivity.....	-68dB ± 3dB
Impedance.....	250 Ohms (Balanced)
Maximum input sound level.....	Phantom 115dB SPL 1KHz at 1% THD
	Battery 110dB SPL 1KHz at 1% THD
Dynamic Range (Typical).....	100dB, 1 KHz at max SPL
Signal-To Noise Ratio.....	60dB, 1KHz at 1pa*
Phantom Power Requirements.....	9~52 V DC, 2.0Ma typical
Battery Type.....	AA(UM-3) 1.5 V Battery
Battery Current.....	1.0 mA typical
Battery Life.....	More than 1000 hrs (a premium battery)
Output Connector.....	Internal 3-Pin XLRM-type

Ground **XLRM-type Plug Wiring**  
Low Impedance Balanced



**1/4" Phone Plug Wiring**  
Low Impedance Unbalanced



HC09200000