



# 1300 MICROPHONE CAPSULE

Standard version:

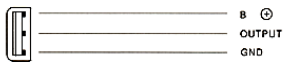


IPX7 version:



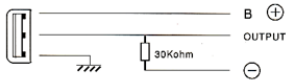
Model 1300 is an amazing noise-cancelling microphone. The response is flat with a peak around 10 KHz to provide maximum noise rejection and intelligibility in the voice band. The transducers represent the state of the art in resistance to shock and vibration and in acoustic performance.

Standard connection:



Supply voltage 2V (2 - 20V)  
Distortion (3% THD) 118 dB SPL  
Current drain 30uA at 2V

Bipolar connection:



Supply voltage +/- 12V  
Distortion (3% THD) 140 dB SPL  
Current drain 400uA

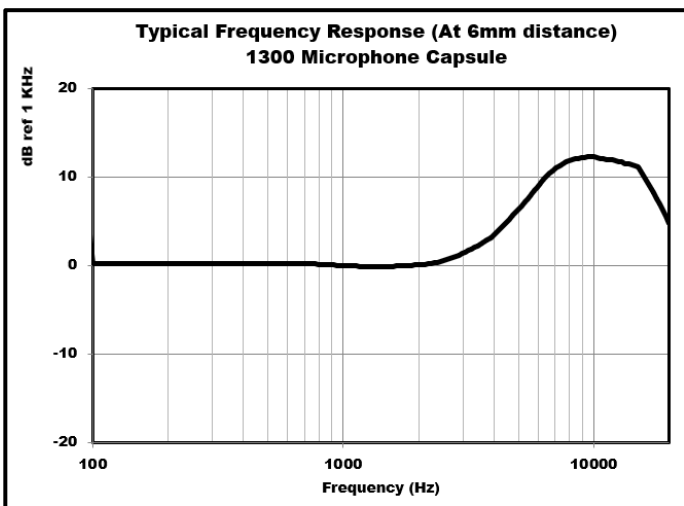
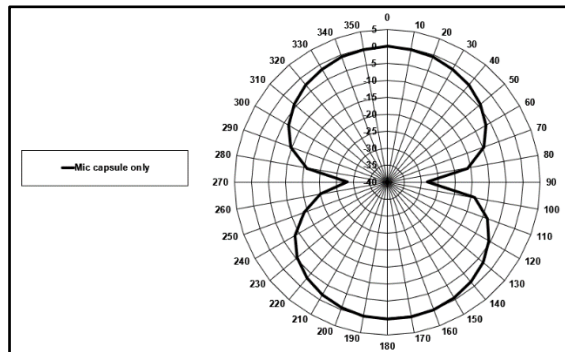
## Features:

- Great Acoustic Performance
- Super Noise Canceling performance
- Resistance to shock and vibration
- Waterproofing (IPX7) version available

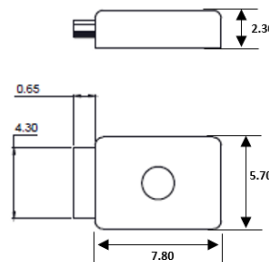
## Specifications:

<b>Generating Element:</b>	Electret Condenser
<b>Polar Pattern:</b>	Noise canceling
<b>Sensitivity:</b>	-43 dB re 1V/Pa @ 1 kHz
<b>Noise Level:</b>	25 dB "A" Weighted
<b>Max SPL, THD &lt; 3%:</b>	118 dB SPL (At 2V) 140 dB SPL (With bipolar bias connection)
<b>Bias voltage:</b>	2 ~ 20 V
<b>Output Impedance:</b>	2 Kohms

## Polar response at 1 KHz:



Standard version:



IPX7 version:

