

# 1303 MICROPHONE CAPSULE

## Standard version:

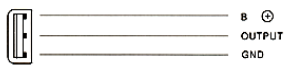


## IPX7 version:



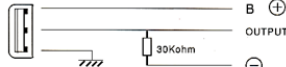
Model 1303 is an amazing noise-cancelling microphone. It is capable of reducing the background noise by more than 20dB. It also has a frequency response acoustically tuned to filter out higher frequencies unwanted on most communications systems.

## Standard connection:

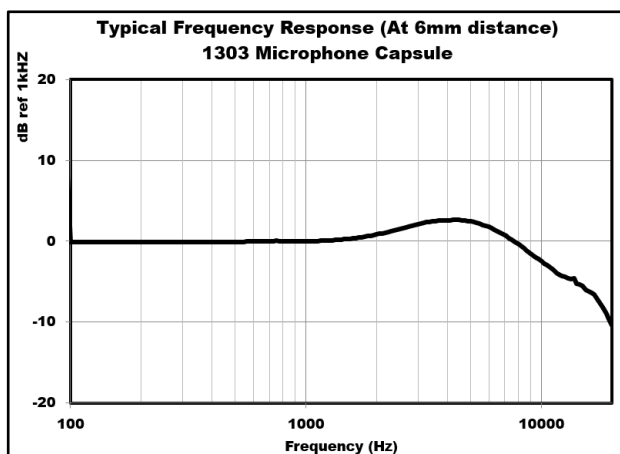


Supply voltage 2V (2 - 20V)  
Distortion (3% THD) 118 dB SPL  
Current drain 30uA at 2V

## Bipolar connection:



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



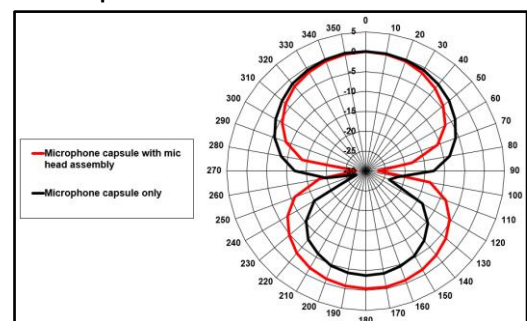
## Features:

- Great Acoustic Performance
- Super Noise Cancelling performance
- Rugged Construction, ideal for use in Military and Aviation applications
- Waterproofing (IPX7) version available

## Specifications:

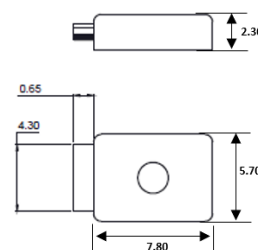
<b>Generating Element:</b>	Electret Condenser
<b>Polar Pattern:</b>	Noise canceling
<b>Sensitivity:</b>	-46 dB re 1V/Pa @ 1 kHz
<b>Noise Level:</b>	25 dB "A" Weighted
<b>Max SPL, THD &lt; 3%:</b>	118 dB SPL (At 2V) 140 dB SPL (With bipolar bias connection)
<b>Bias voltage:</b>	2 ~ 20 V
<b>Output Impedance:</b>	1 Kohms

## Polar response at 1 KHz:



## Dimensions (In mm):

### Standard version:



### IPX7 version:

