

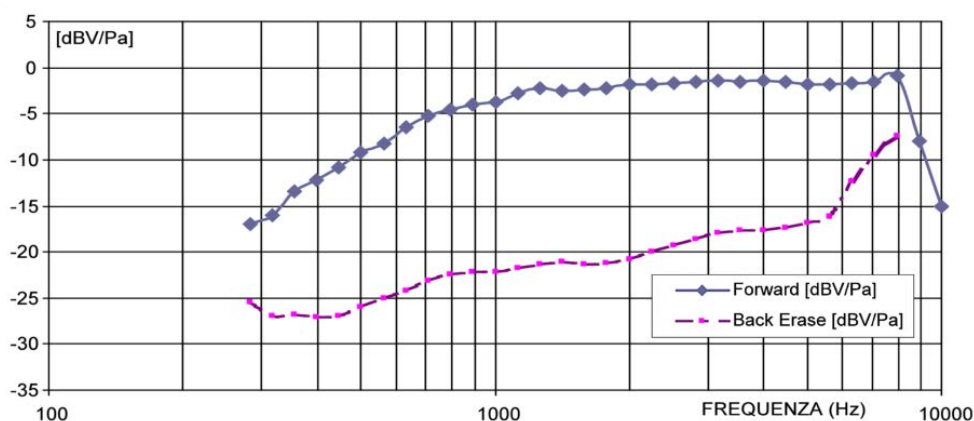
# MIC-97-006-xx

## Features

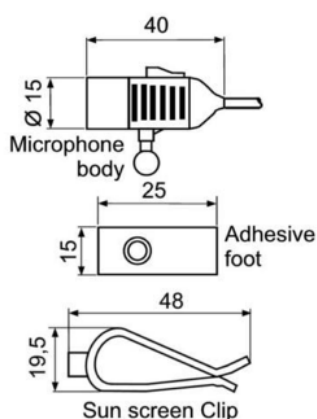
Amplified, unidirectional, electret condenser microphone, for in car applications. Specifically designed to offer good intelligibility and low distortion also in noisy environmental conditions. Can be supplied with sensitivity from +3 up to -22 dB on request. (See sensitivity for ref.)

**Extended Power supply range  
from 5 to 8 Vdc**

## Typical Microphone Sensitivity



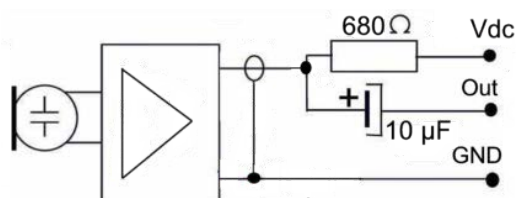
## Mechanical Layout



## Technical Specifications

Directivity: Uni-directional (Cardioid pattern)  
Sensitivity: -3,7 dB  $\pm$  4dB re 1V/Pa @ 1 kHz  
Equal to 640 mV meas. at 50 cm (Typ.)  
Power supply: 5  $\div$  8 Vdc  
Max current:  $\leq$  2 mA @ 94dB SPL  
Load resistor: 680  $\Omega$   
S/N Ratio: > 60 dBA  
THD: < 3%  
Max. SPL: 120 dB  
Operating temp.: -25° to +70°C  
Storage temp.: -40° to +85°C  
Case material: ABS Matt Black  
Cable length and connector: On request

## Test Circuit



UNI EN ISO 9001:2015