



MICROPHONE FOR IN CAR TELECOMMUNICATIONS

The MIC 1 microphone is designed for use in conjunction with cellular telephones, private mobile radios and other vehicle mounted equipment.

Encased in a small pill-shaped housing in matt finish, the microphone can be unobtrusively mounted on the top surface of the dashboard, on the roof lining, windscreen or sun visor by means of a Velcro (trademark) pad.

The microphone element is mounted inside a pivoting arm (up to 45°) which is recessed in the housing, allowing aiming of the microphone at the driver's mouth. The pivoting arm includes a label recess for own branding.



Electro-acoustic Characteristics

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|---------------------------|--|
| ▶ Sensitivity: | -62dB relative 1V/ubar at 1kHz |
| ▶ Frequency response: | Flat to within ± 3 dB over frequency range 300Hz to 3.4kHz |
| ▶ Directionality: | Omni - directional polar response |
| ▶ Maximum supply voltage: | 10 V |
| ▶ Nominal supply voltage: | 4.5 V |
| ▶ Current consumption: | Maximum 0.8mA |
| ▶ Sensitivity reduction: | Within -3 dB at 3 V relative nominal 4.5 V |
| ▶ S/N ratio: | More than 40dB |

Physical Characteristics

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|-------------|------------|-----------|--|
| ▶ Diameter: | 38mm | ▶ Finish: | Black ABS, matt finish |
| ▶ Height: | 17.5mm | ▶ Cable: | Screened. Outer sheath in PVC matt. 3m length. Moulded 3.5mm mono plug at one end. |
| ▶ Weight: | 30 grammes | | |



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