

3M™ Peltor™

PELTOR™

# Technical Datasheet

## Peltor™ Throat microphone

MT90-06

### Product description

Amplified throat microphone.

### Key Features

- Easy to use
- Water proof
- High comfort

### Applications

Military  
Industry

### Testing

To fulfil EMC requirements the microphone has to be tested in combination with the product intended to be used with.

### Materials

Part, material

### Electrical specification

Nominal output (speech): 20mV RMS, 70 mV Peak-to-Peak.  
(Measured at 5VDC with a 2Kohm bias resistor, no AC load,  
(signal level is essentially independent of bias voltage or resistor).

Output Impedance: 75 ohm

Bias Voltage: 2VDC to 15VDC

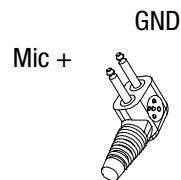
Bias Resistor: 1Kohm to 10Kohm



### Connector

Connector type: J22

Polarity:



### Mechanical Specification

Length: Strap: 550 mm + flex

Cable: 315 mm

Weight: Throat-mic only: 12gr (0.42 oz.)

Throat-mic + velcro strap + cable: 36gr (1.27 oz.)

Throat-mic + buckle strap + cable: 41gr (1.44 oz.)

Colour: Black

### Usage and storage

Temperature range for usage: -20°C – +55°C

Recommended storage conditions: -20° C – +55° C, <85% humidity

Shelf life: 5 years

### Use limitation

Never modify or alter this product

### Important Notice:

3M does not accept liability of any kind, be it direct or consequential (including, but not limited to, loss of profits, business and/or goodwill) arising from reliance upon any information herein provided by 3M. The user is responsible for determining the suitability of the products for their intended use. Nothing in this statement will be deemed to exclude or restrict 3M's liability for death or personal injury arising from its negligence.

### Warranty:

The warranty does not cover any damage caused by neglected maintenance or careless handling. For more information on maintenance, please see the user instruction. For complete warranty condition, contact your dealer or local 3M office

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