

# SHM 424

Gooseneck Microphone



## FEATURES

- Hypercardioid polar pattern
- High gain-before-feedback
- High-quality reproduction of speech
- Flexible gooseneck for optimum positioning
- Low frequency attenuation

## APPLICATIONS

The SHM 424 gooseneck microphone is suited for all applications demanding an inconspicuous microphone. Due to its acoustic features and small dimensions it is suited for lecterns, studios or interpreter's booths. It is also suitable for announcements in buses, department stores, warehouses etc. Due to its hypercardioid polar pattern the microphone is featuring a high gain-before-feedback.

## VERSIONS

SHM 424-11/300-3/8-sw  
Gooseneck 11 mm thick,  
300 mm long,  
with 3/8" internal thread . . . . Order # 428.108

## TECHNICAL SPECIFICATIONS

Transducer type . . . . . Dynamic  
Operating principle . . . . . Pressure gradient  
Frequency response . . . . . 100 - 10,000 Hz  
Polar pattern . . . . . Hypercardioid  
Directional gain at 110° . . . . . > 25 dB  
Open circuit voltage at 1 kHz . . . . . 1.25 mV/Pa  
Nominal impedance . . . . . 200 Ω  
Load impedance . . . . . ≥ 1000 Ω  
Diaphragm . . . . . Makrofol®  
Case/finish . . . . . Brass  
Dimensions  
Length . . . . . 34 mm  
Shaft diameter . . . . . 20.5 mm  
Head diameter . . . . . 20.5 mm  
Weight w/out cable and gooseneck . . . . 46 g

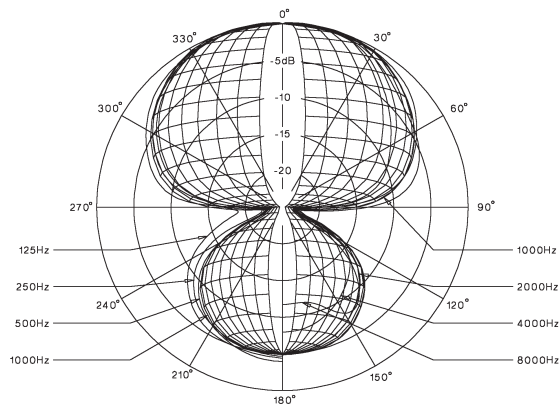
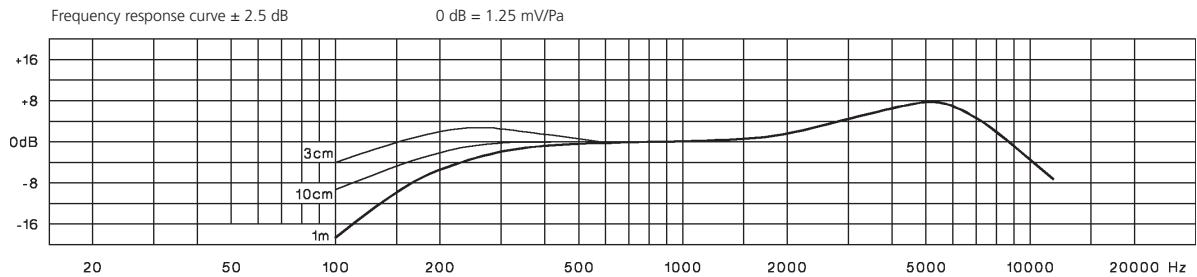
## OPTIONAL ACCESSORIES

ZSH 40 - 3/8" Base plate with footfall  
sound insulation,  
78 mm ø, 3/8" thread . . . . . Order # 272.272

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## FREQUENCY RESPONSE & POLAR PATTERN

This frequency response curve and polar pattern correspond to a typical production sample for this microphone.



## WIRING DIAGRAM

