

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
SHM 424-11/300-N(CM)-sw	same as above, but with 3-pin XLR-plug	Order # 433.659

OPTIONAL ACCESSORIES

ZSH 23 FT	Base plate with 3-pin XLR socket and cable	Order # 464.902
ZSH 23 FG	5/8" adapter (with 3/8" reducer) with 3-pin XLR socket and cable	Order # 464.929
ZSH 40 -3/8"	Base plate for footfall sound insulation 3/8", 78 mm ø, with 3/8" thread	Order # 272.272

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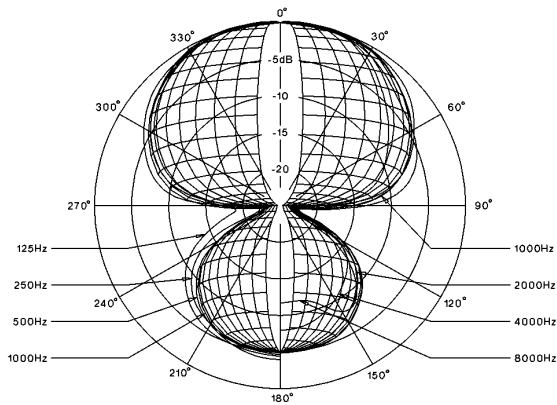
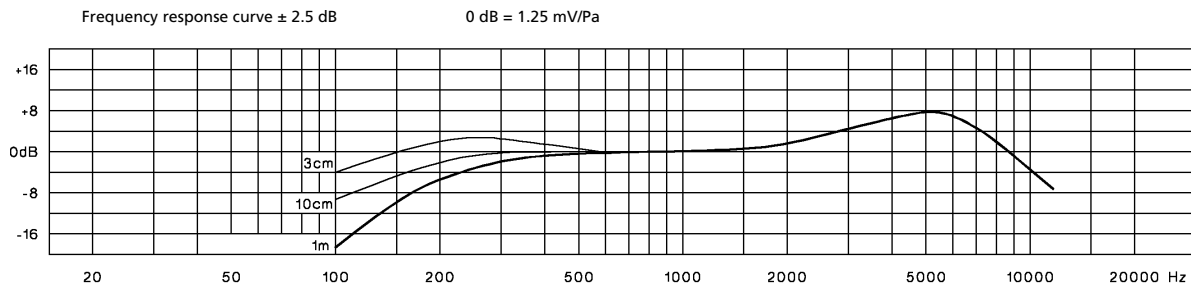
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TECHNICAL SPECIFICATIONS

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	
Connector	3-pin XLR	
Dimensions	Length:	34 mm
	Shaft diameter:	20.5 mm
	Head diameter:	20.5 mm
Weight w/out cable and gooseneck	46 g	

FREQUENCY RESPONSE & POLAR PATTERN

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



WIRING DIAGRAM

