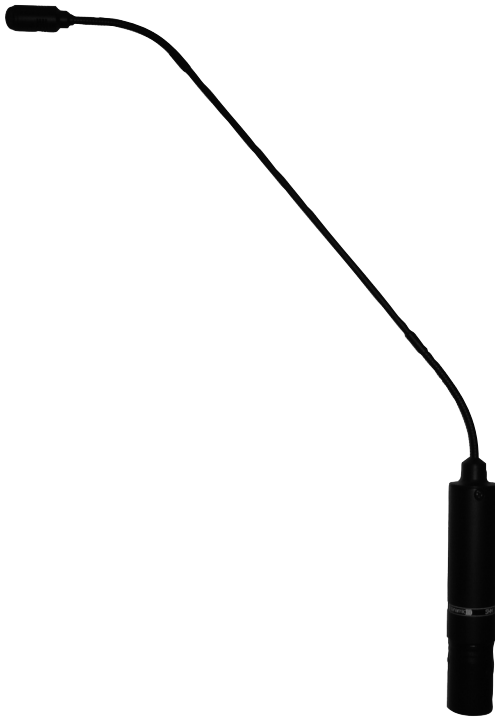


## SHM 204 XD

### Gooseneck Microphone

Order # 480.436



#### FEATURES

- High sensitivity
- High gain before feedback
- Unobtrusive dimensions
- Non-glare surface
- Phantom power 11 - 52 volts

#### APPLICATIONS

The mini condenser SHM 204 XD gooseneck microphone is very unobtrusive. Due to the very small microphone head, the slim goosenecks and the 3 mm thick carbon tube the SHM 204 XD is perfect for applications in any sophisticated environment. Its cardioid polar pattern reduces undesirable off-axis sound while providing outstanding gain before feedback. The microphone is ideal for speech applications such as meetings, discussions, teleconferencing and many other applications where maximum speech intelligibility, high gain before feedback and unobtrusive design are required.

The microphone is mounted on a 3.5 mm thick gooseneck. The microphone can be powered with any phantom power source supplying 11 - 52 volts.

#### SUPPLIED ACCESSORY

WS 20 sw Wind screen, black ..... Order # 439.975

#### 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 20 Elastic suspension for desktop installation ..... Order # 454.559

#### Germany

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#### Great Britain

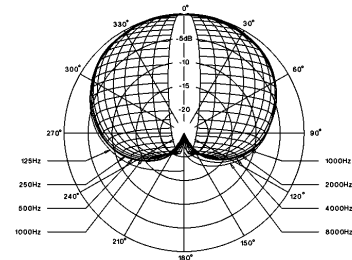
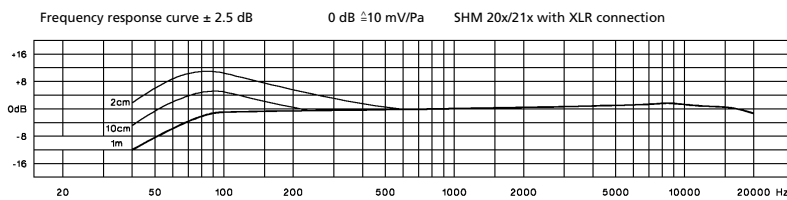
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## TECHNICAL SPECIFICATIONS

Transducer type	Electret condenser
Operating principle	Pressure gradient
Polar pattern	Cardioid
Frequency response	50 - 19,000 Hz
Open circuit voltage	10 mV/Pa
Nominal impedance	≤ 200 Ω
Load impedance	≥ 1 kΩ
Max. SPL f = 1 kHz, k ≤ 1%, RL = 1 kΩ	123 dB
Noise voltage	10 μVs
Signal to noise ratio related to 1 Pa	60 dB
A-weighted equivalent SPL	26 dB
Supply voltage	Phantom power 11 - 52 V
Current consumption	approx. 3.5 mA
Connection	3-pin XLR (male)
Dimensions	
Head diameter without pop screen	approx. 11 mm
Gooseneck diameter	3.5 mm
Tube diameter	3 mm
Shaft diameter	20 mm
Total length	410 mm
Weight	106 g

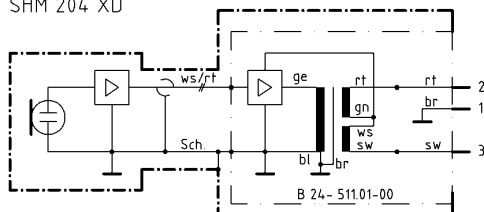
## FREQUENCY RESPONSE & POLAR PATTERN

This frequency response curve (measuring tolerance ± 2.5 dB) and polar pattern correspond to a typical production sample for this microphone.



## WIRING DIAGRAM

SHM 204 XD



Sch = shield  
 bl = blue  
 br = brown  
 ge = yellow  
 gn = green  
 rt = red  
 sw = black  
 ws = white