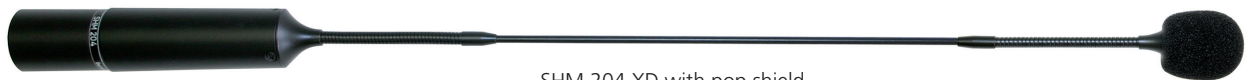


SHM 204 XD

Gooseneck Microphone

Order # 480.436



SHM 204 XD with pop shield

FEATURES

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

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	$\leq 200 \Omega$
Load impedance	$\geq 1 \text{ k}\Omega$
Max. SPL f = 1 kHz, k $\leq 1\%$, RL = 1 k Ω	123 dB
Noise voltage	10 μ Vs
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

APPLICATIONS

The mini condenser SHM 204 XD gooseneck microphone is very unobtrusive. Due to the very small microphone head, the slim goosenecks and the 2.7 mm thick stainless steel 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 shield, black Order # 439.975

OPTIONAL ACCESSORIES

ZSH 23 FT Base plate with 3-pin
XLR-socket and cable Order # 464.902

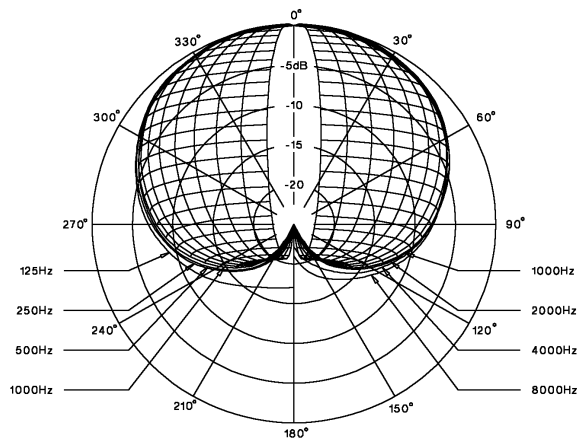
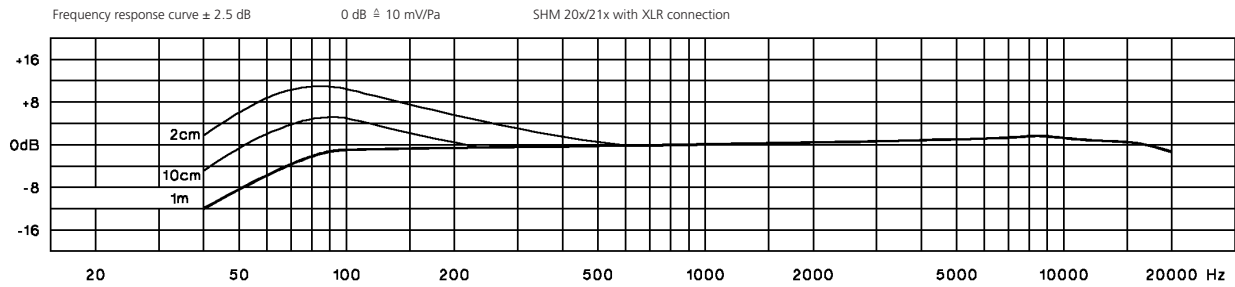
ZSH 23 FG 5/8" adapter (with
3/8" reducer) with 3-pin
XLR-socket and cable Order # 464.929

ZSH 20 Elastic suspension for
desktop installation Order # 454.559

SHM 204 XD

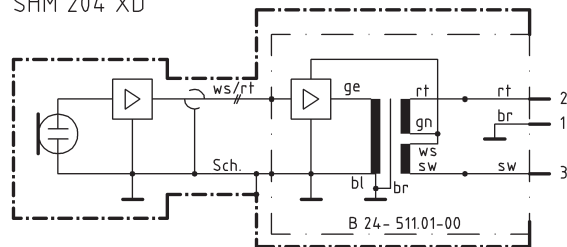
FREQUENCY RESPONSE & POLAR PATTERN

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