

Classis GM 302 - 305

Gooseneck Microphones



GM 302



GM 303

FEATURES

- RFI-proof due to Scudio™ technology
- High sensitivity
- High gain before feedback
- Unobtrusive due to small dimensions
- Non-glare surface
- Phantom power 8 - 52 volts

VERSIONS

- | | | |
|------------------|---|-----------------------|
| Classis GM 302 | XLR connector, 200 mm [8"] | .. Order # 489.557 |
| Classis GM 303 | XLR connector, 300 mm [12"] | .. Order # 722.383 |
| Classis GM 304 | XLR connector, 400 mm [16"] | .. Order # 722.391 |
| Classis GM 305 | XLR connector, 500 mm [20"] | .. Order # 722.405 |
| Classis GM 305 T | 5/8" internal thread / adapter to 3/8" and M18x0.75 external thread, length 500 mm [20"], connecting cable 2.5 m [8.2 ft] with 4-pin female mini XLR connector, incl. CVE 305.18 pre-amp, ZSH 305 small base plate, ZSA 305 mounting adapter, wind shield | Order # 722.421 |

SUPPLIED ACCESSORY

- | | | |
|----------|---|---------------------|
| WS 302 B | Wind shield for Classis GM 302 - 305, black | ... Order # 722.782 |
|----------|---|---------------------|

APPLICATIONS

The gooseneck microphones of the Classis series are provided with a very small cardioid gooseneck microphone for all kinds of applications where a high-quality, but also discrete microphone is demanded.

Due to the cardioid polar pattern this microphone has a high gain before feedback and provides highest intelligibility of speech. Therefore, the microphones are ideal for the use with lecterns, sound reinforcement applications, conferencing, high quality talkback and paging systems.

All microphones feature the innovative Scudio™ technology, making the microphones absolutely insensitive to wireless communication devices such as mobile phones.

The microphone is mounted on a 6 mm thick gooseneck and due to its mat black, non-glare surface almost invisible.

The microphones can be powered with any phantom power source supplying 8 to 52 volts.

OPTIONAL ACCESSORIES

- | | | |
|-----------|---|-----------------------|
| ZSH 23 FT | Base plate with 3-pin XLR-socket and cable | Order # 464.902 |
| ZSH 20 | Shock-mounted holder for desktop installation | Order # 454.559 |

Classis GM 302 - 305

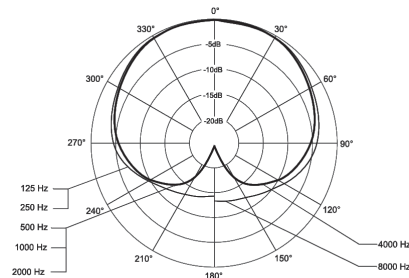
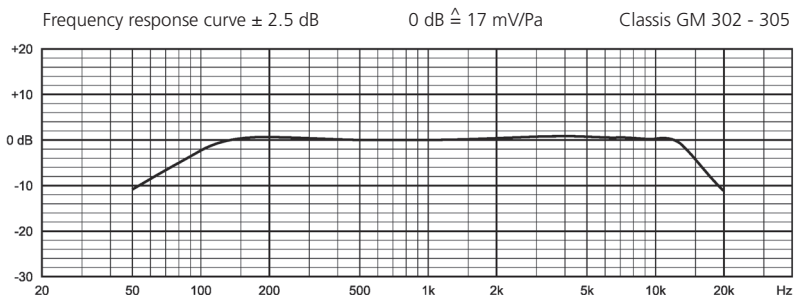
TECHNICAL SPECIFICATIONS

Transducer type Electret condenser
 Operating principle Pressure gradient
 Polar pattern Cardioid
 Frequency response 50 - 19,000 Hz
 Open circuit voltage 17 mV/Pa
 Nominal impedance < 200 Ω
 Load impedance ≥ 1 kΩ
 Signal to noise ratio / noise voltage 69 dB [A] / 6.0 μV [A]
 Max. SPL 107 dB [SPL @ 1% THD]
 Equivalent SPL 25 dB [A]

Wiring balanced with 3-pin XLR-plug
 Supply voltage Phantom power 8 - 52 V
 Current consumption 2.0 mA
 Dimensions
 Length depending on the version
 Head diameter 13.6 mm [0.5"]
 Gooseneck diameter 6 mm [0.2"]
 Shaft diameter 20 mm [0.8"]
 Weight depending on the version

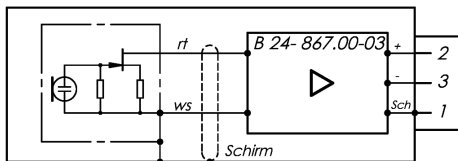
FREQUENCY RESPONSE & POLAR PATTERN

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



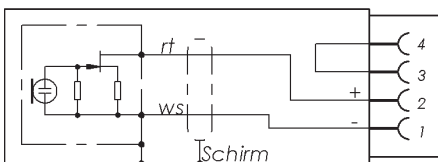
WIRING DIAGRAMS

Classis GM 302 - 305

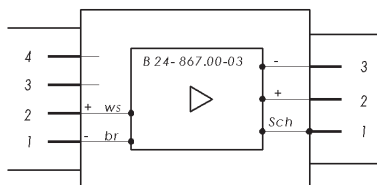


rt = rot / red / rouge
ws = weiß / white / blanc
Sch = Schirm / shield / écran

Classis GM 305 T



CVE 305.18

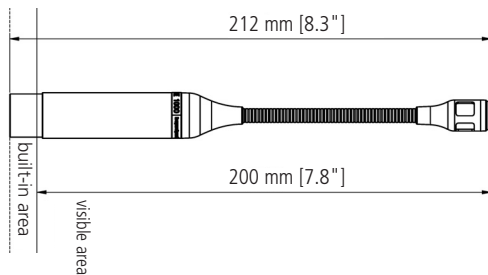


br = braun / brown / brun
rt = rot / red / rouge
ws = weiß / white / blanc
Sch = Schirm / shield / écran

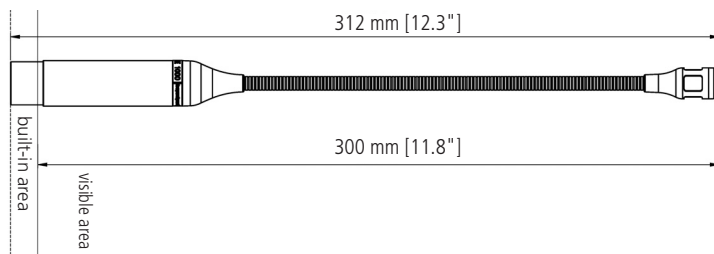
Classis GM 302 - 305

DIMENSIONS

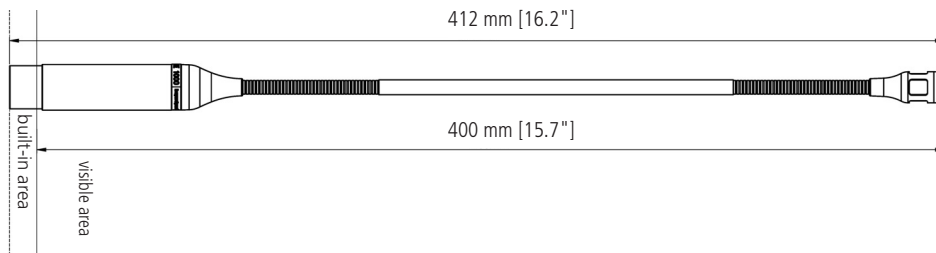
GM 302



GM 303



GM 304



GM 305

