

# MICROTECH GEFELL

microphones & acoustic systems - founded 1928 by Georg Neumann



## TM 190.2

### Desktop microphone



The TM 190.2 desktop microphone is a compact version of Studio condenser microphones series micon. It is specially designed for commentary, translators and applications in TV and Radio. It is a classic 48V phantom powered condenser microphone design, which ensures a high degree of speech intelligibility even in unfavourable acoustic conditions. Its unobstructive appearance also makes it ideal for use on conference tables.

The TM 190.2 consist of the desktop microphone capsule BMK 190, the desktop microphone base Seat MF 90 and the desktop microphone preamplifier BMV 100. Use of a special capsule with a cardioidcharacteristic achieves excellent suppression of undesired acoustic sound level in the vicinity. The substantial metal Base Seat of the MF 90 provides a good slide-resistant base, and the microphone holder provides comprehensive angular adjustment of the microphone. The body of capsule is small so it only take up small space in the TV view. The microphone has a balanced frequency response ensuring a neutral sound. A low output impedance allows XLR-cable extensions. The microphone capsules are interchangeable via LEMO® connector.

### Commissioning

The capsule should first be fixed to the metal foot MF 90. After fitting the capsule, the cable should be connected to the BMV 100 and the 48 V phantom power can be applied via the 3 pin XLR connector.

When necessary, we recommend the use of the W 19 windscreen.



## Delivery

Microphone **TM 190.2** in wooden case  
 Desktop microphone capsule **BMK 190**  
 Stage microphone preamplifier **BMV 100**  
 Desktop microphone base seat **MF 90**  
 Windscreen, anthracite **W 19**  
 Connection cable **C 19.01,5** - 1,5 m

l x d x h 264 x 152 x 56 mm

TM 190.2 dark bronze

Order-No. 211111

## Accessories, optional

Power supply **N 200**

Order-No. 202101

## Technical data TM 190.2

**CE Certificate**

Polar pattern	Cardioid
Acoustic operating principle	Pressure gradient transducer
Frequency range	40...16000 Hz
Sensitivity at 1 kHz	14 mV/Pa
Rated impedance	100 Ω
Equivalent loudness level DIN EN 60651	15 dB-A
Max. SPL for THD ≤ 0,5 %	146 dB
Total dynamic range of the microphone preamplifier	131 dB
Current consumption (P48)	3,3 mA
Connectors <b>BMK 190</b>	4-pin LEMO connector 00, goldplated contacts
<b>BMV 100</b>	3-pin XLR connector, goldplated contacts
Length connection cable <b>C 19.01,5</b>	1,5 m
Weight	290 g
Length desktop microphone <b>BMK 190</b>	64 mm
Diameter of microphone	21 mm
Diameter of metal foot <b>MF 90</b>	100 mm
Finish	Dark bronze

## Frequency response TM 190.2

