

## TM 190.1

### Desktop microphone



The TM 190.1 desktop microphone is a compact speaker microphone version of Studio condenser microphones series micon. It is a classic 48V phantom powered condenser microphone design, which ensures a high degree of speech intelligibility even in unfavourable acoustic conditions. Its unobtrusive appearance also makes it ideal for use on conference tables.

Radio commentators, translators etc. appreciate the handy design of the microphone.

The TM 190.1 consists of the Desktop Microphone Capsule and the Desktop Microphone Preamplifier TMV 100. Use of a special capsule with a cardioid characteristic achieves excellent suppression of undesired acoustic interference in the vicinity. The substantial metal foot of the TMV 100 provides a good slide-resistant base, and the mounting arm provides comprehensive angular adjustment of the microphone. The microphone has a flat frequency response ensuring a neutral sound. The electronic circuit design contributes negligible self-noise. 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 TMV 100 using the 3/8" thread attachment. After fitting the capsule, the cable should be connected to the TMV 100 and the 48V phantom power can be applied via the 3 pin XLR connector.

When necessary, we recommend the use of the W 19 wind screen.



## Delivery

Microphone **TM 190.1** in wooden case L x B x H 264 x 152 x 56 mm  
 Desktop microphone capsule TMK 190 K  
 Desktop microphone preamplifier TMV 100  
 Windscreen, anthracite W 19  
 connection cable 1,5 m

TM 190.1 dark bronze

Order-No. 211110

## Accessories, optional

Power supply N 200

Order-No. 202101

## Technical data TM 190.1

## 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 TMV 100	131 dB
Current consumption (P48)	3,3 mA
Connectors TMK 190 K	4-pin LEMO connector 00, goldplated contacts
TMV 100	3-pin XLR connector, goldplated contacts
Length connection cable	1,5 m
Weight	290 g
Length desktop microphone TMV 100	64 mm
Diameter of microphones	21 mm
Diameter of metal foot MF 90	100 mm
Finish	Dark bronze

## Frequency response TM 190.1

