

SEIT 1928

KONDENSATORMIKROFONE  
FÜR STUDIO-UND MESSTECHNIK

**MICROTECH GEFELL**



## BM 190

### Stage Microphone with cardioid pattern



The BM 190 stage microphone is a compact member of the **micon** series of studio condenser microphones.

A classic 48V phantom powered condenser microphone design, the BM 190 ensures a high degree of intelligibility and clarity for speech, vocals and music, also when used in less favourable acoustic conditions.

The design makes it particularly suited to suspension above stages. Sound engineers in Theatre, Opera and Television will be particularly impressed by the visually unobtrusive appearance of the microphone.

The BM 190 comprises a BMK 190 microphone capsule and the BMV 190 stage microphone preamplifier.

Use of a special capsule with a cardioid characteristic achieves excellent attenuation of undesired acoustic interference in the vicinity. The suspension coupling provides a secure positioning and precise orientation of the microphone.

The stage microphone has a balanced frequency response and ensures a neutral capture of sound. The electronic circuitry employed generates a negligible noise level. The low output impedance means that XLR cable extensions can be used where required.

The microphone is supplied in a dark bronze finish. A LEMO® mini-connector system provides an easy way to exchange the BMK 190 cardioid capsule with a BMK 180 omnidirectional capsule.

### Setting up

The stage microphone capsule is attached to the suspension coupling with a swivel clip. After connecting to the microphone capsule, the connecting cable is plugged into the BMV 190 preamplifier and the Stage microphone is powered from the 48V phantom power supply via a 3 pin XLR.

If required, the use of a W 19 Windshield is recommended.



## Delivery specification

**BM 190** in wooden case l x d x h 263 x 152 x 43 mm  
 BMK 190 Stage microphone capsule  
 BMV 190 Stage microphone preamplifier  
 W 19 Windscreen, anthracite  
 C 19.05 connection cable - 5 m

BM 190 in dark bronze Order-No. 211109

## Optional accessories

N 200 Power supply Order-No. 202101

## BM 190 technical data

**CE Certificate**

Polar characteristic	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 ≤ 0,5 % distortion	146 dB
Dynamic range of the microphone preamplifier	131 dB
Current consumption P48	3,3 mA
Connectors type BMK 190	4-pin LEMO connector 00, goldplated contacts
BMV 190	3-pin XLR connector, goldplated contacts
Length of connection cable	5 m
Weight	290 g
Length of BMK 190 capsule	64 mm
Diameter of microphone	21 mm
Surface finish	dark bronze

## Frequency response BM 190

