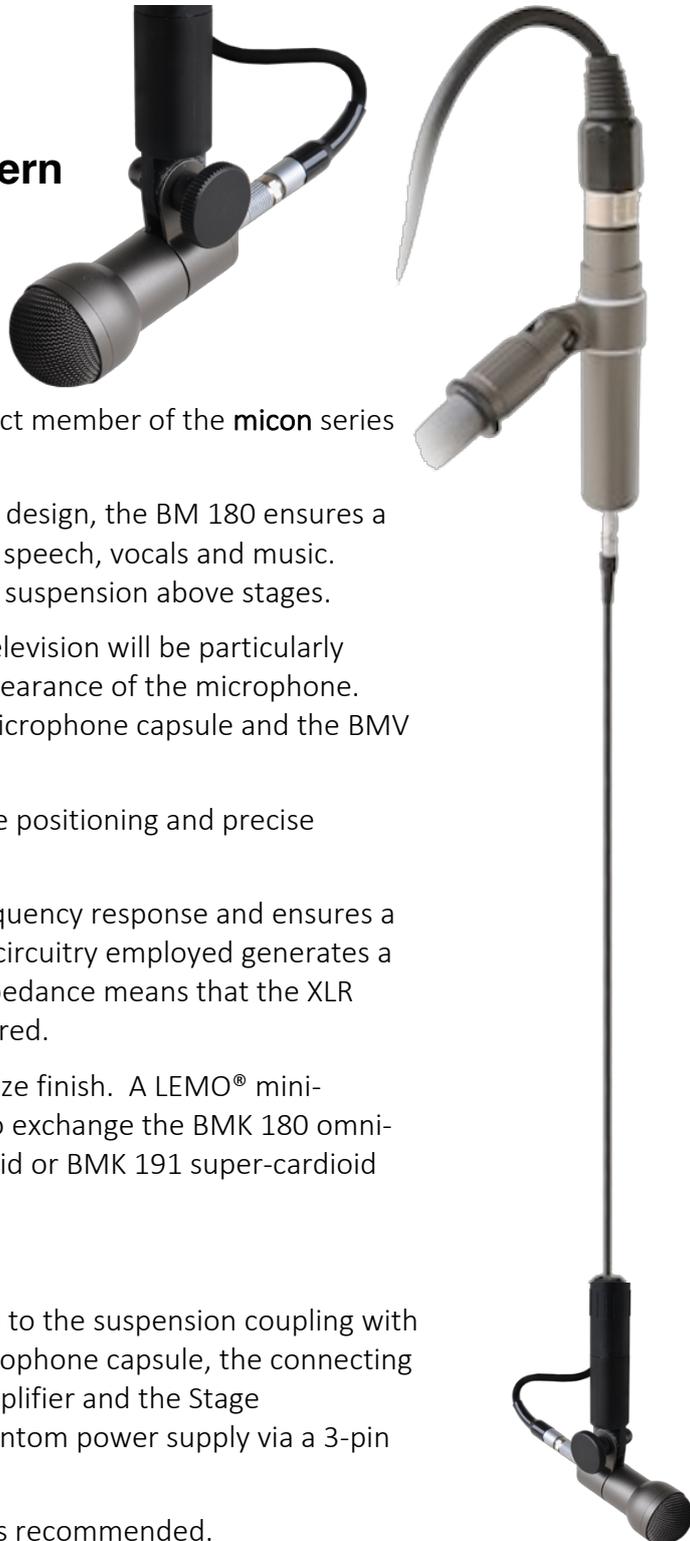


BM 180 Stage Microphone with Omni-directional pattern



The BM 180 stage microphone is a compact member of the **micon** series of studio condenser microphones.

A classic 48V phantom powered capacitor design, the BM 180 ensures a high degree of intelligibility and clarity for speech, vocals and music. The design makes it particularly suited for suspension above stages.

Sound engineers in Theatre, Opera and Television will be particularly impressed by the visually unobtrusive appearance of the microphone. The BM 180 is comprised of a BMK 180 microphone capsule and the BMV 190 stage microphone pre-amplifier.

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 the 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 180 omni-directional capsule with a BMK 190 cardioid or BMK 191 super-cardioid 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 pre-amplifier 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 180 in wooden case
BMK 180 Stage microphone capsule
BMV 190 Stage microphone pre-amplifier
W 19 Windscreen, anthracite
C 19.05 connection cable – 5 m

BM 180 in dark bronze

Optional accessories

N 200 Power supply

BM 180 technical data

Polar pattern		Omni
Acoustic operating principle		Pressure transducer
Frequency range		40 ... 18000 Hz
Sensitivity at 1 kHz		7 mV/Pa
Output impedance		100 Ω
Noise level	CCIR 468-4	30 dB
	IEC 651	20 dB - A
Signal-to-noise ratio	CCIR-weighted	64 dB
(re 1 Pa at 1 kHz)	A-weighted	74 dB
Max. SPL for THD <0,5%		147 dB
Dynamic range of electronics		127 dB
Current consumption (P 48, DIN 45596, IEC 268-15)		3,3 mA
Output connector	microphone	3-pin XLR connector

Frequency response BM 180

