

SEIT 1928

KONDENSATORMIKROFONE  
FÜR STUDIO - UND MESSTECHNIK

**MICROTECH GEFELL**



## M 92.1 S

### Tube condenser microphone with cardioid polar pattern



The M 92.1 S is renowned for its high sensitivity and excellent signal-to-noise ratio. It has the typical warm, full-bodied sound of tube microphones that are preferred by vocalists and soloists.

The M 92.1 S vacuum tube condenser microphone is suited for difficult radio play recordings as well as a supporting microphone for orchestra recordings.

The renowned pressure gradient transducer of the M 92.1 S uses two large diameter gold-plated plastic dia-phragms.

The vacuum tube preamplifier is equipped with a pentode working as a triode selected for its sonic characteristics.

The N 920.1 power supply provides the operating voltage for the vacuum tube condenser microphone. It can be powered from AC mains with a primary voltage of 115 or 230 volts / 50 or 60 Hz.

For cable lengths over 50 meters it is recommended to have your service provider set the heater voltage of the power supply to 5.8 volts.

The N 920.1 is equipped with an on/off-switch, a 7-pin Tuchel connector that powers the microphone and a 3-pin XLR connector with integrated line voltage selector.

The M 92.1 S is packed in a wooden case and comes with power supply N 920.1, connection cable C 92.1 and elastic suspension EA 92.

The microphone is available in a satin nickel or a black matt finish.



### Delivery

Tube microphone M 92.1 S in wooden case L x B x H 275 x 90 x 70 mm  
Power supply N 920.1  
Connection cable C 92.1  
Elastic suspension EA 92

satin nickel  
black matt

Order-No. 211154  
Order-No. 211155

### Accessories, optional

Windscreen, anthracite	W 92	Order-No. 202402
Popscreen, black	PO 70	Order-No. 600018
Microphone holder, satin nickel	MH 80	Order-No. 202320
Microphone holder, black matt	MH 80	Order-No. 202321
Connection cable with swivel mount	C 92.1 S	Order-No. 202206
Suitcase, aluminium	Case 1	Order-No. 702001

# Technical data M 92.1 S

CE Certificate

Tube-condenser microphone

Polar pattern	cardioid	
Acoustic operating principle	Pressure gradient transducer	
Frequency range	40 ... 18000 Hz	
Sensitivity at 1 kHz	19 mV/Pa	
Rated impedance	200 Ω	
Equivalent loudness level due to inherent noise	CCIR 468-4 (qps)	25 dB
	DIN EN 60 651	15 dB - A
Signal-to-noise ratio (re 1 Pa at 1 kHz)	CCIR-weighted	69 dB
	A-weighted	79 dB
Max. SPL for THD ≤ 0,5 %	118 dB	
Total dynamic range of the microphone preamplifier	103 dB	
DC power supply	120 V-	
Anode current	1 mA-	
Heater voltage	5,8 V-	
Heater current	200 mA-	
Tube	EF 86	
Output connector	7-pin Tuchel C 70/A	
Weight	430 g	
Dimensions (L x Ø)	197 mm x 42 mm	

