

D 190

INSTRUMENT MICROPHONE

One of the hottest selling microphones ever. Very impartial sound. Characteristic sintered cap acts as windscreen.

The **D 190** first made its mark as a reporters' microphone. Many musicians and studio engineers like it for tom-toms and congas. By virtue of its smooth response the **D 190** may be a cost-efficient alternative to condenser microphones as it gives excellent results in live recording, for instance.

STANDARD ACCESSORIES

SA 40 Stand adapter

OPTIONAL ACCESSORIES

W 31 Foam windscreen

H 10 Stereo bar

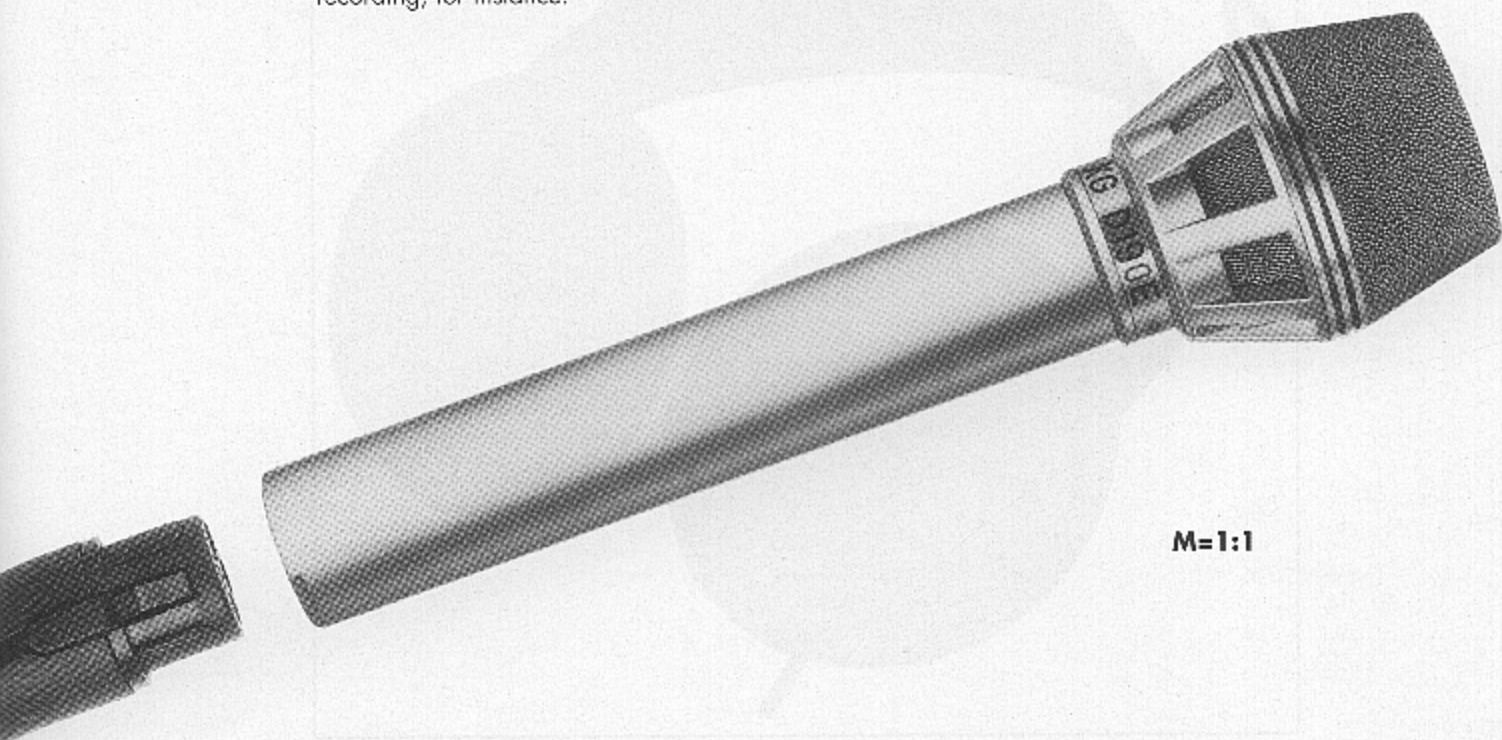
MK 9/10 Cable

St 1 Table stand

St 5/2 Heavy table stand

St 102 A Boom stand

St 200 Floor stand



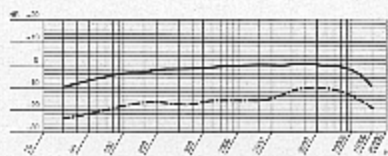
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D 190 S

INSTRUMENT MICROPHONE

Same as **D190**, except with on/off switch.

SPECIFICATIONS

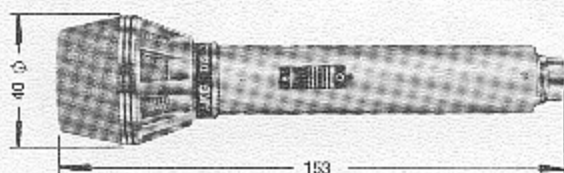


Type:	dynamic pressure gradient microphone
Polar pattern:	cardioid
Sensitivity:	1.6 mV/Pa \pm -56 dBV re 1 V/Pa
Frequency range:	30 - 15,000 Hz \pm 2 dB from published curve
Impedance:	\leq 280 Ω
Recommended load impedance:	$>$ 1000 Ω

Environment temperature:	-10° C to +80° C
Rel. humidity:	90% [+20° C to +80° C]
Connector:	3-pin XLR
Size:	40 \varnothing x 161 mm (1.6 \varnothing x 6.3 in.)
Net/shipping weight:	180/500 g (6.3 oz./1.1 lbs.)



Dimensions [mm.]:

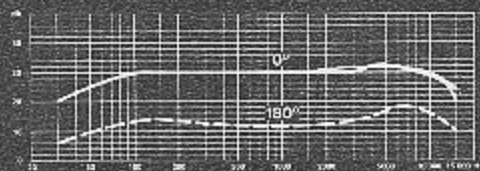


D190

Robust sintered bronze grille causes no loss of sensitivity

Elastically mounted system

FREQUENCY RESPONSE CURVE:



Low hand noise

Special version D 190R for reporters (150—16 000 Hz)

On and off switch on S-types

Available with DIN and Cannon connections

D 190C



D 190E



D 190CS



D 190ES



Technical data:

Type: Dynamic pressure gradient receiver
Frequency Range: 30 ... 16 000 Hz
D 190R: 150 ... 16 000 Hz
Sensitivity at 1000 Hz: 0.23 mV/ μ bar (-73 dbv)
Impedance at 1000 Hz: 230 ohms \pm 20%
D-190R: 220 ohms \pm 20%
Min. Actual Load Impedance: 500 ohms
D 190R: 1500 ohms
Directional Characteristic: Cardioid
Weighted Noise Level: 0.25 μ v_{eff} (Filter CCITT-C/DIN 45 405)
Unweighted Noise Level: 0.2 μ v_{eff}
Max. Sound Pressure Level at a distortion of 0.5% at 1000 Hz:
500 μ bar (128 db SPL)
Diaphragm: MAKROFOL®

When ordering please note:

D 190C: with built-in 3-conductor DIN-plug
D 190E: with built-in 3-conductor Cannon-plug
D 190CS: same as D 190C, but with on-off-switch
D 190ES: same as D 190E, but with on-off-switch
D 190CR: same as D 190C, but with built-in bass-cut-filter
D 190ER: same as D 190E, but with built-in bass-cut-filter

Weight:

D 190: 140 grams
With individual packing approx. 500 grams

Accessories:

(How to order please refer to the price-list)
Stand adapter: SA 11
Table stands: St 1, St 4
Floor stands: St 30, St 102A, St 230
Microphone cables: for C-types: MK 1/5, MK 1/10
for E-types: MK 4/5
Mating connector: for C-types: 3-conductor DIN-connector
for E-types: Cannon-connector XLR-3-11C
Windscreens: W 8, W 24

Wind and pop-shield

Removable grille cap for easy servicing

POLAR DIAGRAM:



Pronounced directional characteristics:

Front to back ratio better than -18 db at 1 kHz (see frequency response curve)