KM 184

MINIATURE CONDENSER MICROPHONE

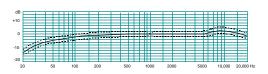
Designed for critical recording and live-sound applications, the KM 184 is a small diaphragm, cardioid condenser microphone. Its capsule and electronics are identical to those of the KM 140. By omitting the -10dB pad switch and making the KM 184 cardioid only (no interchangeable capsules), we are able to offer a microphone that provides maximum performance and that glorious "Neumann Sound" at a price much lower than previously possible. The KM 184 can handle sound pressure levels of 138dB before overloading, making it particularly useful for percussion, cymbals, hi-hats, and brass instruments. It is also extremely quiet (16dB A-weighted self-noise), making it excellent for capturing the subtle nuances of acoustic quitar and orchestral performances.

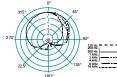
The KM 184 package includes the SG 21/17 stand adapter and WNS 100 Windscreen.



SPECIFICATIONS KM 184

Directional patterns		Cardioid	
Acoustic operating principle	Pressure gradient transducer		
Frequency range	Hz	20 - 20,000	
Sensitivity 1)	mV/Pa	12 (-36.2dBu=+38.4dBv)	
Rated impedance	ohms	50	
Equivalent loudness level due to inherent noise DIN 45 405 CCIR 468-3 DIN/IEC 651	dB dB-A	25 16	
S/N ratio re 1 Pa at 1 kHz CCIR A-weighted	dB dB-A	69 (S/N=94dB - equiv. noise) 78	
Max. SPL for less than 0.5% THD ²⁾ without pre-attenuation	dB	138	
Total dynamic range of the microphone amplifier ³⁾	dB	122	
Power consumption 4)	mA	2	
Weight	g	80	
Dimensions diameter length	mm mm	22 107	





 $^{^{1)}}$ at 1kHz into 1 kOhm load impedance. 1Pa $^{\pm}$ 94dB SPL $^{2)}$ THD of microphone amplifier at an input voltage equivalent to the capsule output at the specified SPL is applied

³⁾ Referred to DIN/IEC 651 A-Weighted equivalent loudness level. Total dynamic range equals max. SPL minus equiv. noise $^{4)}$ 48 V \pm 4 V phantom powered (P 48 according to DIN 45596/IEC 8 15)