



MC 834

Condenser Microphone Order # 441.228

The MC 834 condenser microphone features an extremely linear frequency curve and a frequency response of 20 to 20,000 Hz. Due to its cardioid polar pattern it has a high gain-before-feedback. Without pre-attenuation, the microphone has a SPL capability of 130 dB, with pre-attenuation up to 150 dB. Also it offers a dynamic that cannot be reached by any digital recording system. The microphone has a balanced output and can be powered by phantom power between 12 and 52 V. The MC 834 is a universal studio microphone to be used for digital recording, both lead and back up vocals, voice-overs, miking of pianos, strings and brass instruments. It is also suited to the home recording artist.



MC 834

Transducer type	Condenser	
Operating principle	Pressure gradient	
Frequency response	20 - 20,000 Hz	
Polar pattern	Cardioid	
Open circuit voltage		
at 1 kHz (0 dB = 1 V/Pa)	20 mV/Pa	± 2 dB = -34 dBV
Nominal impedance	180 Ω	
Load impedance	> 1000 Ω	
Max. SPL at 1 kHz	130 dB	
	140 dB with pre-attenuation -10 dB	
	150 dB with pre-attenuation -20 dB	
Signal to noise ratio rel. to 1 Pa	approx. 69 dB	
A-weighted equivalent SPL	approx. 18 dB	
Supply voltage	12 to 48 phantom power	
Current consumption	approx. 4 mA	
Connection	3-pin XLR male	
Dimensions	Length:	165 mm
	Shaft diameter:	37 mm
	Head diameter:	70 x 52 x 33 mm
Weight without cable	290 g	

Supplied Accessories

EA 37	Elastic suspension	Order # 452.955
ZKK 834-833	Case	Order # 393.371

Optional Accessories

MKV 11	Microphone clamp, for shaft diameter 32 - 42 mm	Order # 407.232
BMC 05 FM	Standard microphone cable XLR-XLR 5 m	Order # 434.787
BMC 10 FM	Standard microphone cable XLR-XLR, 10 m	Order # 434.795
MSG 248.1	Mains power supply unit for two microphones, for balanced and unbalanced inputs	Order # 100.943
PS 740	Popscreen, black	Order # 401.897
WS 740/834	Windscreens, charcoal-grey	Order # 401.994
MAV 802	Multi-purpose mounting for two microphones	Order # 453.323

Features

- High SPL capability
- Switchable 10 and 20 dB attenuation
- 2 position low frequency roll-off
- Internal elastic suspension

Applications

- Studio
- Vocals
- Instruments
- Home recording
- DAT- and MD-recordings
- On-Air

