MC 834

Condenser Microphone Order # 441.228

The MC 834 condenser microphone features a 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.

Features

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

Applications

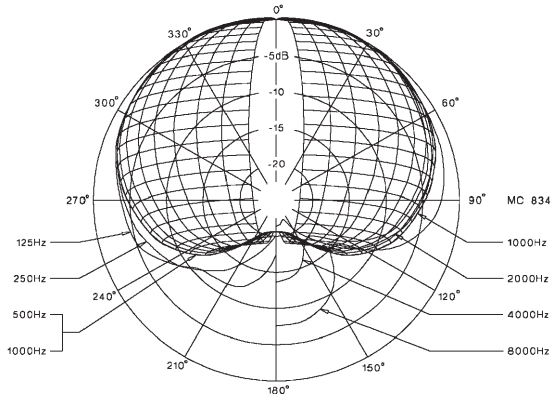
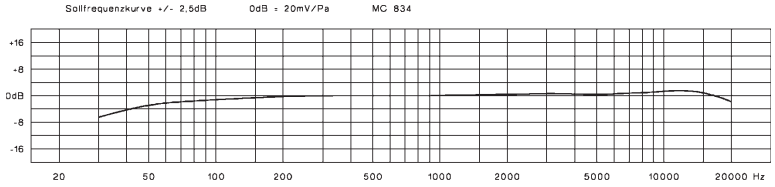
- Studio
- Vocals
- Instruments
- Home recording
- DAT- and MD-recordings
- On-Air

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	Windscreen, charcoal-grey	Order # 401.994
MAV 802	Multi-purpose mounting for two microphones	Order # 453.323