

MCE 530

Condenser Microphone



FEATURES

- Cardioid polar pattern
- High SPL capability
- Slim, unobtrusive design
- Plastic casing strengthened with carbon fibres
- Phantom powering 11 - 52 V

APPLICATIONS

The MCE 530 is a cardioid condenser microphone suitable for both project studios and semi-professionals. This microphone has been developed for studio and home recording applications. Its frequency response has been optimised for miking instruments and choirs. Using the WS 53 wind screen the MCE 530 is also an ideal speaker's microphone in churches and halls. Due to its light weight it can be easily mounted onto goosenecks. The cardioid polar pattern gives the MCE 530 high gain-before feedback and eliminates noise from the rear. Its plastic casing is strengthened with carbon fibres and is extremely light and rugged. Its small and short design permits flexible and unobtrusive positioning. The microphone is powered by phantom power between 11 and 52 V. Exceptional XY stereo recordings may be achieved using two MCE 530 microphones with the adjustable MAV 802 mounting for two microphones.

VERSIONS

MCE 530	Condenser microphone supplied with MKV 109 microphone clamp for shaft diameter of 19-21 mm	Order # 466.387
MCE 530	Stereo Set consisting of 2 matched MCE 530, 2 x MKV 109, 2 x WS 53, stereo bracket and rugged plastic case	Order # 471.941

OPTIONAL ACCESSORIES

BMC 05 FM BLK	Standard microphone cable XLR-XLR, 5 m	Order # 434.787
BMC 10 FM BLK	Standard microphone cable XLR-XLR, 10 m	Order # 434.795
MAV 800	Clip for hanging mounting of microphones	Order # 448.133
MAV 802	Multi-purpose mounting for two microphones	Order # 453.323
WS 53	Wind screen for MCE 530, charcoal-grey	Order # 436.607

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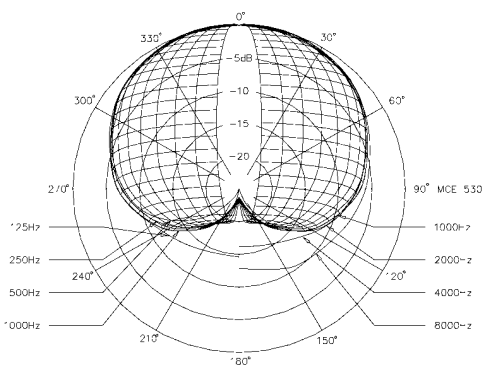
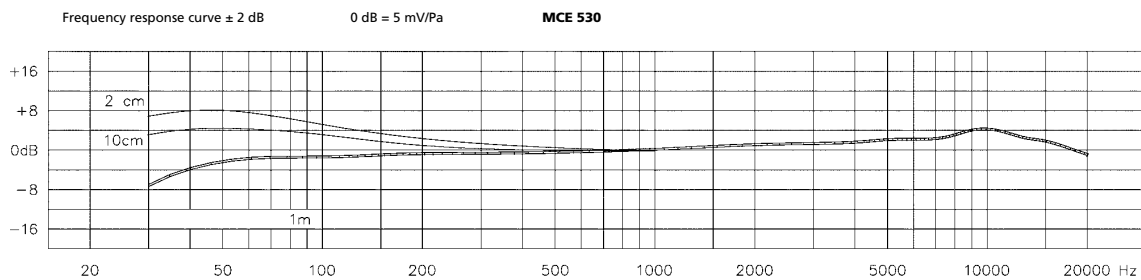
TECHNICAL SPECIFICATIONS

(measured at 48 V phantom power)

Transducer type	Condenser (back electret)	
Operating principle	Pressure gradient	
Frequency response	30 - 20,000 Hz	
Polar pattern	Cardioid	
Open circuit voltage at 1 kHz (0 dB = 1 V/Pa)	5 mV/Pa = -46 dBV	
Nominal impedance	200 Ω	
Load impedance	> 1000 Ω	
Max. SPL at 1 kHz	136 dB (at 48 V phantom power) 126 dB (at 12 V phantom power)	
S/N ratio rel. to 1 Pa	64 dB	
A-weighted equivalent SPL	22 dB	
Supply voltage	11 - 52 V phantom power (recommended phantom power: 48 V)	
Current consumption	< 6 mA	
Connection	3-pin XLR, male	
Dimensions	Length:	100 mm
	Diameter:	19.5 mm
Weight without cable	36 g	

FREQUENCY RESPONSE & POLAR PATTERN

This frequency response curve (measuring tolerance ± 2 dB) and polar pattern correspond to a typical production sample for this microphone.



WIRING DIAGRAM

