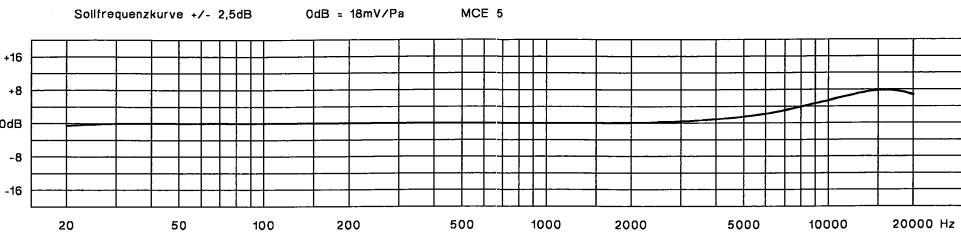
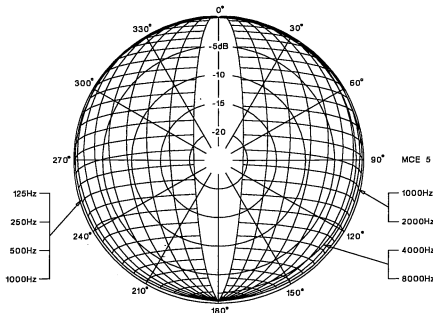


Frequenzkurve • Frequency response curve • Courbe de fréquence

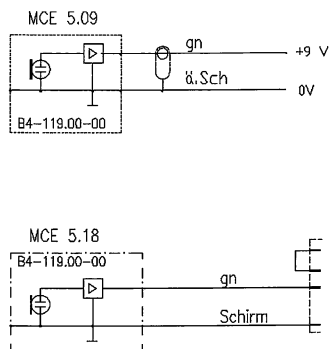
Daten • Specifications • Specifications



Richtdiagramm • Polar Pattern • Directivité



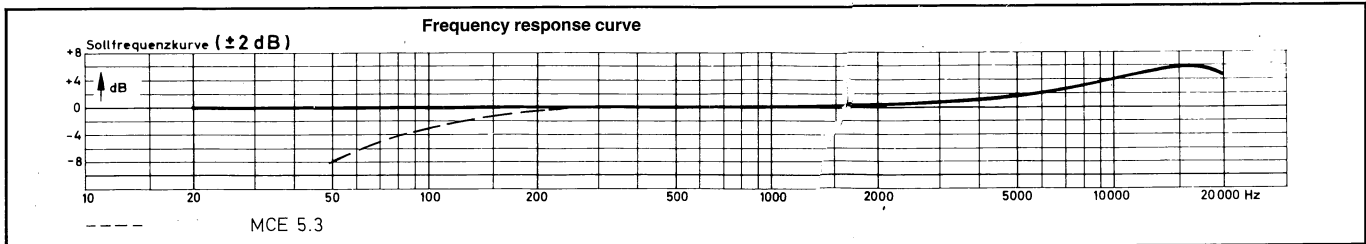
Schaltbild • Wiring diagram • Diagramme de câblage



Deutsch
Wandlerprinzip..... Kondensator (Back-Elektret)
Arbeitsprinzip..... Druckempfänger
Übertragungsbereich..... 35 - 20.000 Hz
Richtcharakteristik..... Kugel
Feldleiterlaufübertragungsfaktor
bei 1 kHz (0 dB = 1 V/Pa)..... 18 mV/Pa (+6 dB)
Nennimpedanz..... 200 Ω sym.
Nennabschlusimpedanz..... $\approx 1000 \Omega$
Grenzschalldruckpegel bei 1 kHz..... 122 dB
Geräuschspannungsabstand bez. 1 Pa..... 60 dB
A-bewerteter
Äquivalentschalldruckpegel..... 26 dB
Versorgungsspannung..... 1,5 bis 10 V
Abmessungen..... Länge: 26 mm
Schäft $\varnothing$: 7 mm
Länge des Anschlusskabels..... 1,35 m
Daten für MCE 5 hängen von der kundenseitigen Anschlussbeschaltung ab.

English
Transducer type..... Condenser (back electret)
Operating principle..... Pressure
Frequency response..... 35 - 20,000 Hz
Polar pattern..... Omnidirectional
Open circuit voltage
at 1 kHz (0 dB = 1 V/Pa)..... 18 mV/Pa (+6 dB)
Nominal impedance..... 200 Ω sym.
Load impedance..... $\approx 1000 \Omega$
Max. SPL at 1 kHz..... 122 dB
S/N ratio rel. to 1 Pa..... 60 dB
A-weighted equivalent SPL..... 26 dB
Supply voltage..... 1.5 - 10 V
Dimensions..... Length: 26 mm
Shaft $\varnothing$: 7 mm
Cable length..... 1.35 m
The specs for the MCE 5 depend on the connector the customer will use.

Français
Type de transducteur..... Condensateur (électret)
Principe de fonctionnement..... Pression
Bande passante..... 35 à 20.000 Hz
Directivité..... Omnidirectionnelle
Efficacité en champ libre
à 1 kHz (0 dB = 1 V/Pa)..... 18 mV/Pa (+6 dB)
Impédance nominale..... 200 Ω sym.
Impédance de charge..... $\approx 1000 \Omega$
Pression sonore max. à 1 kHz..... 122 dB
Rapport signal/bruit..... 60 dB
Pression sonore pondérée A..... 26 dB
Alimentation..... 1,5 - 10 V
Dimensions..... Longueur: 26 mm
Corps $\varnothing$: 7 mm
Longueur du câble..... 1,35 m
Les spécifications dependent de la fiche.



This frequency response curve corresponds to typical machine run specifications from a standard MCE 5.

SPECIFICATIONS

Model	MCE 5, MCE 5.3	MCE 5.4, MCE 5.6	MCE 5.1, MCE 5.11	MCE 5.5
Operating principle	electret condenser	electret condenser	electret condenser	electret condenser
Polar pattern	omnidirectional	omnidirectional	omnidirectional	omnidirectional
Frequency response	20 - 20,000 Hz	20 - 20,000 Hz	20 - 20,000 Hz	20 - 20,000 Hz
Sensitivity at 1 kHz	7 mV/Pa	14 mV/Pa	14 mV/Pa	7 mV/Pa
Output level (0 dBm $\triangleq$ 1 mW/Pa)	- 48 dBm	- 36 dBm	- 36 dBm	- 50 dBm
EIA sensitivity rating	- 141 dBm	- 129 dBm	- 129 dBm	- 147 dBm
Nominal impedance	800 ohms	200 ohms	200 ohms	$\leq 1,3$ kohms
Load impedance	≥ 3000 ohms	≥ 1000 ohms	≥ 1000 ohms	
Signal to noise ratio	61 dB	61 dB	61 dB	61 dB
Max. SPL at 1 kHz and k ≤ 1 %	116 dB	117 dB	117 dB	116 dB
Operating voltage	9 volts	9 volts	5,6 volts	5 volts
Current consumption	1,3 mA	2,7 mA	1,8 mA	≤ 2 mA
Operating time			approx. 60 h	
Case	brass	brass	brass	brass
Case finish	black chromium plated	black chromium plated	black chromium plated	black chromium plated
Cable length	1.3 m	1.3 (MCE 5.11 : 3 m)	3 m	1.3 m
Connector	6 pin (MCE 5/10 : 8 pin) male DIN connector	see Wiring Diagramm	2-conductor jack 6.35 mm, built-in battery	special connector for Nagra SN

Dimensions

Weight

Models

MCE 5
MCE 5.3
MCE 5.4

MCE 5.5
MCE 5.6
MCE 5.8
MCE 5.9
MCE 5.1N(K)

MCE 5.11N(C)

MCE 5.13
MCE 5.14
MCE 5.14 S

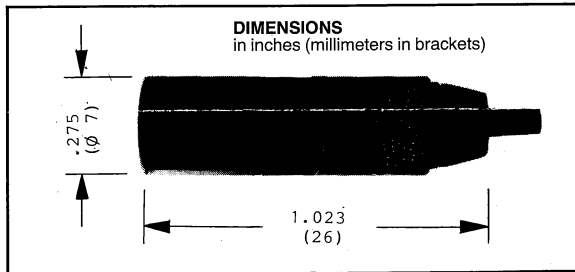
length 23 mm
diameter without windscreen 7 mm
diameter with windscreen 10.6 mm
6,5 g with clip-on clasp and windscreen (w/o. cable and connector)

Bass roll-off
Same as MCE 5, but higher sensitivity. In conjunction with MA 5 T 12 N(C).1 adapter recommended for Nagra and Stellavox tape recorders.
For direct interface with Nagra SN model.
Same as MCE 5.4, for direct interface with Stellavox and Nagra tape recorders.
For direct interface with Micron TX 101 and TX 102.
Same as MCE 5, but length of cable 3 m, free ends.
Same as MCE 5.4, but length of cable 3 m, 2-conductor jack 6.35 mm which houses a battery to power the MCE 5.
Same as MCE 5.4, but length of cable 3 m, 3-pin male Cannon XLR or equivalent which houses a battery to power the MCE 5.
With switch in "Off"-position for direct connection to a 12 to 48 volts phantom line.
For direct interface with Sony WRT 27.
For direct interface with TS 42.10...30
Same as MCE 5.14, but with ON-OFF-switch.

FURNISHED ACCESSORIES **

package	leatherette box with foam insert
mesh windscreen	WS 5
metal clasp	MKV 5/1

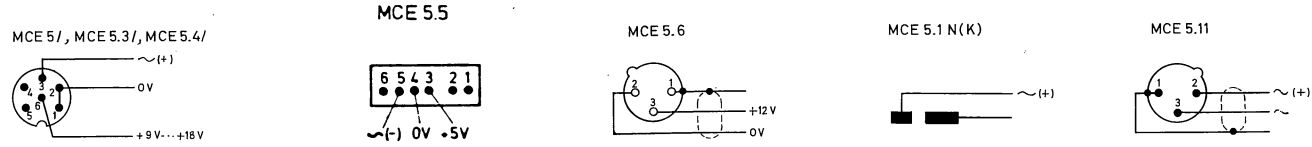
** may vary in its composition



OPTIONAL ACCESSORIES

Battery	MES 5 V N for MCE 5, MCE 5.3, MCE 5.4,
power supply:	output three-pin male DIN connector MES 5 V N(C) for MCE 5, MCE 5.3, MCE 5.4, output three-pin Cannon XLR male connector or equivalent.
Expansion mount:	MGH 5 for strings, MAG 5 resp. MAG 5.1 for acoustic guitars, MFH 5 for flute, MTH 5 for trumpet, MSH 5 resp. MSH 5.1 for cymbal
Adapter:	MA 5 P 48 N(C) for direct connection of the MCE 5, MCE 5.3, MCE 5.4 to a 48 volts phantom line three-pin Cannon XLR male connector or equivalent at the equipment end. MA 5 T 12 N(C) to connect the MCE 5.4 to a 12 V A-B power source, three-pin Cannon XLR male connector or equivalent at the equipment end. MA 5 T 12 N(C).1 to adapt the MCE 5.4 to Nagra- and Stellavox tape recorders, three-pin Cannon XLR female connector or equivalent at the equipment end.
Metal clasp:	MKV 5/2 for two MCE 5.
Needle holder:	MSV 5/1 for one resp. MSV 5/2 for two MCE 5.

WIRING DIAGRAM



subject to change without notice

beyerdynamic



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