Miniature Lavalier Condenser Microphone

FEATURES
- Extended frequency response
- Extremely small, unobtrusive design
- Omnidirectional polar pattern, independent of frequency
- High sensitivity
- Light weight
- Available in 2 colours
- Battery or phantom powered

DESCRIPTION
With its small dimensions and its weight of only 1.5 g, the MCE 50 is one of the smallest condenser microphones of its kind. It has the advantage that not only can it be fixed to one's clothes, as is usual, with lavaliere microphones, but it can also be discreetly mounted on one's forehead, as is the custom now in many theatrical productions. The MCE 50 is fixed to your clothing by the supplied clip which is attached to the cable not the microphone body, this helps to reduce cable born noise. Also available is a skin coloured version of the MCE 50, the MCE 51.

APPLICATIONS
Due to its performance and size it can be used without the clip to attach directly to face or hair - ideal for certain theatrical, TV and film applications.
FREQUENCY RESPONSE CURVE (± 2.5 dB)

SPECIFICATIONS
MCE 50.11/MCE 50.15

- Operating principle: Pressure gradient microphone
- Polar pattern: Omnidirectional
- Frequency response: 25-18,000 Hz
- Open circuit voltage: 12 mV
- Nominal output impedance: ≤ 200 Ω
- Load impedance: ≥ 1 kΩ
- Max. SPL for THD: 120 dB/MCE 50.11, 123 dB/MCE 50.15
- Signal-to-noise-ratio: approx. 15 µVs
- Signal-to-noise-ratio referred to 1 Pa: approx. 58 dB
- A-weighted equivalent SPL: approx. 28 dB
- Supply voltage: int. 5.6 V battery/MCE 50.11, ext. 12-48 V Phantom
- Current consumption battery: approx. 1.8 mA/MCE 50.11
- Current consumption phantom: approx. 4.8 mA/MCE 50.11
- Symmetry: approx. 3.4 mA/MCE 50.15
- Batteries: Positive on pin 2
- Battery capacity: Varta No. 4023 same with PX 23/MCE 50.11
- Battery life: approx. 60 h/MCE 50.11
- Filter: Black: Durethan BKV 30
- Skin colouring: Hostafon
- Cables: Black or skin coloured (MCE 51)
- Cable length: 3 m/MCE 50.11/1.35 m/MCE 50.15
- Weight: 1.5 g

MCE 50.11 as MCE 50 but skin coloured.
Version MCE 50.14, MCE 51.14 special versions to work only together with the CV 15 N (C) L, TS 42 and TS 190.

WIRING DIAGRAMS
Positive pressure produces positive voltage on red cable lead (+).

MCE 50.11 N (C) PV

MCE 50.14

MCE 50.15 N (C)

DIMENSIONS
In millimeters (inches in brackets)

FURNISHED ACCESSORIES/ OPTIONAL ACCESSORIES

MCE 50.11 N (C) PV
- Case
- Mic clip

MCE 50.15 N (C)
- Case
- Mic clip
- Battery

- Black, imitation leather
- MKV 50
- Black, imitation leather
- MKV 50 and MVH 5
- Varta No. 4023

Subject to change without notice

Your dealer

beyerdynamic GmbH & Co.
THERESIENSTR. 8 · POSTF. 1336 · D-7100 HEILBRONN
TELEFON (0 71 31) 617-0 · TELEFAX (0 71 31) 6 94 69

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