### beyerdynamic

## **MCE 86**



## Short 'Shotgun' Condenser Microphones

### DESCRIPTION

The MCE 86 short shotgun microphone is an extremely versatile and lightweight product intended for camera mount, fishpole boom or handheld applications in-studio or on-location.

The microphone's condenser element and hypercardioid/lobe polar pattern provides high sensitivity, excellent off-axis rejection and startlingly accurate reproduction of the sound source.

At a weight of 92 grams, the MCE 86 is one of the lightest shotgun microphones available. Its durable construction and non-reflective Nextel <sup>™</sup> finish will provide consistent protection against the rigors of on-location production.

For greater flexibility in the field, the microphone can be fed from any phantom power source generating from 8 to 48 volts. If no phantom power source is available, the battery/phantom powered version MCE 86 N (C) S can be used.

The MCE 86 is also available with two elastic shockmounts: The EA19/25 for fishpole boom applications and an EA86 version with photo connection plug for use with video cameras.

#### **FEATURES**

- High sensitivity
- Excellent off-axis response and rejection
- Rugged yet lightweight design
- Phantom powerable from 8-48 volts
- Battery/Phantom powered version available
- Durable non-reflective Nextel <sup>TM</sup> finish
- Camera or fishpole-boom mountable

#### APPLICATIONS

The MCE 86 is designed to meet the rigors of studio and onlocation assignments for news, sports, industrial, corporate and closed circuit television production applications.

The microphone can be used hand-held, on fishpole booms or can quickly mount on ENG type video cameras.

EUGEN BEYER ELEKTROTECHNISCHE FABRIK GMBH & CO. - D-7100 HEILBRONN

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The microphone shall be a condenser type with a frequency range of 50 - 18.000 Hz. The unit shall have a true hypercardioid/lobe polar pattern. The microphone output shall be -47 dBV when 0 dBV  $\triangleq$  1 V/Pa respectively 4.2 mV/Pa. The microphone shall have a signal - to - noise ratio of 61 dB. Noise voltage shall be 3.8  $\mu$ V<sub>p</sub> and the equivalent "A" - weighted noise level shall be appr. 25 dB. Electrical impedance shall be 190 ohms. The case shall be made of aluminium with a dark grey Nextel <sup>TM</sup> finish. The dimensions shall be eavilable with a Neutrik 3 pin male connector or equivalent. The unit shall be working on any phantom power source of 8 - 48 volts. A version of this microphone shall be available with an internal battery source of 1.5 V, switchable to any phantom power source of 8 - 48 V. The beyerdynamic MCE 86 is specified.

Subject to change without notice.

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