

# MB4k

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Handheld/Stand Cardioid Condenser Microphone

A price/performance leader, the MB4k cardioid condenser microphone is the Midnight Blues Series' introductory studio-quality microphone.

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## Features

A price/performance leader, the MB4k cardioid condenser microphone is the Midnight Blues Series' introductory studio-quality microphone. With a condenser design for studio vocal and instrument applications, the microphone features: battery/phantom operation; rugged all-metal construction; soft-touch finish; extended response for smooth, natural sonic characteristics; corrosion-resistant contacts from gold-plated XLRM-type connector; on/off switch.

- Introductory studio-quality microphone - the clear price/performance leader
- Condenser design for studio-quality vocal and instrument applications
- Extended response for smooth, natural sonic characteristics
- Rugged all-metal construction and on/off switch

- Soft-touch finish for a secure, comfortable grip and reduced mechanical noise
- Battery/phantom operation for maximum versatility
- Corrosion-resistant gold-plated XLRM-type connector

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## Specifications

### Microphones

#### Element

Fixed-charge back plate, permanently polarized condenser

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#### Polar Pattern

Cardioid

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#### Frequency Response

80 - 20,000 Hz

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#### Open Circuit Sensitivity

Phantom: -46 dB (5.0 mV) re 1V at 1 Pa - Battery: -48 dB (3.9 mV) re 1V at 1 Pa

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#### Maximum Input Sound Level

Phantom: 137 dB SPL, 1 kHz at 1% T.H.D. - Battery: 125 dB SPL, 1 kHz at 1% T.H.D.

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#### Dynamic Range

Phantom: 113 dB, 1 kHz at Max SPL - Battery: 101 dB, 1 kHz at Max SPL

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#### Signal-to-Noise Ratio

70 dB, 1 kHz at 1 Pa

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#### Phantom Power Requirements

11-52V DC, 2 mA typical

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#### Battery Type

1.5V AA/UM3

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#### Battery Current/Life

0.4 mA/1200 hours typical

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#### Switches

On/off

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#### Weight

182 g

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#### Dimensions

8.10" (205.7 mm) long, 1.64" (41.7 mm) head diameter

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#### Output Connector

Integral 3-pin gold-plated XLRM-type

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#### Accessories Included

AT8405a stand clamp for 5/8"-27 threaded stands; 5/8"-27 to 3/8"-16 threaded adapter; battery; soft protective pouch

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