

STUDIO-GRADE DYNAMIC INSTRUMENT/VOCAL MICROPHONE



*en*•CORE

100i  
series









## CONGRATULATIONS



From Blue Microphones, makers of the finest studio recording microphones you can find, comes the en•CORE 100i, a studio-grade dynamic microphone designed to deliver exceptional all-around performance, no matter what your application. The en•CORE 100i utilizes a new dynamic capsule with a custom-tuned diaphragm designed specifically to provide a tighter polar pattern that is perfect for miking instruments and other sources requiring high isolation. The en•CORE 100i is also designed to withstand a very high SPL, accommodating even the loudest instruments. A custom circuit with transformer optimizes frequency response with smooth transients for use with drums and amplified instruments and vocals, while a specially-designed grille provides protection from instrument strikes and facilitates mounting in tight spaces, making the en•CORE 100i a versatile addition to the en•CORE family.



## KEY FEATURES

-  **Studio-Grade Dynamic Instrument Microphone**
-  **Specially-designed and tuned dynamic element with custom diaphragm, venting design, and coil windings**
-  **Custom-tuned acoustic circuit with transformer**
-  **Tuned-volume, low profile grille with integrated vents**
-  **Rugged construction with reinforced grille and integrated guard ring to protect against instrument hits**
-  **Matte nickel-plated unibody grill with laser-engraving & custom-painted logo**
-  **Matte grey, smooth finish barrel for low profile mounting**
-  **Includes soft-grip microphone clip and soft-lined storage pouch**

## TIPS FOR USING YOUR EN•CORE 100i

Your en•CORE 100i should be plugged into a mic-level input using a standard 3-pin XLR cable. The en•CORE 100i does not require phantom power and will not be harmed should phantom power be provided to the microphone while in use.

The sound from your en•COREi microphone heavily relies on how you place the microphone relative to your sound source. Generally, the closer you place the en•CORE 100i to a sound source, the higher the low frequency output, referred to as "proximity effect." So, if you want your instruments or vocals to have added punch, place the microphone directly against the source. For a more natural sound, simply pull the source back from the microphone 2-4 inches. For more tips on microphones and recording, be sure to visit [www.bluemic.com](http://www.bluemic.com).

## CARE INSTRUCTIONS

The en•CORE 100i's metal plated finishes will provide years of service and good looks if properly cared for. To clean your en•CORE 100i, simply wipe down with a damp cloth. Use of harsh cleaners or abrasives may cause damage to your en•CORE's surface finish.

The en•CORE 100i was designed for the rigors of daily use, and will stand up to demanding live performance or recording environments. We know performances can get pretty intense out there, but try to avoid excessive physical abuse or moisture exposure to the microphone — failure to do so could impact sound quality or reliability of your en•CORE microphone.

## TECH SPECS

Transducer 🌀 **Dynamic Moving Coil**

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Polar Pattern 🌀 **Cardioid**

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Frequency Response 🌀 **50Hz — 16kHz**

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Maximum SPL 🌀 **154 dB SPL**

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Output Impedance 🌀 **150 ohms**

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Sensitivity 🌀 **1.1 mV/Pa**

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Dimensions—Length 🌀 **6.9in**

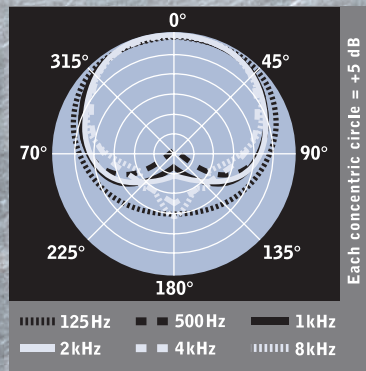
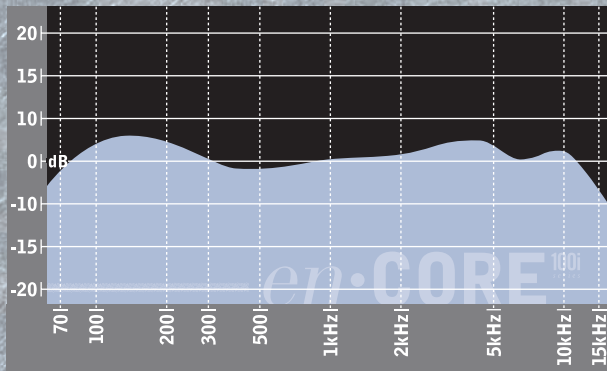
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Dimensions—Diameter 🌀 **0.92in Min / 1.84in Max**

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Weight 🌀 **0.88lb**

## en•CORE 100i FREQUENCY RESPONSE & POLAR PATTERNS



*These charts are only a starting point for the sound provided. How the microphone reacts in a particular application will differ greatly because of many variables, like room acoustics, distance from sound source (proximity), tuning of instruments, mic cabling and other factors. For more tips on miking and recording techniques, check out the Blue website.*

## ARCHITECTS SPECIFICATIONS

The microphone shall be of the dynamic moving coil transducer type with the transducer operating in a cardioid polar pattern. The frequency response shall be 50Hz–16kHz. The microphone output impedance shall be 150 ohms. The microphone should have a sensitivity of 1.1mV/Pa with a max sound pressure level of 154. The microphone shall be 175mm/6.9in in length, and 23.3mm/0.92in(46.9mm/1.84in max)in diameter and weigh 0.88 lbs/0.4 kg. The microphone shall be an en•CORE 100i.

## ACCESSORIES

Included:

- en•CORE Soft-Grip Microphone Clip
- en•CORE Soft-Lined Storage Pouch

Check out [www.bluemic.com](http://www.bluemic.com) for additional accessories and replacement parts for your en•CORE Series Microphone.



## WARRANTY

Blue Microphones warrants its hardware product against defects in materials and workmanship for a period of TWO (2) YEARS from the date of original retail purchase, provided the purchase was made from an authorized Blue Microphones dealer. This warranty is void if the equipment is altered, misused, mishandled, maladjusted, suffers excessive wear, or is serviced by any parties not authorized by Blue Microphones. The warranty does not include transportation costs incurred because of the need for service unless arranged for in advance. Blue Microphones reserves the right to make changes in design and improve upon its products without obligation to install these improvements in any of its products previously manufactured. For warranty service or for a copy of Blue's Warranty Policy including a complete list of exclusions and limitations, contact Blue at 818-879-5200.

In keeping with our policy of continued product improvement, Baltic Latvian Universal Electronics (BLUE) reserves the right to alter specifications without prior notice.



Designed in USA. Made in China.



Microphones

[www.bluemic.com](http://www.bluemic.com)

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