# Capture-KMC20 I

## Ultra-slim line-array microphone featuring PAT™

Microphones



## Description

The Capture KMC20 MKI combines upgraded capsules, a built-in preamp, and a 3D-printed steel structure to deliver clearer speech, greater stability, and easier installation.

Featuring an 8 x 4 mm electret condenser cardioid array, it ensures focused voice pickup with a frequency response of 65 – 15000 Hz (-6dB), 105 dB SPL max input level, and -37 dBV sensitivity. Its integrated XLR cable and new mounting base streamline setup while maintaining compatibility with the horizontal rubber option.

With 36–52 V phantom power and a durable ultra-black ruthenium-plated brass case, the MKI enhances performance, reliability, and overall system value for modern architectural audio environments.

## Features

· Transducer Type: 8 × 4 mm electret condenser
· Polar Pattern: Cardioid array
· Frequency Response: 65 – 15000 Hz (-6dB)
· Sensitivity (@1 kHz): -37 dBV ±4 dB
· Phantom Supply Voltage: 36 – 52 Vdc (pins 2 and 3)
· Connector: 3-pin XLR input connector, female
· Material: Ultra-black Ruthenium-plated brass
· Dimensions (W × D × H): 6 × 6 × 226 mm

## Available Finishe

- 3D-printed 316 stainless steel

Datasheet

K-ARRAY

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## Technical Specifications

| | |
|---|---|
| Type | Line array microphone |
| Capsule | 8 x 4mm electret condenser |
| Frequency Response | 65 – 15000 Hz (-6dB) |
| Max Input Sound Level | 105 dB SPL (1 kHz, 10% THD) |
| Sensitivity | (@ 1kHz): -37dBV ±4dB |
| Signal to Noise Ratio | (@ 1kHz-1Pa A-weighted curved): 55dB |
| Polarity[1] | Pin 2 = positive (+), Pin 3 = negative (–) |
| Current consumption | 7mA |
| Polar pattern | Cardioid array |
| Connectors | 3-pin XLR female (input) |
| Phantom Supply Voltage | 36 to 52 Vdc, (+) pins 2 and 3 |

## Handling & Finishes

| | |
|---|---|
| Material | 3D-printed 316 stainless steel |
| Dimensions (WxHxD) | 250 mm x 0,6 mm (9.843 x 0.024 inch) |
| Weight | 0,032 kg (0,07 lb) |

1. Referred to the XLR connector of the included preamplifier

All product components are designed and custom-made by K-array's R&D department, adhering to the company's stringent quality control standards.