

# EIKON

## EK100BM

**LOW PROFILE CONDENSER  
BOUNDARY MICROPHONE**  
USER'S MANUAL



ENGLISH

## General

Low profile condenser phantom powered boundary microphone.

This elegantly shaped microphone has an extended and flat frequency response.

It is available in black and can be used on a table or flat surfaces.

It features a mini -XLR output connector and it's supplied with an XLR terminated cable.

Product complies with CE regulations 

## Precautions

- Before installing this unit please read carefully these instructions, and keep this owner's manual for future reference.
- **WARNING:** improper installation could irreparably damage the unit.
- Be careful that unit operation may not cause damage to people.
- Place the unit in a location protected from weather and far from water and moisture.
- Don't place this unit close to heat sources (radiators, spotlights, amplifiers etc.).
- Avoid any liquid entering inside the unit.

No user-serviceable parts inside.

Refer servicing to an authorized maintenance centre only.

## Installation

1. Being careful about mounting direction, insert the mini XLR connector on the rear EK100BM microphone.
2. Connect microphone base to an external unit (mixer, amplifier, etc.) using supplied cable. If the external unit microphone input can supply Phantom power, apply it to this microphone by switching Phantom power on

Note: before connecting the microphone to the external unit, it must be turned off and with its volume settings at minimum.

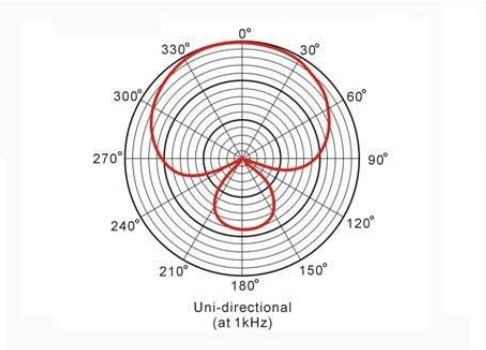
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## Operating Suggestions

- If the microphone is placed too close to speaker, it could generate feedback (Larsen effect). Avoid placing the microphone too close to the speaker and avoid orienting its capsule toward the speaker. If, despite these practices, you hear feedback, please lower speaker volume.
- Due to the microphone's very high sensitivity, be careful the microphone isn't dropped and avoid shock, as it could be damaged.
- In order to maintain sensitivity and performance, avoid exposing the microphone to moisture or high temperatures.

## Specifications

Model	EK100BM
Element	Back Electrode Condenser
Polar Pattern	Uni-directional
Frequency response	60Hz-16kHz
Sensibility	-48dB±3dB (0dB=1V/Pa @ 1kHz)
Output impedance	600 ohms
Max Input SPL	105 dB (at 1kHz<1% T.H.D.)
S/N ratio	67 dB (1kHz @ 1Pa)
Operate Voltage	9V-48V DC
Cable length	10 m
Weight (Kg)	0,25 without cable
Dimension	75 x 100 x 20 mm
Color	Black



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