

MICROPHONE / GOOSENECK MICROPHONE / CONDENSER

# MICFLEX-C45LED

UNIDIRECTIONAL ELECTRET CONDENSER MICROPHONE WITH LED RING

BASE WITH INTERNAL  
PREAMP CIRCUITDIVERSE RANGE  
MODULAR DESIGN

HIGH SNR



HIGH SPL



LED RING

CONDENSER  
UNIDIRECTIONAL  
ELECTRET CONDENSERWIDE FREQUENCY  
RESPONSE

- ✓ Crystal clear voice pick-up
- ✓ Adaptable to XLR microphone sockets (with preamplifier circuit)
- ✓ Operation light ring.



+ Info:

<https://fonestar.com/MICFLEX-C45LED>

ESPECIALLY RECOMMENDED IN:



All sectors

## DESCRIPTION

Unidirectional electret condenser microphone with MICFLEX-C45LED illuminated ring: Precision and clarity in every word

The MICFLEX-C45LED is a unidirectional electret condenser microphone, designed for integration into professional sound systems where high sensitivity and precision are required. With a compact design and a light ring to indicate operation, this microphone is perfect for conferences, presentations, and meetings. Its non-preamplifier capsule guarantees a frequency response from 50 to 20,000 Hz, capturing even the finest details of the voice. In addition, its robust construction and flexibility make it suitable for a variety of applications in demanding environments.

Reliable performance with superior sensitivity

The MICFLEX-C45LED offers several technical benefits that make it stand out in the market:

**Pick-up accuracy:** Thanks to a sensitivity of -42 dB and a maximum SPL of 128 dB, it ensures faithful and clear reproduction even in noisy environments.

**Wide dynamic range:** The dynamic range of 95 dB and a noise equivalent of 33 dB ensure a superior, distortion-free sound quality.

**Visual indicators:** Its LED light ring provides an immediate visual reference of the microphone's status, ideal for professional use situations where it is crucial to know when the microphone is active.

**Resistance in adverse conditions:** With an operating temperature range between -20 °C and 50 °C, the MICFLEX-C45LED is designed to operate in harsh environments.

Why choose MICFLEX-C45LED?

This microphone is ideal for installers and integrators looking for a reliable, durable and high-performance solution.

**Simple connectivity:** Equipped with a 3-pin XLR connector, it allows quick and easy integration into professional sound systems.

**Durability and lightness:** With a weight of only 0.08 kg and a height of 45 cm, it is light enough for easy installation and sturdy enough for everyday use.

**Versatile applications:** The MICFLEX-C45LED adapts to a wide variety of environments, from conference rooms to corporate events, ensuring optimum performance at all times.



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## TECHNICAL CHARACTERISTICS

CAPSULE	Unidirectional electret condenser (without preamplifier circuit)
RESPONSE	50-20.000 Hz
SENSITIVITY	-42 dB (V/Pa) at 1 kHz
IMPEDANCE	600 Ohm
SPL MAX	128 dB
EQUIVALENT NOISE	33 dB
DYNAMIC RANGE	95 dB
DISTORTION (THD)	<1 %
SNR	61 dB
POWER SUPPLY	Phantom 3 to 52 V DC
LED INDICATORS	LED power ring
TEMPERATURE	Operating temperature: -20 °C - 50 °C Storage temperature: -25 °C - 70 °C Relative humidity: 0 - 90 %
CONNECTORS	XLR 3-pin male Unbalanced line
HEIGHT	45 cm
WEIGHT	0.08
COMPATIBILITY	MICBASE-P: Desktop bases (with preamplifier circuit) MICBASE-MP: Desktop bases (with preamplifier circuit) MIC-SCF-D: Conference system microphone MIC-SCF-P: Conference system microphone



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