

SYSTEMS AND CONTROL / VOICE OVER IP / MICROPHONES

MICFLEX-C45-B

UNIDIRECTIONAL ELECTRET CONDENSER GOOSENECK MICROPHONE FOR THE MOD. AIP-1020



PHANTOM
9 to 52 V DC

CONDENSER
UNIDIRECTIONAL
ELECTRET CONDENSER



- ✓ Crystal clear voice pick-up
- ✓ Adaptable to micro XLR bases
- ✓ Great maximum SPL



+ Info:
<https://fonestar.com/MICFLEX-C45-B>

ESPECIALLY RECOMMENDED IN:



All sectors

DESCRIPTION

Unidirectional electret condenser microphone for IP audio system AIP-1020

The MICFLEX-C45-B is a unidirectional electret condenser microphone designed exclusively for use with the AIP-1020 IP audio system. With a 45 cm flexible tube, this microphone ensures accurate and clear voice pick-up in public address and IP communication applications, providing a reliable solution for integrators and installers.

Clear and crisp voice pick-up in IP applications

- Exclusive compatibility: The MICFLEX-C45-B has been developed to operate specifically with the AIP-1020 IP audio system, ensuring seamless integration and optimum performance in public address installations.
- Pick-up accuracy: Equipped with a unidirectional condenser capsule, this microphone offers a frequency response of 50 Hz to 20 kHz and a sensitivity of -35 dB, ensuring clear and accurate sound reproduction.
- High durability: Designed to withstand demanding environments, the MICFLEX-C45-B operates in a temperature range of -20°C to 50°C and withstands up to 90% relative humidity, ensuring it can withstand harsh conditions.

Why choose MICFLEX-C45-B?

The MICFLEX-C45-B is the ideal solution for professionals who require a rugged and accurate microphone, designed exclusively to work with the AIP-1020 system. Its 3-pin XLR connection, together with 9 to 52 V phantom power, ensures easy installation and professional audio performance. In addition, with a light weight of only 0.10 kg, it offers convenience and ease of operation, while maintaining a high standard of sound quality in all IP communication applications.

TECHNICAL CHARACTERISTICS

| | |
|------------------|-----------------------------------|
| CAPSULE | Unidirectional electret condenser |
| RESPONSE | 50-20,000 Hz |
| SENSITIVITY | -35 dB (V/Pa) at 1 kHz |
| IMPEDANCE | 800 Ohm |
| SPL MAX | 128 dB |
| EQUIVALENT NOISE | 33 dB |



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| | |
|---------------|---|
| DYNAMIC RANGE | 95 dB |
| THD | <1 % |
| SNR | 61 dB |
| POWER SUPPLY | Phantom 9 to 52 V DC |
| TEMPERATURE | Operating temperature: -20 °C - 50 °C Storage temperature: -25 °C - 70 °C Relative humidity: 0 - 90 % |
| CONNECTORS | XLR 3-pin male Balanced line |
| HEIGHT | Total: 45 cm with tube and flexo |
| WEIGHT | 0.10 kg |
| COMPATIBILITY | AIP-1020: Microphone for Audio over IP |

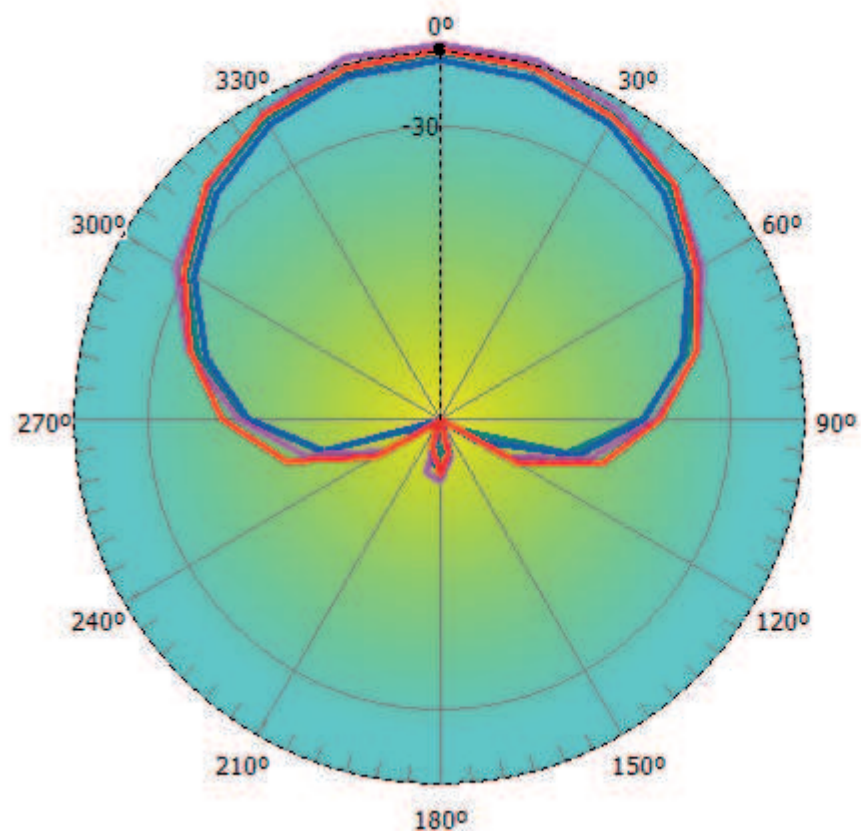


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Output Response(Test Mic) - Input1

500Hz 1kHz 2kHz 4kHz



Cursor values

Frequency : 500Hz

Magnitude : -24.946 dB/1 V

Angle : 0 Deg.

Product:
MICFLEX-C45-B
Polar Diagram

Date: 2025-01-09

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www.fonestar.es