

# Array Microphone

## 78210-C Data Sheet

The Array Microphone provides corridor-type audio pickup area, which are greatly improved in relation to the "heart type" pointing characteristics of the goose neck microphone, so that the speaker can move in a wider range, while the sound quality and volume are not affected. The Array Microphone can be connected to any phantom powered microphone mixer.

The microphone comes pre-mounted on a specialized ceiling-mounting plate, optimized for maximum sound quality and ease of installation. The '-P' version of this product package also includes a 1-foot XLR cable to quick, seamless installation & cabling.

### Available Versions:

- 78210-C: Includes array microphone & ceiling-mounting plate
- 78210-P: Includes array microphone, ceiling-mounting plate, and 1-foot XLR cable

### Features:

- Enjoy a freely-speaking experience with establishment of a personal pick-up sound area
- Unique, modern design with touch button and contoured profile
- Communicate without hindrance thanks to compact, no-gooseneck design
- Easily adjust gain as needed for easy, installation-specific setup
- Optimized for clear, crisp audio from an unobtrusive ceiling-mounted position
- Shipped fully functional and rigorously tested



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## 78210-C Technical Specifications

<b>Microphone Type</b>	Array microphone
<b>Polar Pattern</b>	Corridor
<b>Control</b>	Touch button for On/Off
<b>Frequency Response</b>	30 ~ 18000 Hz
<b>Optimal Distance from Speaker</b>	60 ~ 80 cm
<b>Open-Circuit Voltage at 1kHz</b>	~200 mV/Pa
<b>Output Level with Selector</b>	0dB, -5dB, -10dB, -20dB
<b>Nominal Impedance</b>	200 $\Omega$
<b>Load Impedance</b>	> 1 k $\Omega$
<b>Signal-to-Noise Ratio (SNR) relative to 1 Pa</b>	60 dB
<b>Total Harmonic Distortion (THD)</b>	< 0.1%
<b>Voltage Supply</b>	Phantom powering 48V $\pm$ 4V to 6.8k $\Omega$ Supply Impedance 24V $\pm$ 4V to 1.2k $\Omega$ supply impedance
<b>Power Consumption</b>	11mA
<b>Connection</b>	3-pin XLR
<b>Temperature</b>	14 ~ 122°F (-10 ~ 50°C)
<b>Dimensions</b>	12" (305mm) x 1.6" (42mm) x 1.8" (45mm)
<b>Product Weight</b>	1.5" (0.7kg)

Specifications are subject to change without notice