Microphone
CMX200

AUDAC

PROFESSIONAL AUDIO EQUIPMENT

CMX200 Convention system microphone

User Manual & Installation Guide

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Before connecting or installing this product, first read these instructions carefully

Introduction

The Audac CMX200 microphone is a cardioid back electret conference microphone, primarily designed for speech and vocal pickup.

The CMX200 can be mounted on lecterns or conference tables, or be used with the APM microphone base.

The tiny size of the microphone pipe, ensures minimum visibility, and maximum audibility.

Features

- High quality back electret condenser capsule
- Wide dynamic range and frequency response.
- 360° revolving structural design
- Easy fit foam windscreen

Installation

1. Aim the microphone toward the desired source (person or group of persons), and away from any unwanted source, such as a loudspeaker.

2. Place the tip of the microphone within 15 to 30 cm (6 to 12 inch) of the desired source.

3. Always use the supplied foam windscreen to control breath noise.

Technical specifications

Type	Back electret microphone
Polar pattern	Cardioid (see figure 1)
Frequency response	50 Hz ~ 16 kHz (see figure 2)
Sensitivity	-40 dB ±3 dB (0 dB = 1V/Pa @ 1 kHz)
Impedance	250 Ohm ±30% (@ 1 kHz)
Load Impedance	1250 Ohm
Equivalent noise level	21 dBA
Maximum SPL	135 dB (THD 0.5% 1000 Hz)
Signal-to-noise ratio	72 dB
Dynamic range	113 dB
Power supply	Phantom Power 16—52 V DC
Current Consumption	3.5 mA
Output connector	3 pin XLR connector Gold plated
Colour	Dark grey
Dimensions	138 mm x 110 mm x 350 mm
Weight	Approx. 750 gr.
Accessories included	Foam windscreen

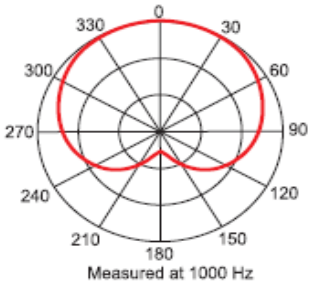

Figure 1 : Polar pattern

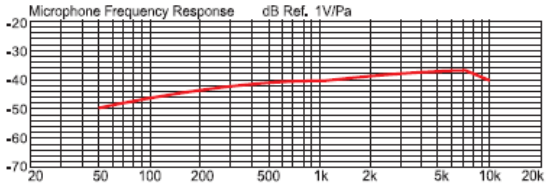

Figure 2 : Frequency response

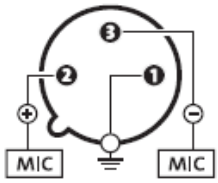

Figure 3 : Wiring diagram

CE

Eligible to bear CE marking. Conforms to European EMC Directive 89/336/EEC. Meets applicable tests and performance criteria in European standard EN 55103 (1996) parts 1 and 2, for residential (E1) and light industrial (E2) environments.