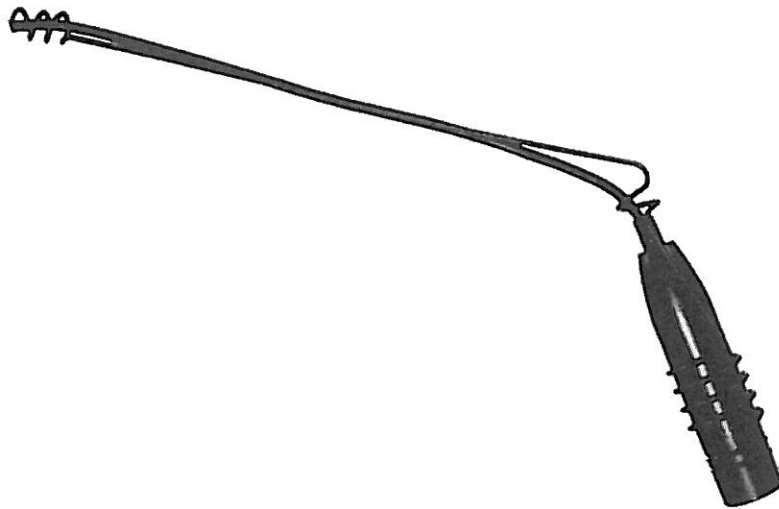


CMX380

PROFESSIONAL AUDIO EQUIPMENT

CMX380 Hanging condenser microphone



USER GUIDE

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General

The Audac CMX380 microphone is a back electret cardioid condenser microphone, designed for vocal and instrument pickup.

The CMX380 can be used for suspension above choirs or instrumental groups in theater or on stage.

The low profile design and the steel hanger ensure minimum visibility, and maximum gain.

Features

- High quality back electret condenser capsule.
- Wide dynamic range and frequency response.
- Uni-directional (cardioid) polar pattern.
- Superior off-axis rejection for maximum gain.
- Easy fit foam windscreen.

Installation guidelines

1. Mount the microphone, using the supplied steel hanger.
2. Aim the microphone toward the desired source (person or group of persons), and away from any unwanted source, such as a loud-speaker.
3. Always use the supplied foam windscreen to control breath noise.

Specifications

Type	Back electret condenser
Polar pattern	Cardioid (see figure 1)
Frequency response	50 Hz—18 kHz (see figure 2)
Sensitivity	-42 dB $\pm$ 3 dB (0 dB = 1V/Pa @ 1 kHz)
Impedance	200 Ohm $\pm$ 30% (@ 1 kHz)
Load Impedance	Min 1 KOhm
Equivalent noise level	25 dBA
Maximum SPL	130 dB (THD 0.5% 1000 Hz)
Signal-to-noise ratio	70 dB
Dynamic range	113 dB
Power supply	Phantom Power 11—52 V DC
Current Consumption	3.5 mA
Output connector	4 pin mini-XLR connector
Color	Iron grey
Dimensions	Ø 13.5 mm x 55 mm
Weight	Approx. 45 gr.
Accessories included	Foam windscreen, steel hanger

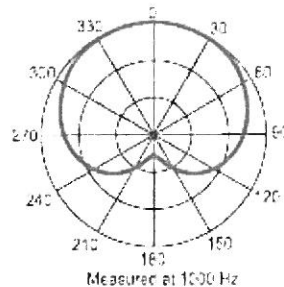


Figure 1 : Polar pattern

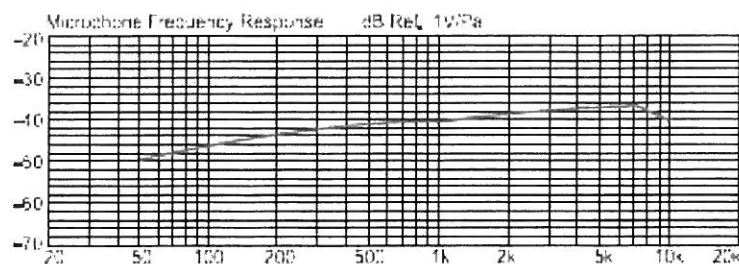


Figure 2 : Frequency response

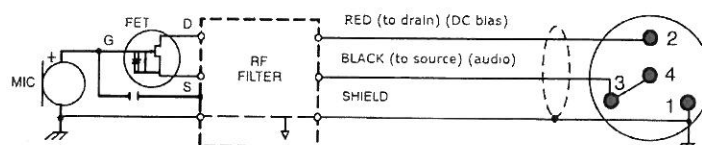
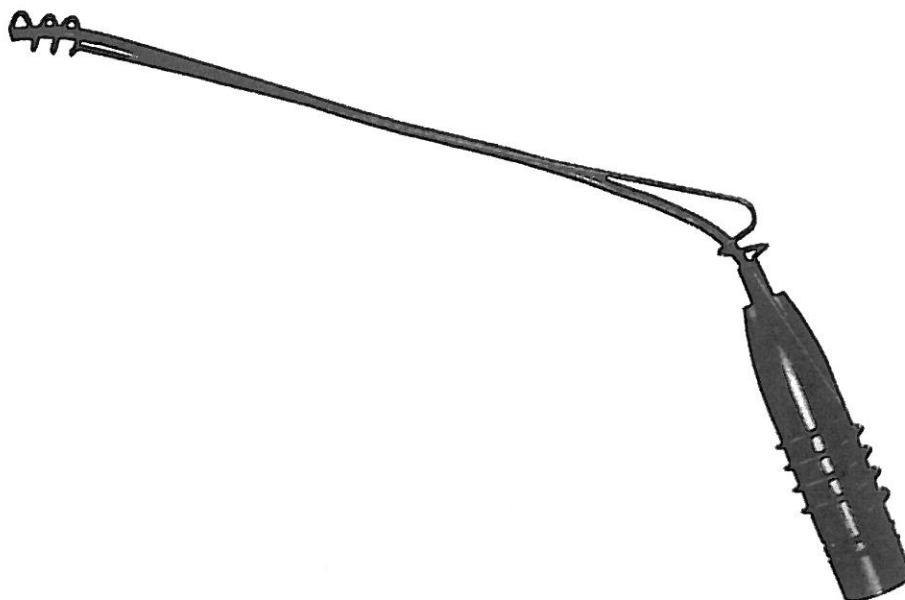
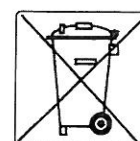


Figure 3 : Wiring diagram



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.