

CMX720 series

AUDAC

PROFESSIONAL AUDIO EQUIPMENT

CMX720 series Mini Headband microphone



Available types :

CMX720BX : Black colour, with 4 pole mini XLR connector

CMX720SX : Skin colour, with 4 pole mini XLR connector

CMX720BJ : Black colour, with 3.5mm mini jack connector

CMX720SJ : Skin colour, with 3.5mm mini jack connector

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.

USER GUIDE

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General

The Audac CMX720 series mini headband microphone is a back electret Omni-directional condenser microphone, designed for vocal pickup.

The CMX720 serie is specially designed as a an ideal product for speech and unrestricted singing.

The unique tiny size makes it comfortable at any occasion, such as dancing and sporty lecturing
With minimal visibility, you almost ignore its existence.

Features

- High quality back electret condenser capsule.
- Flat frequency response and superior EMI suppression.
- Omni-directional polar pattern.
- Easy to wear headband with adjustable boom.
- Easy fit foam windscreen.

Installation guidelines

1. Place the headband around the back of the head.
2. Aim the microphone toward the corner of the speakers mouth. Keep a distance of 12 to 25 mm away from the mouth.
3. Connect the microphone to the appropriate wireless microphone body-pack.
4. Always use the supplied foam windscreen to control breath noise.

Specifications

| | |
|-----------------------|---|
| Type | Back electret condenser |
| Polar pattern | Omni-directional (see figure 1) |
| Frequency response | 20 Hz—20 kHz (see figure 2) |
| Sensitivity | -44 dB \pm 3 dB (0 dB = 1V/Pa @ 1 kHz) |
| Impedance | 1000 Ohm \pm 30% (@ 1 kHz) |
| Maximum SPL | 130 dB (THD 0.5% 1000 Hz) |
| Power supply | 1.5 V—10 V DC |
| Output connector | 4 pin mini-XLR connector (X) 3.5mm mini jack connector (J) |
| Color | Black colour (B) Skin color (S) |
| Dimensions microphone | \varnothing 5.0 mm |
| Dimension cable | \varnothing 1.5 mm x 1.2 m |
| Weight | Approx. 25 gr. |
| Accessories included | Foam windscreen |

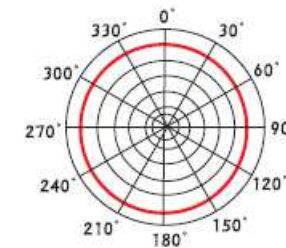


Figure 1 : Polar pattern

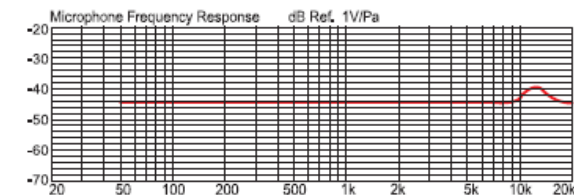


Figure 2 : Frequency response