

Microphone
M86/M87

AUDAC

PROFESSIONAL AUDIO EQUIPMENT
M86/M87 Dynamic Microphone



User Manual

General

The M86 and M87 are professional and reliable super cardioid dynamic microphones which are perfect suited for on stage use.

They are solid constructed with a robust grill to protect the diafragram against rough handling, and are suited for indoor as well as outdoor use.

The high sensitive neodymium element ensures a perfect reproduction of music and speech which will be loved by a wide variation of singers and musicians. This makes them the perfect microphones for performers and instruments.. Due to the unidirectional (supercardioid) polar pattern, the feedback is reduced to a strict minimum.

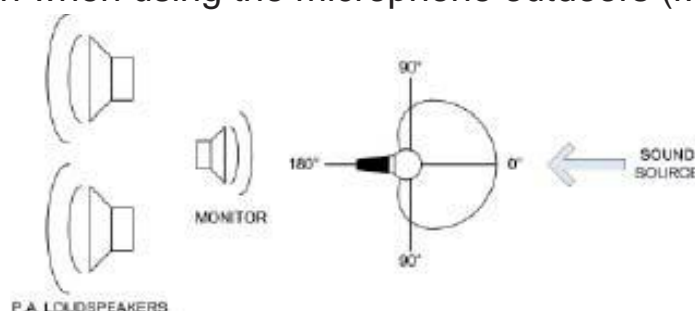
The M86 and M87 are both exactly the same microphones with the same specifications, except the on/off switch which is only provided on the M87.

Features

- Rugged vocal/instrumental microphone
- High quality dynamic microphone capsule
- Super cardioid pick-up pattern with excellent rejection of off-axis sound
- Advanced shock mount system that minimizes transmission of mechanical noise and vibration
- Sturdy metal grill and body
- On/Off switch (M87 only)

General rules for use

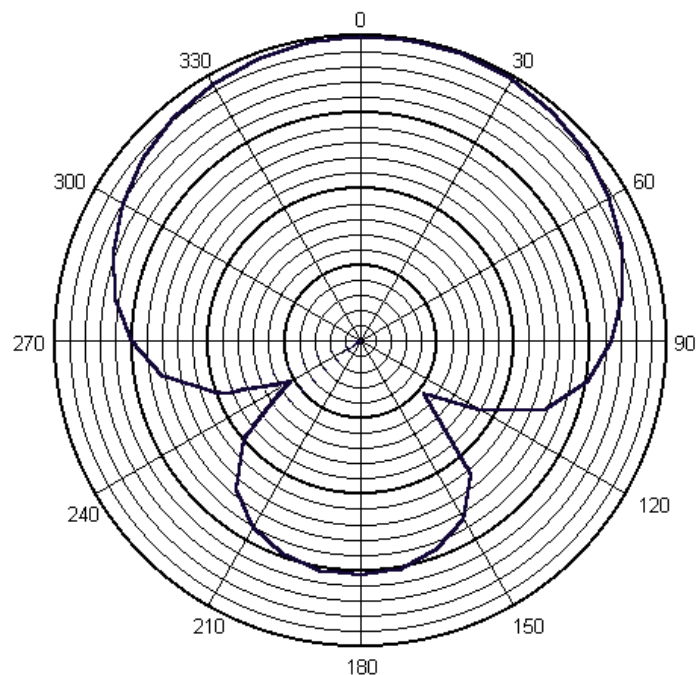
- Aim the microphone toward the desired sound source (talker, singer, instrument) and away from unwanted sources.
- Place the microphone as close as practical and hold it on a constant distance to the desired sound source.
- Work close to the microphone for extra bass response.
- Use only one microphone to pick up a single sound source.
- Use the fewest number of microphones as practical
- Keep the distance between microphones at least three times the distance from each microphone to it's source.
- Place microphones as far as possible from reflective surfaces.
- Add a windscreen when using the microphone outdoors (MC50)



Recommended loudspeaker locations

Specifications

Microphone type	Dynamic
Polar pattern	Super Cardioid
Frequency response	50 Hz - 18 kHz
Sensitivity	-74 dB \pm 3 dB
Impedance	300 Ohm
Magnet	Neodymium
Output connector	3-pin XLR
Dimensions	Ø 51 x 178mm
Weight	360g



Measured at 1000 Hz
Figure 1: Polar pattern

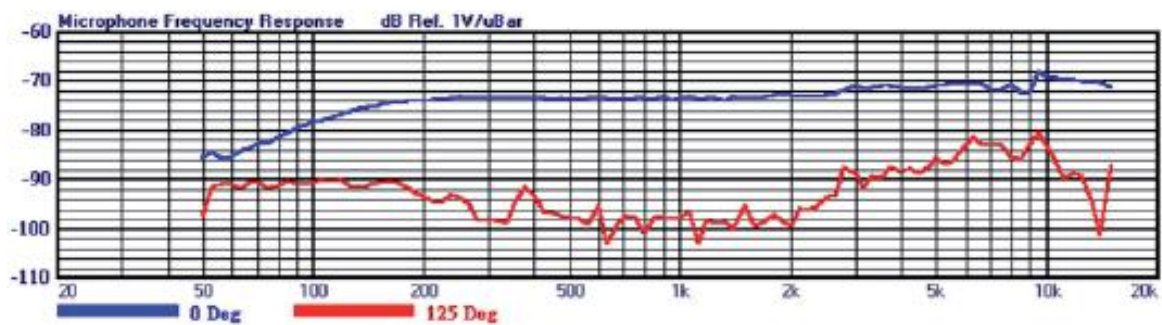


Figure 2: Frequency response

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.