

BM series

OVERHEAD MICROPHONES



BM-112 and BM-113 is designed for ceilings mounting. It is available in two versions. BM-113 has a short flexible gooseneck and is ideal for installations with a low ceiling. Both microphones terminate in a single gang plate for easy installation into a standard electrical box. The BM-112 and BM-113 are suited for applications such as tele/video conferencing, choir miking, distance learning and wherever high quality speech or music reproduction/recording is required. Both microphones have excellent RF shielding effect, which makes the microphones absolutely insensitive to interference from wireless communication devices such as mobile phones.

BM-112 accessories: gooseneck microphone, white, for mounting into the ceiling. (embedded installation/ Depressed socket)
Size: 90mm*86mm

BM-113 accessories: hanging type gooseneck microphone, white, for mounting into the ceiling. (embedded installation/ Depressed socket)
Size: 90mm*86mm

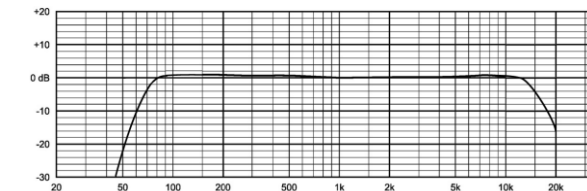
Product Specification

BM-112 Overhead Microphone

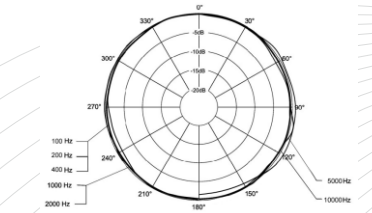


| | |
|-------------------------|------------------------------------|
| Capsule Type | Condenser Omni-directional |
| High Pass Filter | 100Hz, 18dB/octave |
| Frequency Response | 35Hz-18KHz |
| Sensitivity | -32dB, 1V@1Pa |
| Output Impedance | 200Ω |
| Max. Input Sound Level | 130dB, 1KHz@1%T.H.D. |
| Dynamic Range (typical) | 110dB, 1KHz at highest sound level |
| S/N | >68dB, 1KHz@1Pa |
| Phantom Supply | DC12-52V |
| Current Consumption | 8mA (BM-112Typical) |
| Output Connector | 3P fast connector |
| Dimension(mm) | 90(L)×86(W) X35(H) |
| Weight | 95g |
| Colour | White |

This frequency response curve and polar pattern correspond to a typical production sample for this microphone.
(frequency response measurement error: ±2.5dB)



BM-112 Frequency Response 0dB=18 mV/Pa



BM-112 Polar Pattern

Key Features

BM-112 Overhead Microphones

Anti-Interference

- Excellent RF shielding effect, effectively avoiding RF interference.
- BM-112 Omni-directional polar pattern.

Clear Sound Quality

- High-quality speech reproduction.
- High gain-before-feedback.
- Flat and wide frequency response.

Convenient Installation

- Apply to fixing or suspended hanging installation.
- Standard installation or embedded installation.
- Hidden installation design.

BM-113 Overhead Microphones

Anti-Interference

- Excellent RF shielding effect, effectively avoiding RF interference.
- BM-113 Cardioid polar pattern.

Clear Sound Quality

- High-quality speech reproduction.
- High gain-before-feedback.
- Flat and wide frequency response.

Convenient Installation

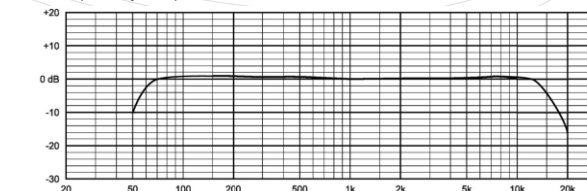
- Apply to fixing or suspend hanging installation.
- Standard installation or embedded installation.
- Hidden design.
- BM-113 flexible gooseneck for optimal positioning.

BM-113 Overhead Microphone

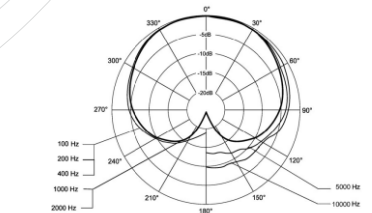


| | |
|-------------------------|------------------------------------|
| Capsule Type | Condenser cardioid unidirectional |
| High Pass filter | 100Hz, 18dB/octave |
| Frequency Response | 35Hz-18KHz |
| Sensitivity | -32dB, 1V@1Pa |
| Output Impedance | 200Ω |
| Max. Input Sound Level | 130dB, 1KHz@1%T.H.D. |
| Dynamic Range (typical) | 110dB, 1KHz at highest sound level |
| S/N | >68dB, 1KHz@1Pa |
| Phantom Supply | DC24-52V |
| Current Consumption | 20mA(BM-113 Typical) |
| Output Connector | 3P fast connector |
| Dimension(mm) | 90(L)×86(W)×153(H) |
| Weight | 95g |
| Colour | White |

This frequency response curve and polar pattern correspond to a typical production sample for this microphone.
(frequency response measurement error: ±2.5dB)



BM-113 Frequency Response 0dB=18 mV/Pa



BM-113 Polar Pattern