

Dynamic Microphone



Features:

- Frequency response tailored for vocals, with brightened midrange and bass roll off.
- Uniform cardioid pickup pattern isolates the main sound source and minimizes background noise.
- Pneumatic shock-mount system cuts down handling noise.
- Effective, built-in spherical wind and pop filter.
- Supplied with break-resistant stand adapter which rotates 180°.
- Legendary shure quality, ruggedness and reliability.

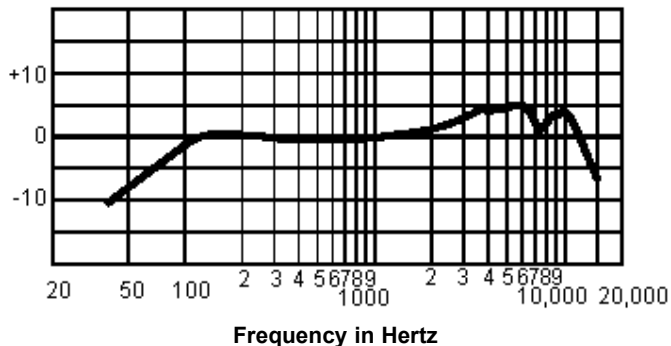
Overview

The Shure SM58[®] is a unidirectional (cardioid) dynamic vocal microphone designed for professional vocal use in sound reinforcement and studio recording. A highly effective, built-in spherical filter minimizes wind and breath "pop" noise. A cardioid pickup pattern isolates the main sound source while minimizing unwanted background noise. The SM58 has a tailored vocal response for a sound which is a world standard. Rugged construction, a proven shock mount system, and a steel mesh grille ensure that even with rough handling, the SM58 will perform consistently. Outdoors or indoors, singing or speech - the SM58 is the overwhelming choice of professionals worldwide.

Specifications:

Type : Dynamic (moving coil)
Frequency response : 50 to 15,000Hz.

Typical Frequency Response



Polar Pattern:

Unidirectional (cardioid), rotationally symmetrical about microphone axis, uniform with frequency.

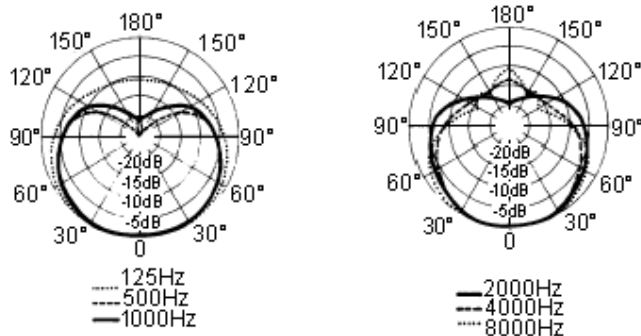
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Typical Polar Patterns



Sensitivity: (At 1000Hz open circuit voltage).

-54.5dBV/Pa (1.85mV).

1Pa = 94dB SPL.

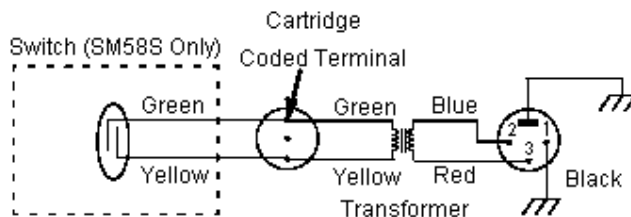
Impedance:

Rated impedance is 150 Ω (300 Ω actual) for connection to microphone inputs rated low impedance.

Polarity:

Positive pressure on diaphragm produces positive voltage on pin 2 with respect to pin 3.

Internal Connections



Connector:

Three-pin professional audio connector (male XLR type).

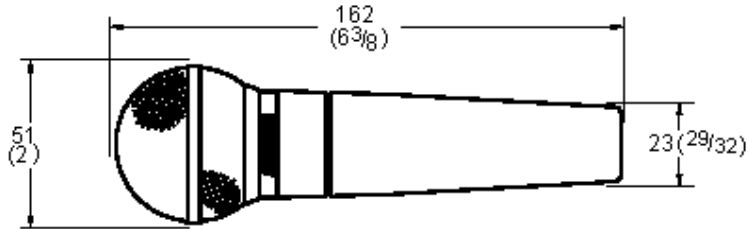
Case:

Dark grey, enamel-painted, die cast metal, matte-finished, silver coloured, spherical steel mesh grille.

Dynamic Microphone



Overall Dimensions



Dimensions : Millimetres (Inches)

Swivel Adapter:

Positive-action, break-resistant, adjustable through 180°, with standard 5/8 inches to 27 thread.

Part Number Table

Description	Part Number
Shure Microphone	MP33511

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