



CARVIN M50 Unidirectional Dynamic Microphone Instructions

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CARVIN

CARVIN ENGINEERING DATA
MODEL UNIDIRECTIONAL DYNAMIC MICROPHONE
INSTRUCTIONS
INTERNAL CONNECTIONS

UNIDIRECTIONAL DYNAMIC MICROPHONE



MODEL CM50

The Carvin M50 is a rugged unidirectional microphone with a highly effective built-in wind and “pop” filter. It is mostly suited for vocals but can also double as an instrument mic. We recommend this microphone to performers who work close to their mics, where high volumes can be obtained without distortion or explosive breath “pop’s”. An excellent choice for club use, rock singers, or any vocalist requiring the best in vocal reproductions. Designed for high end studio recording and broadcast applications.

Microphone Features:

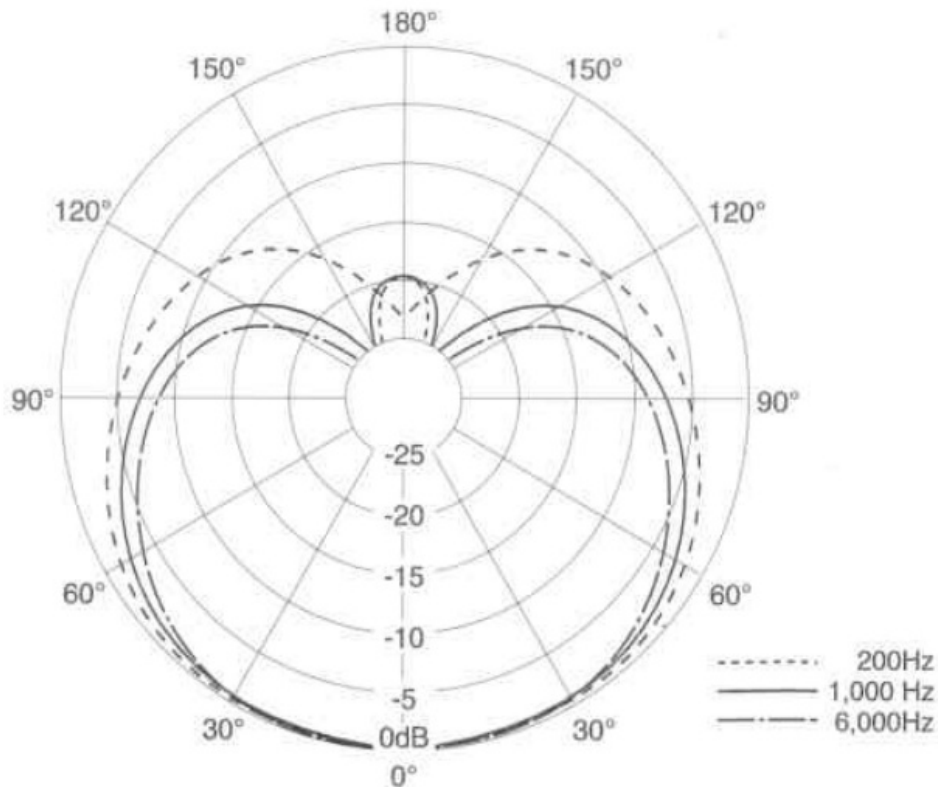
- Bright, clean sound. Especially good for announcing, narration and dialogue, vocal music, and rhythm pickups
- Wind and “pop” filter readily removable for cleaning or replacement
- Unusually effective cardioid pickup pattern to minimize background noise and undesirable effects of studio and location acoustics. Rear and side rejection uniform to very low frequencies and completely symmetrical about microphone axis
- Self-contained spherical filter to control explosive breath sounds (“pop”) and wind noise in outdoor locations
- Cartridge shock-mounted for protection and quiet operation
- On/Off switch

Polar Pattern

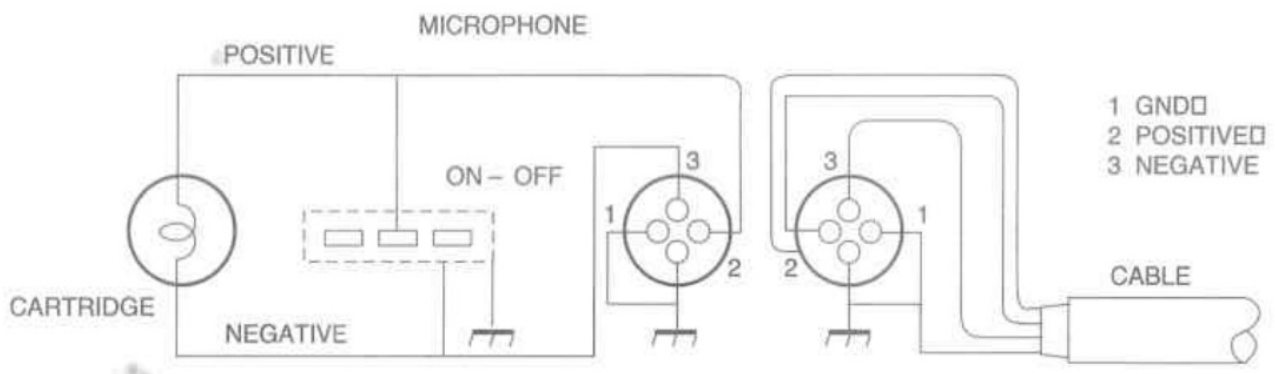
Cardioid — rotationally symmetrical about microphone axis, uniform with frequency (see Figure 2)

TYPICAL POLAR PATTERNS

FIGURE 2



INTERNAL CONNECTIONS



ARCHITECT'S SPECIFICATIONS

The microphone shall be a dynamic type with a frequency response of 45 to 15,000 Hz. The unit shall have a cardioid polar characteristic. The cancellation at the sides shall be approximately 5 dB and the cancellation at the rear shall be 15 to 20 dB. The microphone shall have a rated impedance of 300 ohms designed for 600 ohm preamps. The microphone connector shall be a 3-pin professional audio type designed to mate with a XLR mole connector. The microphone shall be provided with a swivel adapter adjustable through 90° from vertical to horizontal. The adapter will mount on a stand having a 5/8"-27 thread. The overall dimensions of the microphone shall be 5.125" (130 mm) in length and 2.080" (53 mm) in diameter.

GUARANTEE

This Carvin product is guaranteed to be free from electrical and mechanical defects for a period of one year from date of purchase. Microphones dropped, misused or exposed to moisture are not covered under warranty. Please retain proof of purchase date. This guarantee includes parts and labor. This guarantee is in lieu of any and all other

guarantees or warranties, express or implied, and there shall be no recovery for any consequential or incidental damages.

SHIPPING INSTRUCTIONS

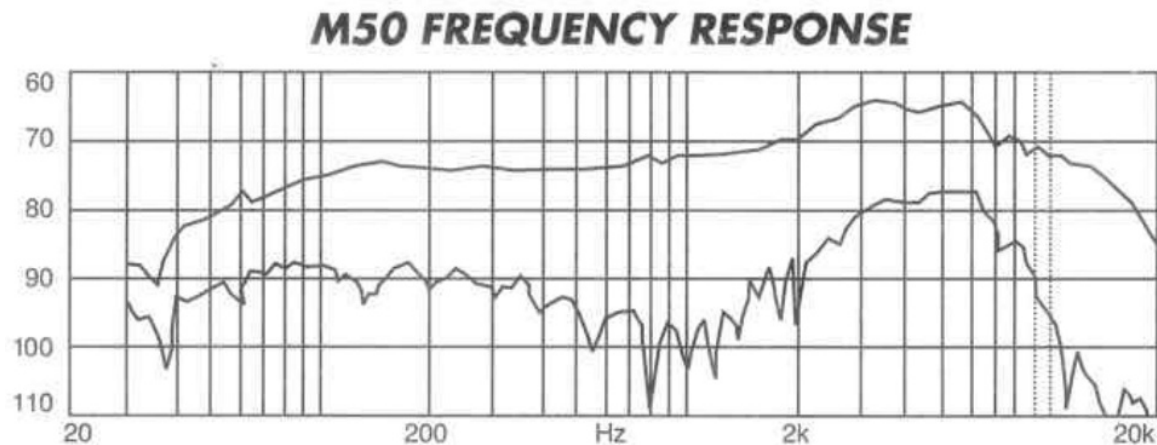
Carefully repack the until, have it insured prepaid to:

Carvin

Service Department

12340 World Trade Drive

San Diego, CA 92128



MODEL CM50 UNIDIRECTIONAL. DYNAMIC MICROPHONE SPECS:

Type: Dynamic

Frequency Response: 50 to 15.000HZ

Output Level (at 1.000 Hz. 600 ohms): Open Circuit Voltage' -72 dB. (0.19 mV)

Cable: M50 6 Om (20 ft) three-conductor shielded broadcast type with XLR professional audio connector'

Case: Grey powder coat die casting and steel mesh grille

Swivel Adapter: Slip-in positive-action. adjustable from 0° to 90'. with standard 516-27 thread

Net Weight: (less cable) 8.5 oz.

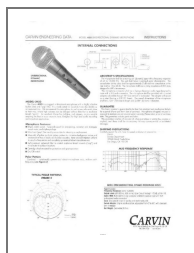
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Documents / Resources



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M50 Unidirectional Dynamic Microphone, M50, Unidirectional Dynamic Microphone, Dynamic M icrophone, Microphone

References

- [M_H Search - Manual-Hub.com](#)

