



*The Mark of the Professional...*

## LOW IMPEDANCE UNIDIRECTIONAL DYNAMIC MICROPHONE



**JWB Model DM-904L**

### FEATURES

- Superior voice and music performance
- Balanced, low impedance design
- Filtered spherical mesh headcase to reduce wind noise and “voice pop”
- Close proximity unidirectional pickup helps reduce background signals
- Uses standard 3-pin XLR type connectors
- On-Off slide switch
- 15 ft braided shield flexible cable and 5/8” swivel stand adaptor included
- Weighs only 10.4 ozs.

### DESCRIPTION

The JWB DM-904L is a professional dynamic microphone that can be used with confidence in recording, broadcasting and sound reinforcement applications. It is designed to offer an economical alternative to some of audio industry’s most popular close proximity voice and music microphones.

The unidirectional low-impedance cartridge is shock-mounted in a rugged, die-cast aluminum body and is covered by a filtered, wire-mesh spherical windscreen engineered to minimize “voice pop” and background noise.

The DM-904L has a dark gray finish and weighs only 10.4 ounces. It also offers the convenience of an on-off slide switch and a 3-pin male connector.

The unit comes in a vinyl carrying case that includes a 5/8” thread swivel adapter and a 15’ three conductor cable.

The DM-W foam windscreen is available as an accessory.

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**NEW TECHNOLOGY**



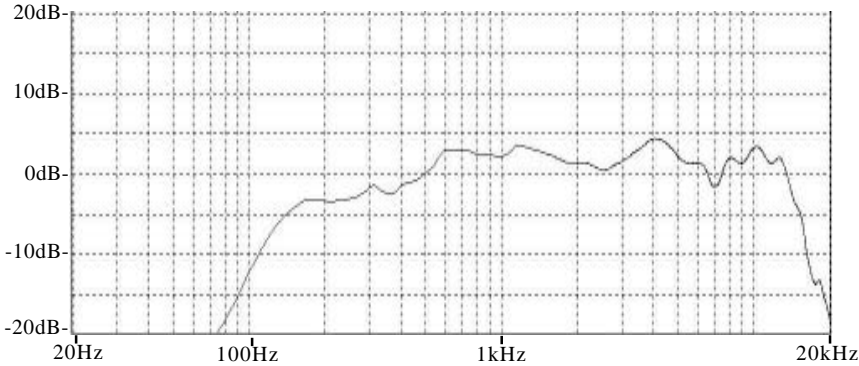
**OLD RELIABILITY**

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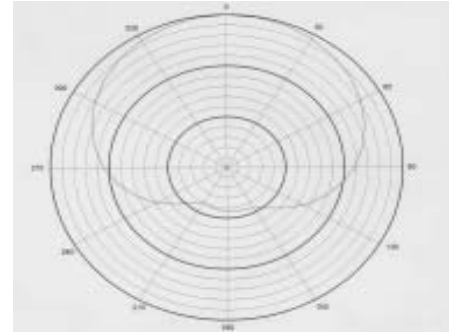
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### FREQUENCY RESPONSE



### POLAR PATTERN

1000Hz



### SPECIFICATIONS

Type .....	Dynamic
Polar Pattern .....	Cardioid
Frequency response .....	40Hz - 17kHz
Impedance .....	500 Ohms
Sensitivity .....	-75dB ± 3dB @ 1kHz
Overall dimensions .....	2" x 7"
Weight .....	10.4 Ozs.
Color .....	Dark Gray w/Silver Mesh Screen

### ARCHITECT'S AND ENGINEER'S SPECIFICATIONS

The dynamic microphone shall be a J.W. Davis model DM-904L, or equivalent, having a close proximity unidirectional pickup pattern and a 500 ohm impedance rating. The unit shall have a frequency response of 40Hz to 17kHz with a sensitivity of -75dB ± 3dB. The microphone body shall be constructed of die-cast aluminum, in a dark gray finish with silver mesh screen, and shall include an on-off slide switch and a 3-pin (male XLR type) connector. The design shall include a filter spherical wire mesh headcase. The dimensions of the unit shall be 2" x 7" with a weight of 10.4ounces. The unit shall be supplied with a 15 ft. balanced line cable with one end unterminated and the other having a female XLR type connector. A standard 1/8" swivel adaptor capable of motion through ±90° from horizontal and vinyl carrying case shall also be included. The DM-904L shall be compatible with the J.W. Davis DM-W windscreen.

### Accessories included:

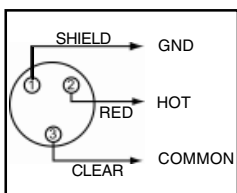
- 15 ft balanced cable
- Swivel Adapter
- Vinyl carrying case

### Optional Accessories:

- Male MIC Connector (A3M)
- Wall Plate with Connector (WPF-1)
- Wall Plate with 2 Connectors (WPF-2)
- MIC Shock Mount (DM-SH)

### TECH TIP: Installing Microphones

Although installing low-impedance, balanced-line microphones is relatively simple, proper performance requires observing the following rules: (1) Each pin on each connection must be wired consistently as



shown in the schematic below. Otherwise, the polarity mismatches will result in signal cancellation causing significant frequency response variations. (2) If using more than one cardioid type microphone, the distance between microphones should be at least 1 1/2 times the distance between the user's mouth and the microphone. (3) "Popping" caused by the user can be avoided by the use of windscreens such as the Davis model DM-W windscreens.

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