

JBL EON® SERIES MICROPHONES

HIGH QUALITY PERFORMANCE

AND EQUAL VALUE



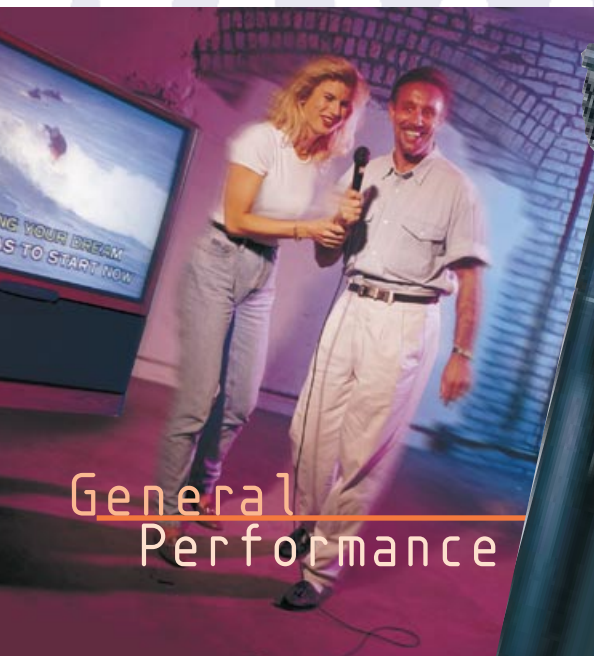
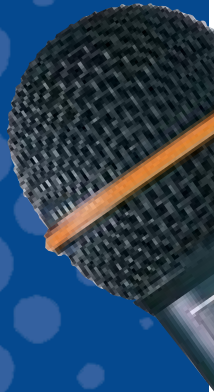
SOUND THAT CARRIES

# Just what you'd expect from EON

THE EON M50S, M70S AND M90S MICROPHONES...

When we designed EON®, we created a whole line of professional sound equipment based on optimum performance, flexibility, state-of-the-art technology and made-to-match integration. So you should expect any new product with the EON name to give you nothing less. Our new JBL EON M Series of three distinctive microphones provides another critical link in the extraordinary EON sound chain.

Each microphone is designed with features that meet the specific needs of different performers, so we've definitely got the right microphone for your set-up. All three have dynamic element cartridges and zinc bodies to make them strong enough to withstand the toughest handling and use. Each has a large washable wind/pop filter, protective wire mesh and a rubberized shock ring that reduces bump when the mics are put down on hard surfaces. And when it comes to sound basics, count on high output, uniform frequency response and cardioid-type polar response. It all adds up to maximum sound efficiency and durability at an affordable price.



General  
Performance

Perfect for karaoke users, bands and speech, the **EON M50S** is a superb general purpose mic. It has the most superior technology available with many features usually found in far more expensive microphones. For instance, it assures excellent feedback rejection because it has a cardioid polar pattern and uniform frequency response on and off axis. It's a high output mic you can count on to enhance your performance.

WHETHER KARAOKE, AMATEUR OR PRO, SUPERIOR SOUND TECHNOLOGY AND ULTRA AFFORDABILITY MAKE THE M50S A PERFECT COMPLEMENT TO YOUR SOUND SYSTEM.

**M50S**

# Performance



## M70S

WITH EXCELLENT HIGH FREQUENCY RESPONSE PLUS A POWERFUL NEODYMIUM MAGNET FOR EFFICIENT, HIGH OUTPUT, THE M70S DRAMATICALLY IMPROVES VOCAL QUALITY AND PRESENCE.

If clear, resonant vocals are your main concern, the **EON M70S** provides the design features you need. This model contains the superior neodymium magnet structure, pioneered by JBL in our Array Series Tour Sound cabinet. Smaller, lighter and more powerful, it makes for an incredibly efficient, high output mic. And that's important. Because the output produces a 6dB rise in high frequency response, creating improved vocal intelligibility and more presence.

Whether you use the mic for speech or for singing, the M70S is the ideal choice.

Also included are a clip and bag.

## M90S

Of all three, the **EON M90S** gives the most refined frequency response, making it an excellent all-around mic for vocals, musical instruments, performing and recording. It has a special cartridge shock mount system, a unique combination of rubber, ABS and air to greatly reduce the effect of knocks, bumps and handling while in use. And because it uses a dual density diaphragm as well as the lightweight, powerful neodymium magnet structure, the M90S gives you high output with a uniform and extended frequency response.

All that makes it an incredibly practical and versatile tool for music pick-up whether you're on stage or in a studio. Included is a clip and carrying case.



# High Per

A SMOOTH, EXTENDED RESPONSE AND DUAL DENSITY DIAPHRAGM MAKE THE M90S THE ALL-AROUND TOP-OF-THE-LINE MIC FOR VOCALS AND INSTRUMENTS IN PERFORMANCE OR STUDIO.

LARGE WIND/POP  
SCREEN FILTERS  
OUT UNWANTED  
NOISE BY SLOWING  
AIR BLASTS USING  
A MICRO PERF  
SUB SCREEN

\*NEODYMIUM MAGNET AND DUAL  
DENSITY DIAPHRAGM™  
PROVIDE HIGH OUTPUT  
AND AN EXTENDED  
FREQUENCY RESPONSE

CARDIOID-  
TYPE POLAR  
PICK-UP PATTERN  
ENSURES EXCELLENT  
FEEDBACK REJECTION

HEAVY DUTY WIRE  
MESH PROTECTS  
MIC CAPSULE

CRITICALLY ALIGNED  
DYNAMIC CARTRIDGE  
FOR MAXIMIZED  
FREQUENCY RESPONSE

RUBBERIZED  
SHOCK RING  
REDUCES  
IMPACT NOISE

RUGGED ZINC  
DIECAST BODY

UNIQUE RUBBERIZED  
SHOCK ABSORBING  
SYSTEM REDUCES  
HANDLING NOISE

BALANCED MALE  
XLR CONNECTOR

ERGONOMICALLY  
DESIGNED  
ON/OFF SWITCH

\*M90S only  
M70S also uses neodymium magnet.

LOW OUTPUT IMPEDANCE

performance



SOUND THAT CARRIES

**THE M70S  
MICROPHONE BAG**



**THE M90S  
WITH ITS  
CARRYING CASE**

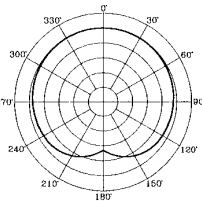
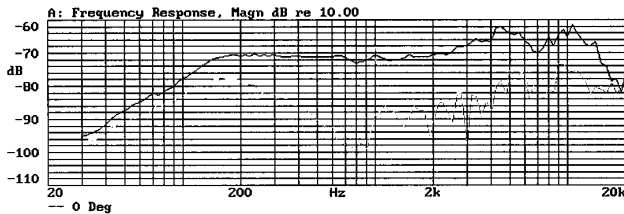
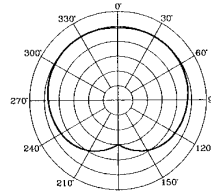
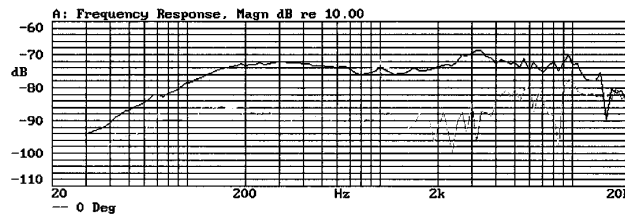
**JBL LIMITED WARRANTY**

JBL Microphone products are designed and backed by JBL, the world leader in sound reinforcement. For complete JBL warranty information within the continental United States, Hawaii and Canada, please refer to the warranty card enclosed with your JBL Microphone. In other areas of the world please contact your local JBL distributor.

Technical specifications SPECIFICATIONS

**M50S**

**Type:** dynamic pressure gradient microphone  
**Polar pattern:** cardioid type  
**Frequency range:** 70Hz-15kHz  
**Magnet system:** ferrite  
**Sensitivity at 1000Hz:** -74dB, 0dB=1V/√Bar  
**Impedance at 1000Hz:** 500 ohms  
**Environment:** -10 °C to 55 °C, R.H. @ +40 °C 95%  
**Connector:** 3-pin male XLR  
**Connector pinout:** pin 1 ground; pin 2 audio (+) pin 3 audio (-)  
**Case material:** zinc diecast  
**Finish:** matte black  
**Size:** 171mm x 54mmØ  
**Weight:** 320g  
**Net/Shipping weight:** 442g

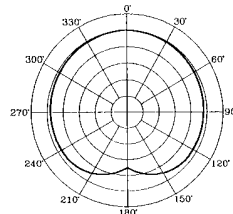
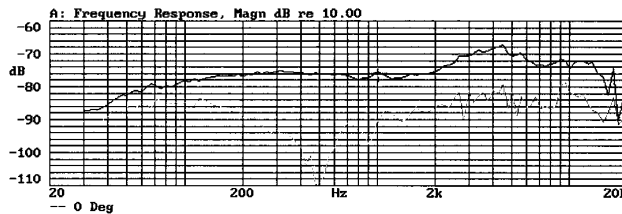


**M70S**

**Type:** dynamic pressure gradient microphone  
**Polar pattern:** cardioid type  
**Frequency range:** 70Hz-16kHz  
**Magnet system:** neodymium  
**Sensitivity at 1000Hz:** -72dB, 0dB=1V/√Bar  
**Impedance at 1000Hz:** 600 ohms  
**Environment:** -10 °C to 55 °C, R.H. @ +40 °C 95%  
**Connector:** 3-pin male XLR  
**Connector pinout:** pin 1 ground; pin 2 audio (+) pin 3 audio (-)  
**Case material:** zinc diecast  
**Finish:** matte black  
**Size:** 171mm x 54mmØ  
**Weight:** 320g  
**Net/Shipping weight:** 516g

**M90S**

**Type:** dynamic pressure gradient microphone  
**Polar pattern:** cardioid type  
**Frequency range:** 60Hz-18kHz  
**Magnet system:** neodymium  
**Sensitivity at 1000Hz:** -76dB, 0dB=1V/√Bar  
**Impedance at 1000Hz:** 250 ohms  
**Environment:** -10 °C to 55 °C, R.H. @ +40 °C 95%  
**Connector:** 3-pin male XLR  
**Connector pinout:** pin 1 ground; pin 2 audio (+) pin 3 audio (-)  
**Case material:** zinc diecast  
**Finish:** matte black  
**Size:** 171mm x 54mmØ  
**Weight:** 320g  
**Net/Shipping weight:** 541g



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**H** A Harman International Company

Sound that  
Carries

S O U N D T H A T C A R R I E S

