

# Technical Manual

# JBL MP415

## SPECIFICATIONS



### ACOUSTIC & ELECTRICAL SPECIFICATIONS:

- Nominal Impedance: 8 ohms
- Power Capacity: 350W
- Frequency Range: 44 Hz – 20 kHz (-10dB)
- Sensitivity: 99 dB SPL, 1 Watt @ 1 Meter
- Crossover Frequency: 1.5 kHz

### SYSTEM COMPONENTS:

- Cabinet: Enclosure MP415
- Grille: 128-00426-01
- Low Frequency Transducer: 380mm (15 in.) 2033H Transducer (124-37007-00X)
- DC Resistance: 5.3 ohms
- High Frequency Transducer: 2406H, 2406H-1 1 in Compression Driver
- DC Resistance: 4.3 ohms

### SYSTEM COMPONENTS: (Cont'd)

- Crossover Network: 336821-002

### AURAL SWEEP TEST SPECIFICATIONS:

- A. System Aural Sweep Test: 7.0V Input, 20 Hz to 20 kHz
- B. L.F. Aural Sweep Test: 6.0V Input, 20 Hz to 2 kHz
- C. H.F. Aural Sweep Test: 0.75V Input, 200 Hz to 1 kHz

### PHYSICAL SPECIFICATIONS:

- Enclosure Dimensions: 719mm x 461mm x 383mm D (28.3 x 18.2 x 15.1 in. D)
- Net Weight: 59 lbs. (26.8 kg.)

### WARRANTY INFORMATION:

- Refer to Warranty Statement packed with each product.

## PACKAGE

Warranty 59660  
Owners Manual  
337568-002

End Pad (2)  
336823-001

Microfoam (4)  
49790P

Carton MP415  
338171-001

Filler (2)  
338171-001

## WIRING DIAGRAM

Speaker, High Freq 2406H \* (337213-001X) Diaph Repl D8R2406 2406H-1 \* (337213-003X) Diaph Repl D8R2406-1

Speaker, Low Freq 2033H (124-37007-00X) Cone Repl C8R2033

Neutrik NL4MPR (2)

Network 336821-002

Schematic (336821-002)

1+ GRN +

1- GRN/BLK -

1+ YEL/BLK .187 -

1- YEL .250 +

L.F. 2033H

H.F. 2406H

\* 2406H - spade lugs identically use 337213-001X  
2406H-1 - spade lugs different sizes use 337213-003X

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## COMPONENT EXPLODED VIEW

