

# Technical Manual

# JBL 8138

## SPECIFICATIONS



### ACOUSTIC & ELECTRICAL SPECIFICATIONS:

- Nominal Driver Impedance: 8 Ohms
- Driver Power Capacity: 40W (160W peak), 2 hrs
- Frequency Range: 95 Hz – 18 kHz (-10 dB)
- Sensitivity: 97 dB (1 kHz - 8 kHz) (2.83V@ 1m)
- Component: 200 mm (8 in) Full-Range, Dual-cone
- Coverage: 90° conical (2 kHz)
- 70V/100V Transformer Taps: 6W, 3W, 1.5W, (0.75W at 70V only)
- Termination: Bare Wire
- Dimensions: 327 mm (12.9") diameter baffle x 84 mm (3.3") depth from back of baffle. Overall depth, 99 mm (3.9")
- Cutout Dimension: 300 mm (11.75") with tile bridge and backbox. 228 mm (9.0") diameter as stand alone.
- Included Accessories: Integral grille, 4 pcs M4 x 40n mm tapping screws

### SPECIFICATIONS: (Cont'd)

- Optional Accessories: MTC-81BB8 backcan  
MTC-81TB tile bridge
- DC Resistance: 7.1 ohms

### AURAL SWEEP TEST SPECIFICATIONS:

- A: System Aural Sweep Test: 5.0V Input, 50 Hz to 18 kHz (at lowest sweep range)

### PHYSICAL SPECIFICATIONS:

- Net Weight: 3.0 lbs. (1.4kg.)

### WARRANTY INFORMATION:

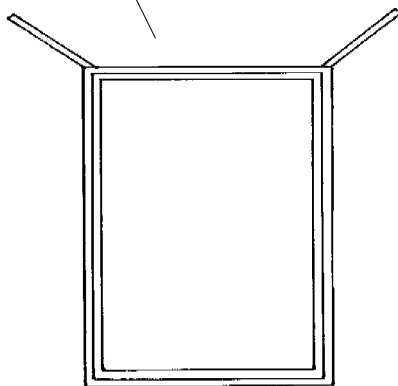
- Refer to Warranty Statement packed with each product.

## PACKAGE

Warranty 59660

Carton  
443598-001

Filler  
443599-001



## WIRING DIAGRAM

Woofer  
443593-001

Screw (8)  
443596-001  
Woofer

Screw, Cap (10)  
443594-001

Grille  
443597-001

Transformer  
443590-001

Screw (2)  
443591-001

Bracket  
443592-001



Transformer Tap Color Codes:

70V	.75W	1.5W	3W	6W	Com
100V	1.5W	3W	6W	N/C	Com
	WHITE	BLUE	BROWN	ORANGE	BLACK

Output  
+ -  
Red BLK