

## Technical Manual

# JBL CBT 100LA/WH/-1

## SPECIFICATIONS



### ACOUSTIC & ELECTRICAL SPECIFICATIONS:

- Nominal Impedance: 8 Ohms (in Thru mode)
- Power Capacity: 325W (1300W peak), 2 hrs  
(8 ohm setting): 200W (800W peak), 100 hrs
- Frequency Range: 80 Hz - 20 kHz (-10 dB)
- Maximum SPL:
  - Narrow: (speech mode): 121 dB cont ave (127 peak)
  - (music mode): 118 dB cont ave (124 peak)
- Board: (speech mode): 118 dB cont ave (124 peak)
- (music mode): 115 dB cont ave (121 peak)
- Sensitivity: (2.83V @ 1 meter)
  - Narrow: (speech mode): 96 dB (2 kHz - 14 kHz)
  - (music mode): 93 dB (300 Hz - 18 kHz)
  - Board: (speech mode): 93 dB (2 kHz - 14 kHz)
  - (music mode): 90 dB (300 Hz - 18 kHz)

### SYSTEM COMPONENTS: (CONT'D)

- Grille: 442866-001, 442866-002 (WH)
- Components / Driver: Sixteen 50 mm (2 in) Full-Range
- DC Resistance: 10.0 ohms
- Crossover Network: 442869-001 (Main PCB)

### AURAL SWEEP TEST SPECIFICATIONS:

- A. System Aural Sweep Test: 5.0V Input, 20 Hz to 1000 Hz  
Sweep duration: 10 seconds

### PHYSICAL SPECIFICATIONS:

- Enclosure Dimensions: 1000 x 98.5 x 153 mm D  
(39.4 x 3.8 x 6.0 in.D.)
- Net Weight: 15.8 lb (7.2 kg)

### WARRANTY INFORMATION:

- Refer to Warranty Statement packed with each product.

### SYSTEM COMPONENTS:

- Cabinet: Enclosure (Not for Sale)

**70V/100V Transformer Taps:** 100W, 50W, 30W, (15W at 70V only), and 8Ω thru, via switch

## PACKAGE

Warranty  
59660

Specification Sheet  
444195-001  
5011376 (-1 Series)

Owners Manual  
442818-001  
5011372 (-1 Series)

Filler, Top (2)  
442862-001

Filler, Bottom (2)  
444186-001

Filler, Middle (2)  
444185-001

Label (-1 Series)  
5011375  
5011377 (WH)

Pearl Bag  
444198-001

Carton  
442876-001  
5011374 (-1 Series)

Bracket (-1 Series)  
Swivel / Wall  
445765-001  
445765-002 (WH)

Accessories Kit  
445761-001 (BLK)  
445761-002 (WHT)

### Accessories Box / Kit Includes:

Speaker Bracket (for both versions)  
442811-001  
442811-002 (WH)

Fixed Wall Bracket  
442812-001  
442812-002 (WH)

Bolts (6)  
442814-001  
442814-002 (WH)  
M6-16MM

Washers, SS Lock (6)  
444191-001  
444191-002 (WH)

Washers, Flat SS (6)  
444190-001  
444190-002 (WH)

Switch Cover (3)  
444192-001  
444192-002 (WH)

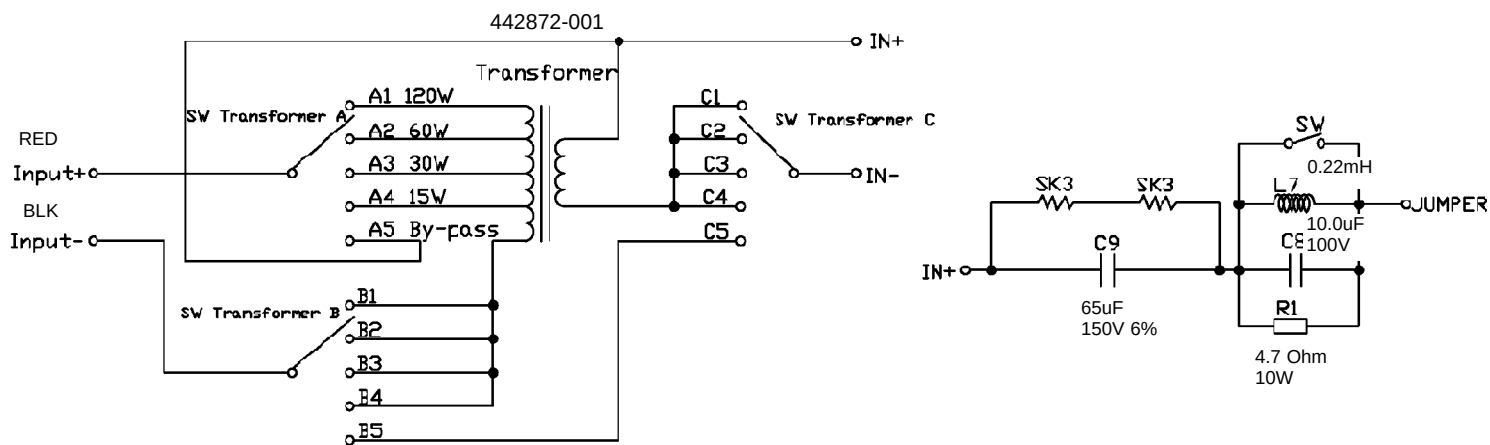
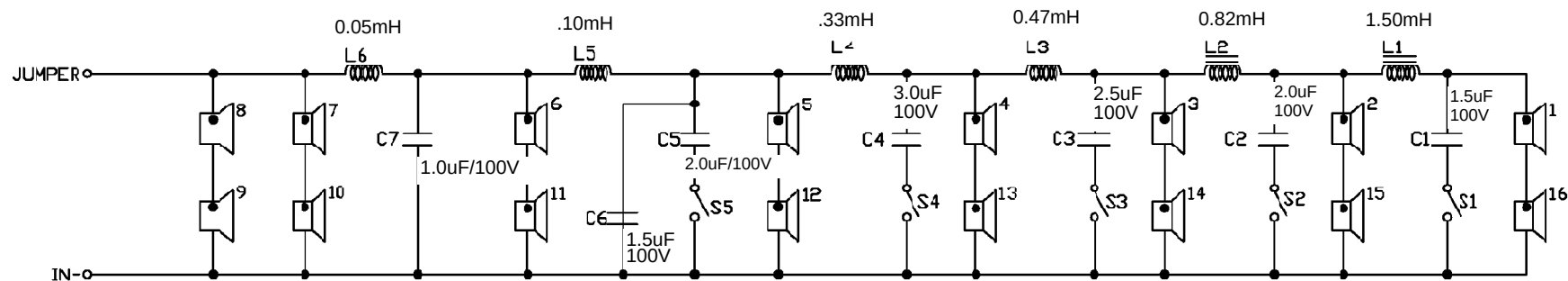
Bolts (2)  
444478-001  
444478-002 (WH)  
M6-34MM

Nuts (2)  
444479-001  
444479-002 (WH)  
M6

JBL CBT 100LA/WH/-1 REV E

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SCHEMATIC (442869-001)

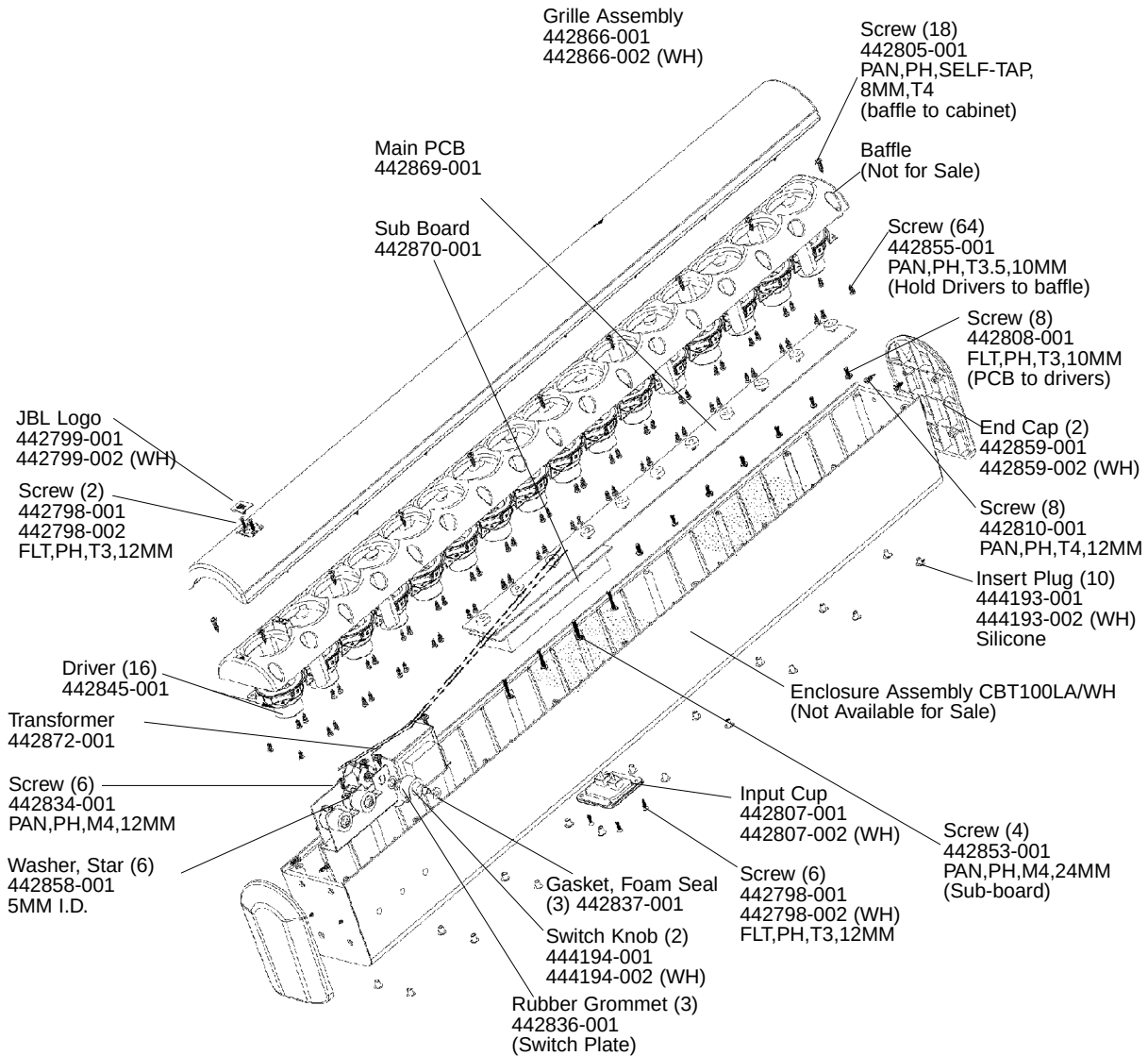


Individual Parts for the above crossover are not available.  
A complete replacement assembly should be ordered.

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## COMPONENT EXPLODED VIEW



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