

# Technical Manual

# JBL I755



## SPECIFICATIONS

### ACOUSTIC & ELECTRICAL SPECIFICATIONS:

- Nominal Impedance: LF: 4 ohm  
HF: 8 ohm
- Power Rating: HF: 150 W Continuous Program above 1 kHz  
LF: 600 W AES
- Frequency Response: 50 Hz - 16 kHz
- Sensitivity: LF: 101 dB (1m, 2V)  
HF: 108 dB (1m, 2.83V)
- Crossover Frequency: Active C236

### SYSTEM COMPONENTS:

- Cabinet: CI755
- Grill: GI755
- Low Frequency Transducer: 300 mm (12 in)  
Cone Transducer (M222-8)
- DC Resistance: 4.8 ohm  $\pm$  10% Aluminium Wire

### SYSTEM COMPONENTS:

- High Frequency Transducer: 100 mm (4 in)  
Pure Titanium Diaphragm  
Compression Driver (2447H)
- DC Resistance: 4.10 ohm  $\pm$  8% Aluminium Wire

### PHYSICAL SPECIFICATIONS:

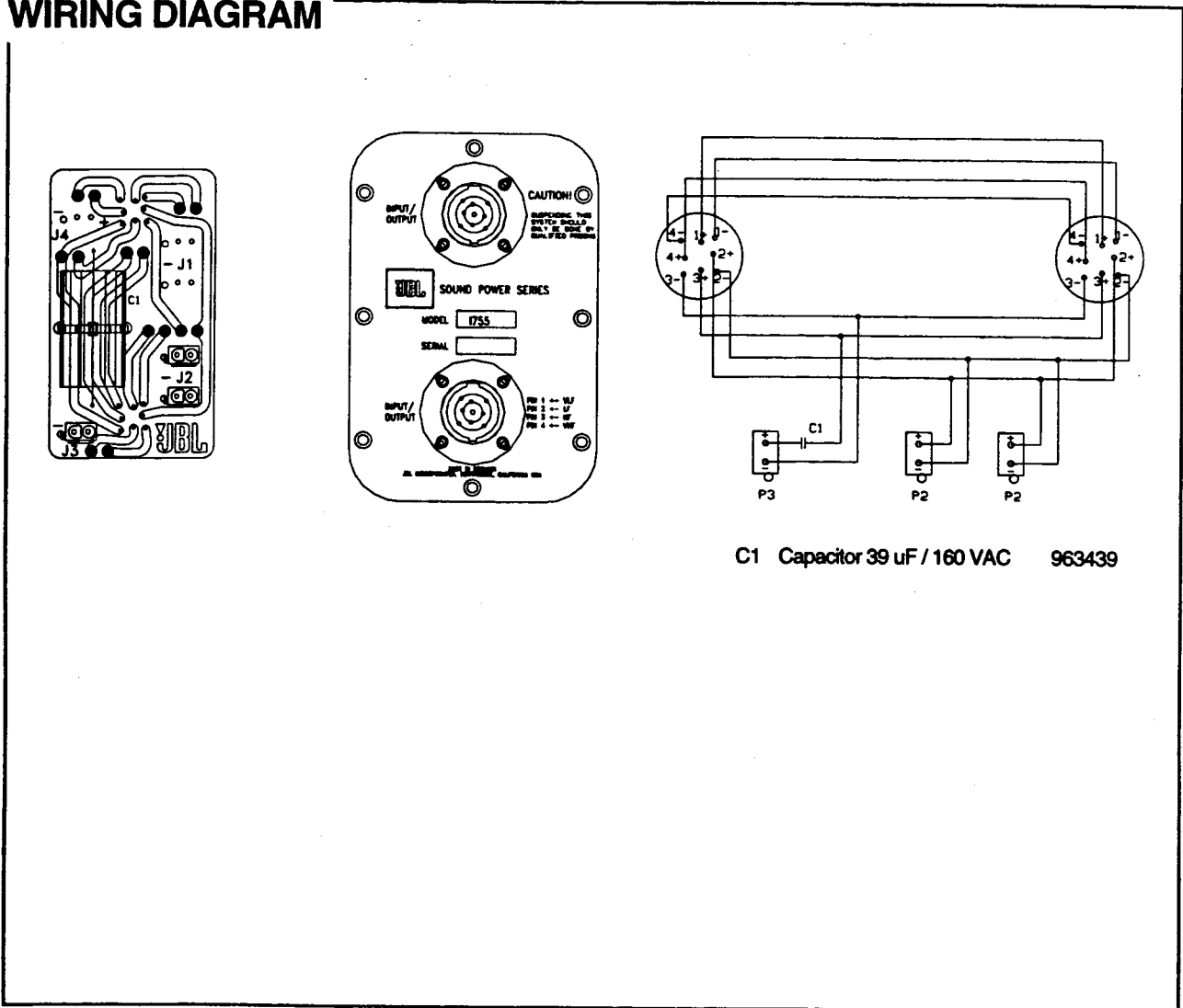
- Enclosure Dimensions: 680 x 850 x 400 mm  
26.77 x 33.46 x 15.75 in
- Shipping Weight: 80.5 kg (177.1 lb)

### NEUTRIK CONNECTOR

- Pins 1  $\pm$  = Loopthrough
- Pins 2  $\pm$  = Input LF
- Pins 3 + = Input HF
- Pins 4  $\pm$  = Loopthrough

⊕ Denotes outward cone movement with positive voltage applied to LF pin 2 + and HF pin 3 +.

## WIRING DIAGRAM



C1 Capacitor 39 uF / 160 VAC 963439

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## COMPONENT EXPLODED VIEW

**TO CHANGE DIAPHRAGM:**  
Unscrew the 4 screws holding  
the horn, and turn anti-clockwise.

**NOTE!**  
A complete horn consists  
of 2 part numbers.

