

# Technical Manual

# JBL P750



## 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  
50 Hz - 16 kHz
- Frequency Response: LF: 102 dB (1m, 2V)  
HF: 111 dB (1m, 2.83V)
- Sensitivity: Active C236
- Crossover Frequency:

### SYSTEM COMPONENTS:

- Cabinet: CP750
- Grill: GP750
- Low Frequency Transducer: 300 mm (12 in)  
Cone Transducer (2020H)
- 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:

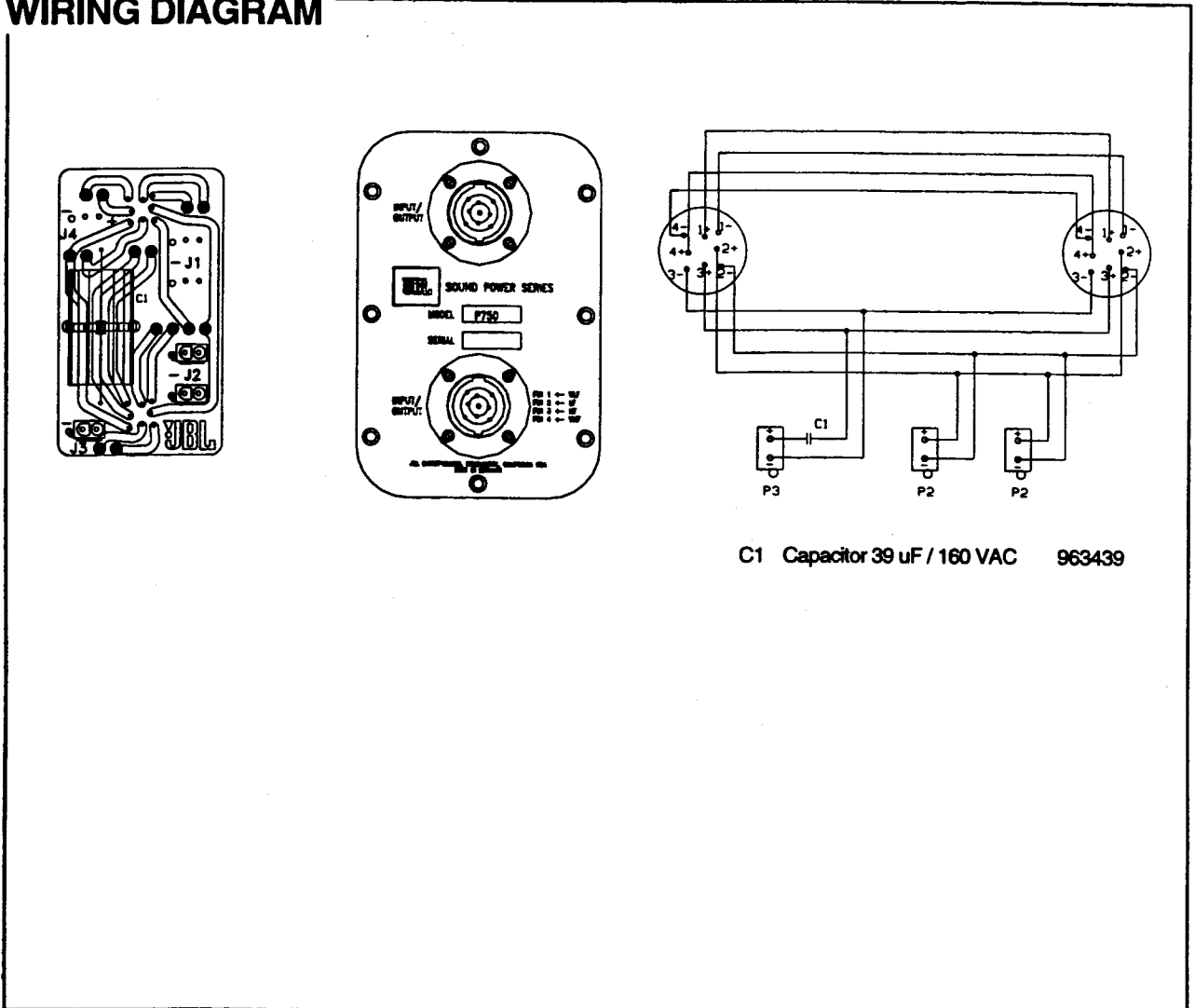
- Enclosure Dimensions: 1140 x 503 x 480 mm  
44.88 x 19.78 x 18.88 in)
- Shipping Weight: 67.5 kg (148.5 lb)

### NEUTRIK CONNECTOR

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

⊕ 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.

