

Technical Manual

JBL VRX932LAP/230

JBL

PROFESSIONAL

ACOUSTIC & ELECTRICAL SPECIFICATIONS:

- DPC-2 Internal Amplification Output (at normal load): 1750 Watts Peak, 875 Watts Continuous
- Frequency Response: 75 Hz - 20 kHz (± 3 dB)
- Frequency Range: 57 Hz - 20 kHz (-10 dB)
- Maximum Peak Output: 136 dB SPL at 1m
- Signal Processing: DSP based, resident in Input Module
- AC Power Operating Range: 90-132 VAC or 216-264 VAC, 50/60Hz
- AC Input Connector: Neutrik PowerCon (NAC 3MPA)
- AC Loop Through Connector: Neutrik PowerCon (NAC 3MPB)
- Audio Input Connector: XLR with loop through
- AC Current Requirements: 6A per system at 120V, 3A per system at 240V
- AC Line Voltage: User selectable: 120V/240V (-15% , $+10\%$)
- System Management: DSP based limiters for mechanical and thermal protection
- User Controls: Input Attenuator (0-16 dB), ACS Array Configuration Selector, HF level adjustment ($+3$ dB, 0 dB, -3 dB)
- DPC-2 Output as (Continuous impedance): IEC shaped pink noise into rated load
LF: 750 Watts, HF: 125 Watts
- DPC-2 Output section: LF: Dual-Bridged Technology^(TM), Class D
HF: Bridged Class D

- Cabinet: (Not For Sale)
- Grille: 352282-001
- Low Frequency Transducer: 2262FF, 305 mm (12 in) dual voice coil Differential Drive^(R) woofer with neodymium-magnet
- Bandpass Nominal Impedance: 2 x 2 ohms
- DC Resistance: 5.1 ohms $\pm 10\%$
- High Frequency Transducer: (3) 2408J, 38 mm (1.5 in) voice coil, neodymium compression driver
- Bandpass Nominal Impedance: 4 ohms
- DC Resistance: 8.9 ohms $\pm 0.2\%$

AURAL SWEEP TEST SPECIFICATIONS:

- A. System Aural Sweep Test: 0.8 (Gain fully CCW)
- B. L.F. Aural Sweep Test: 7V 10 Hz to 1 kHz
- C. H.F. Aural Sweep Test: 1.0V 200 Hz to 1.5 kHz

PHYSICAL SPECIFICATIONS:

- Enclosure Dimensions: 349 mm x 597 mm x 444 mm D (13.75 in. x 23.5 in. x 17.5 in. D)
- Net Weight: 52 lbs. (24 kg.)

WARRANTY INFORMATION:

- Refer to Warranty Statement packed with each product.

PACKAGE

Warranty 59660

Power Cord Assembly
Pack / Edison, Shucko
355040-002

Contents:
355146-001 (120V) (1)
Power Cord

355147-001 (230V) (1)
Power Cord

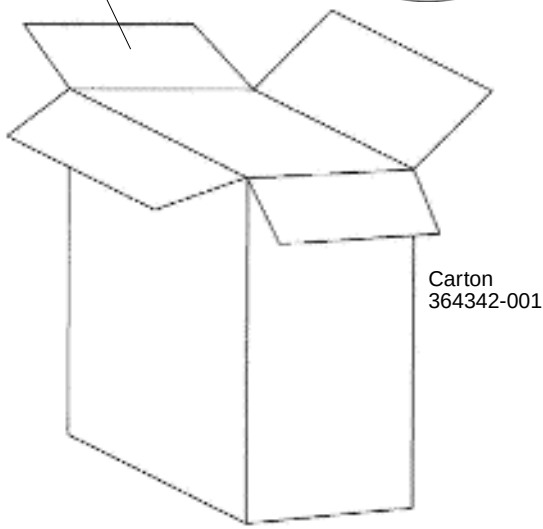
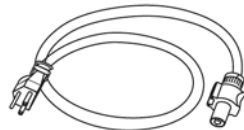
NAC3FCB (1)
Neutrik
Gray PowerCon

Pad, Filler (2)
364343-001

Filler, Grille
364344-001

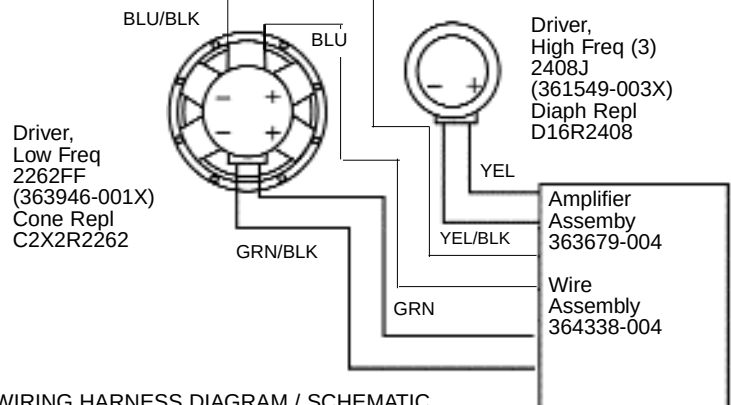
Pkg, Microfoam
49790P

Manual
364536-001

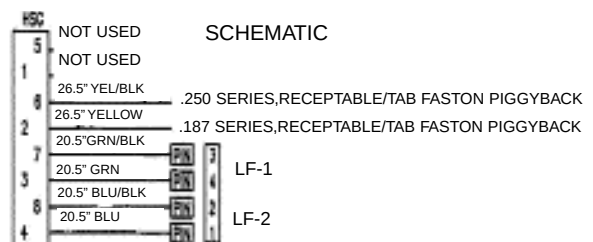
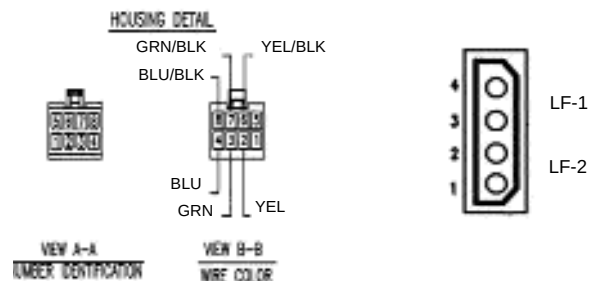


Carton
364342-001

WIRING DIAGRAM

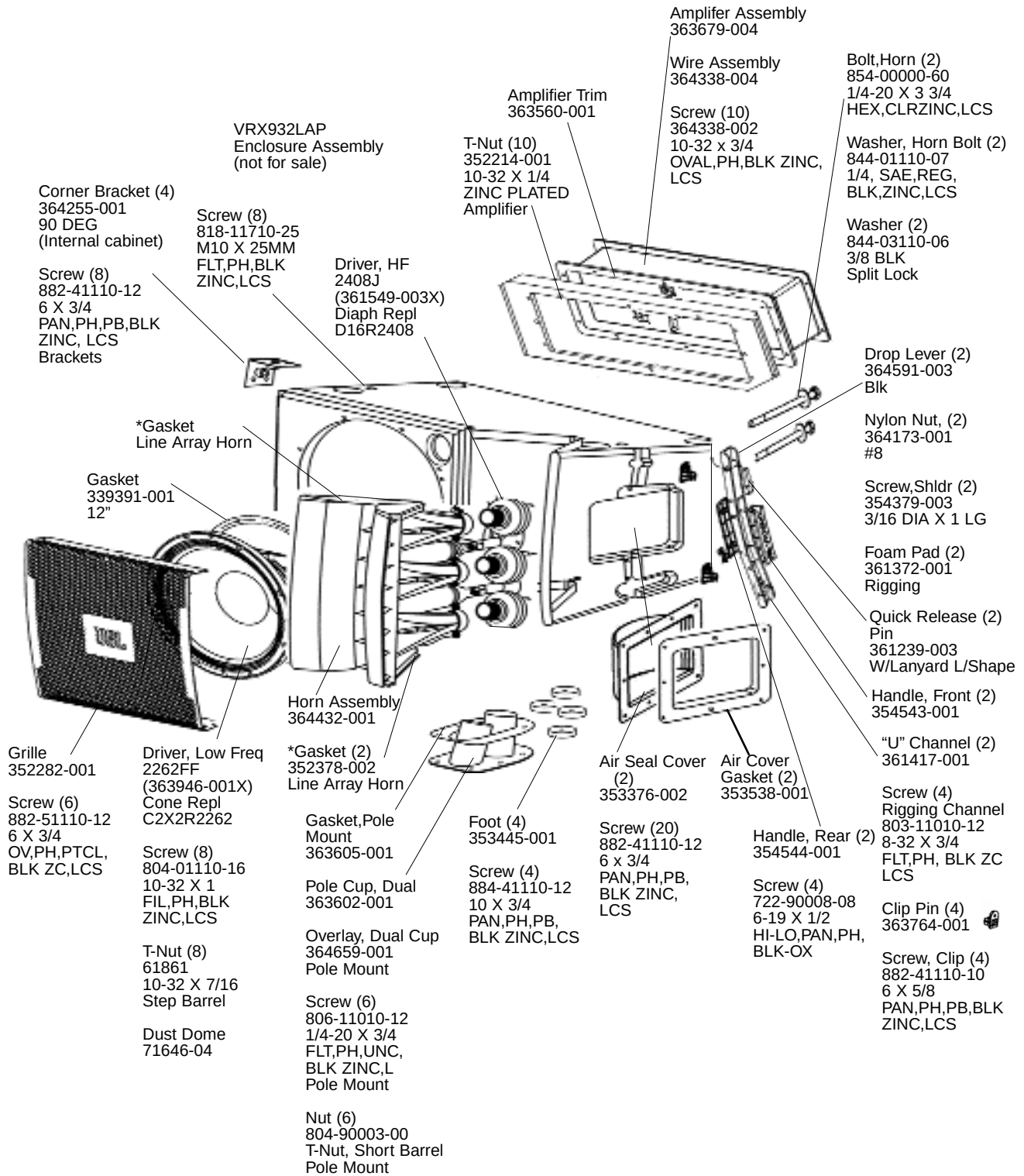


WIRING HARNESS DIAGRAM / SCHEMATIC
354338-004



JBL VRX932LAP/230

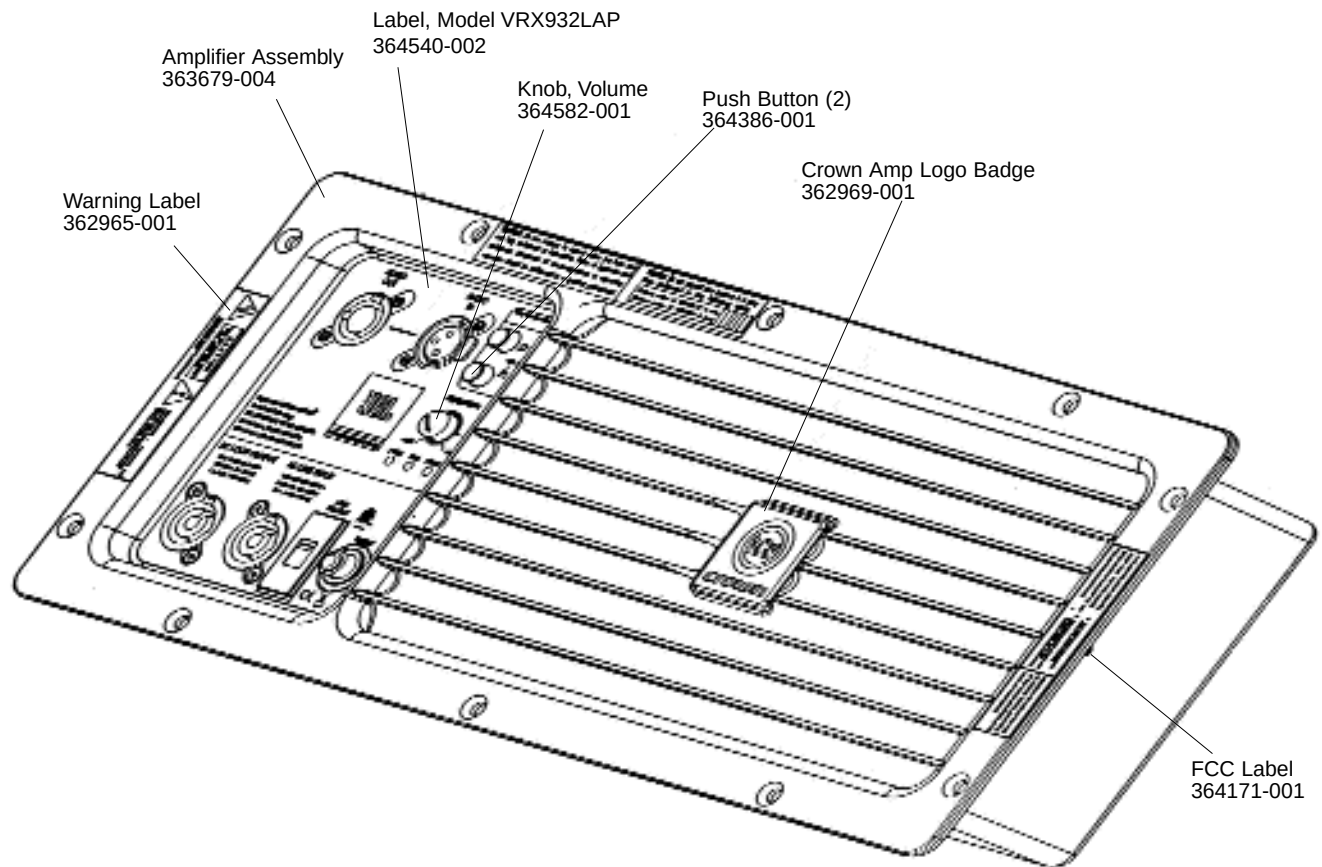
COMPONENT EXPLODED VIEW



JBL VRX932LAP/230

AMPLIFIER ASSEMBLY

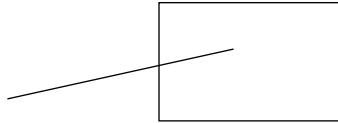
363679-004



JBL VRX932LAP/230

ARRAY FRAME ASSEMBLY

Manual
353551-007



- 4" 1/4-20 bolts to horn — 5" — caution! You can break the horn at 60"/lbs, which is pretty easy with a ratchet (pull on the end of a 1' handle with 5 pounds). 35"/lbs = 2.9 ft/lbs.
- Screws to handle cup from outside of rigging frame — 16"/lbs. Current production is getting machine screw and keps nut on deviation (which could take much more torque), but when we switch to sheetmetal screw (which can be serviced without removing horn/grille), it will be sensitive (likely failure torque <30"/lbs)
- Woofer screws, typical 22"/lbs.
- M10 rigging screws — 40"/lbs minimum; don't forget the threadlock! Ditto the 1/4-20's on the pole mount (except no threadlock)

*VRX Service Kit (includes):

Drop Level Black VRX932LA
361319-001

Nut, Keps (2)
832-30010-00
Steel BLK ZINC
and EM LUBE

Screw (shldr) (2)
354379-001
3/16 DIA X 1 LG

