

Technical Manual

JBL PRX710/230

SPECIFICATIONS



ACOUSTIC & ELECTRICAL SPECIFICATIONS:

- Frequency Response (± 3 dB):
 - Normal EQ setting: 63.5 Hz – 18.5 kHz
 - Boost EQ setting: 53 Hz – 18.6 kHz
- Frequency Range (-10 dB):
 - Normal EQ setting: 50 Hz – 19.6 kHz
 - Boost EQ setting: 42.9 Hz – 20 kHz
- Maximum SPL Output: 133 dB Peak
- Input Impedance: 20K Ohms (balanced), 10K Ohms (unbalanced)
- Crossover Frequency: 1.9 kHz

SYSTEM COMPONENTS:

- Cabinet: Enclosure (Not For Sale)
- Grille: 5030729
- Low Frequency Driver: M110-4, 10 inch (250mm) woofer
- D.C.Resistance: 2.8 ohm $\pm 10\%$

SYSTEM COMPONENTS: (CONT'D)

- High Frequency Driver: 2408H-2, 37.5 mm (1.5 in) annular polymer diaphragm, neodymium compression driver
- D.C.Resistance: 4.80 ohm ± 0.2 ohm

AURAL SWEEP TEST SPECIFICATIONS:

- A. System.Aural Sweep Test: 0.15V Input, 70 Hz to 20 kHz Knob Fully CW.Line In and Main
- B. L.F.Aural Sweep Test: 7.0V Input, 10 Hz to 200 Hz
- C. H.F.Aural Sweep Test: 0.75V Input, 200 Hz to 1.5 kHz

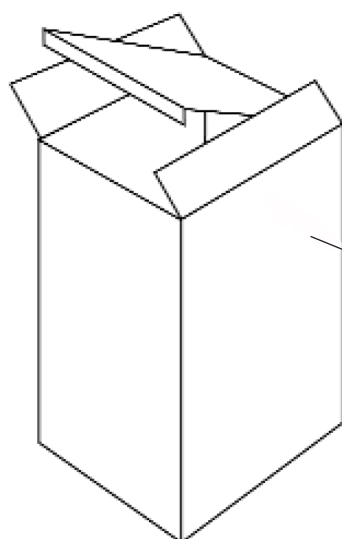
PHYSICAL SPECIFICATIONS:

- Enclosure Dimensions: 498.7mm x 335.6mm x 322.3 mm D (19.63 in x 13.21 in x 12.69 in D)
- Net Weight: 36 lb (16.4 kg)

WARRANTY INFORMATION:

- Refer to Warranty Statement packed with each product.

PACKAGE



Warranty Card
59660

User's Guide
5032132

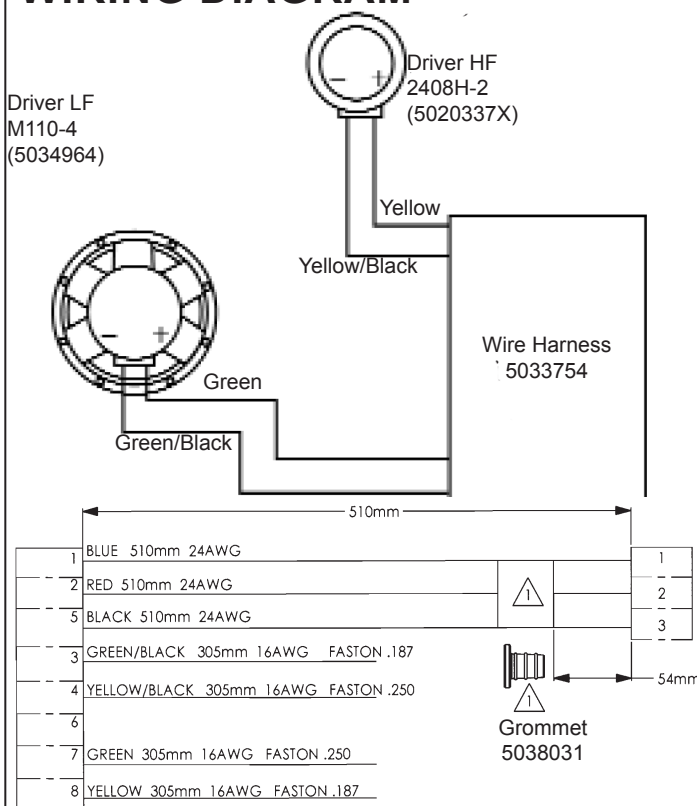
Carton
5032218

Filler
5032220 (2)

PKG, Microfoam (2)
49790P

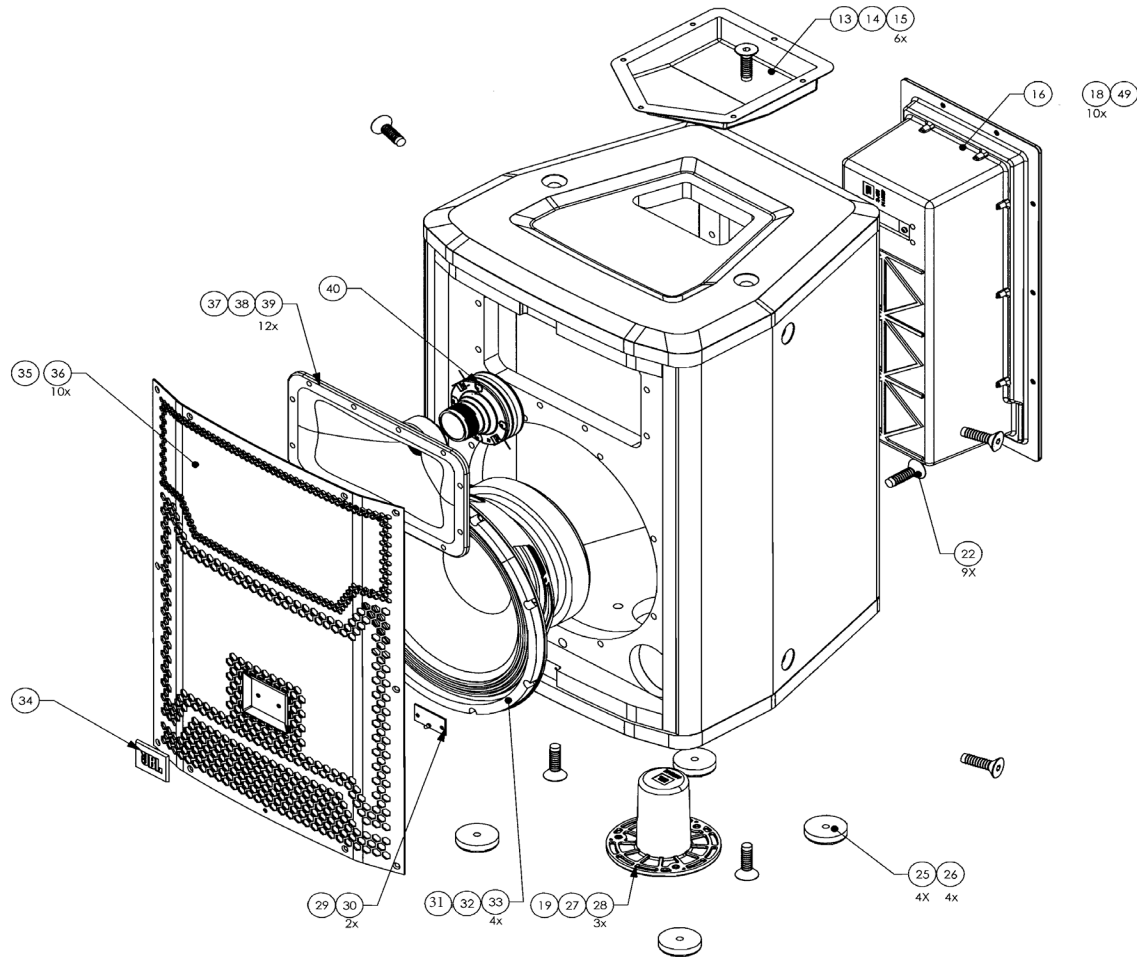
Cord, AC, Line
425-00000-00 (120V)
425-00000-01 (230V)

WIRING DIAGRAM



JBL PRX710/230

COMPONENT EXPLODED VIEW



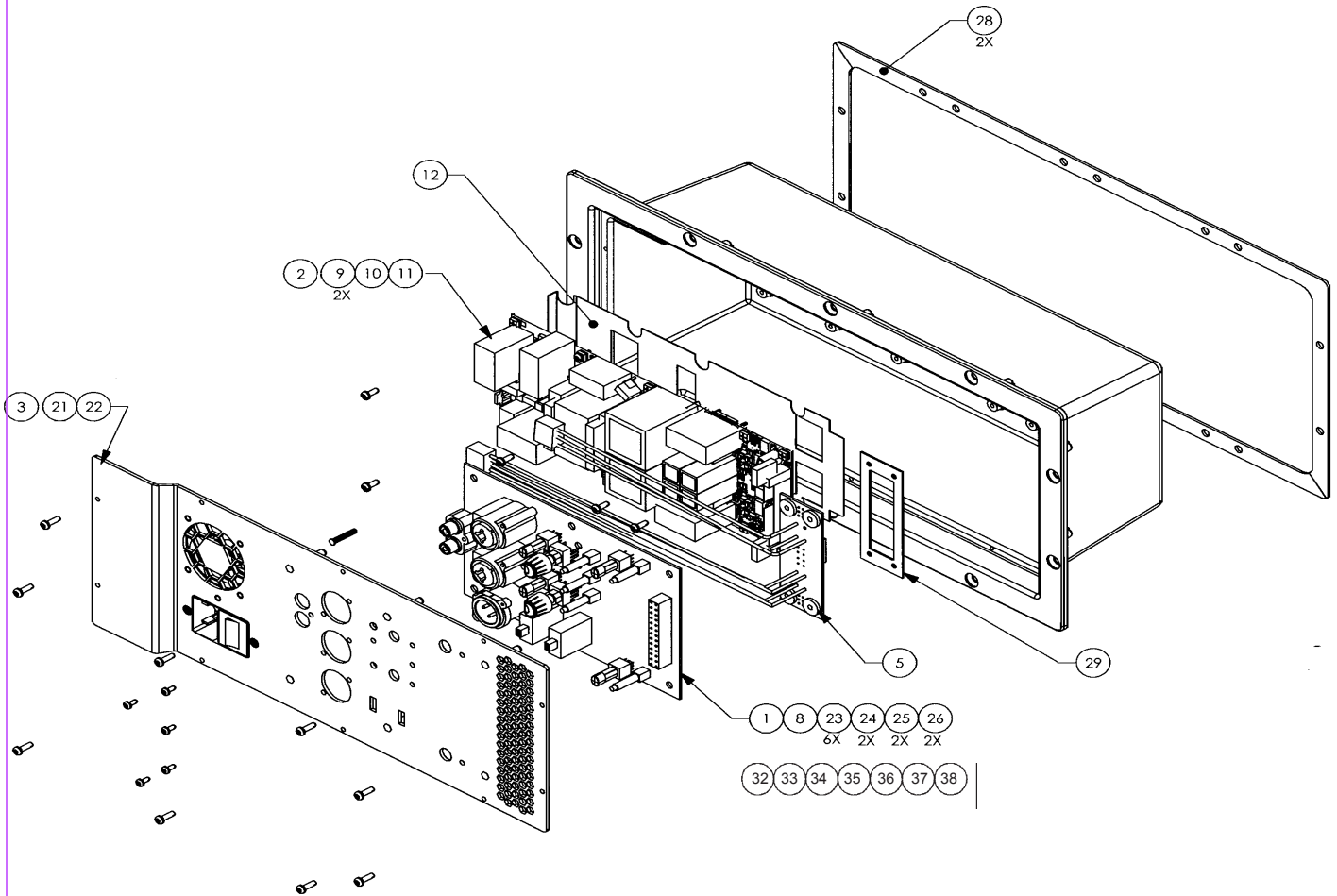
COMPONENT PARTS LIST:

Item	Part No.	Qty	Description	Ref. Des.
13	363501-002	1	HANDLE CUP	n/a
14	883-41110-08	10	SCR, 8 X 1/2, PAN, PH, PB, BLK ZINC, LCS	n/a
15	882-41110-10	6	SCR, 6 X 5/8, PAN, PH, PB, BLK ZINC, LCS	n/a
16	5032210	1	AMP ASSY, PRX710	n/a
18	804-11110-12	10	SCR, 10-32 X 3/4", FLT, PH, BLK ZINC, LCS	n/a
19	443406-001	1	POLE CUP	n/a
22	818-13714-35	9	SCR, M10 X 35MM, FLAT, HEX, BLK ZNC, ALLOY	n/a
25	353445-001	4	FOOT	n/a
26	884-41110-12	4	SCR, 10 X 3/4, PAN, PH, PB, BLK ZINC, LCS	n/a
27	364808-001	1	GASKET, POLE CUP	n/a
28	806-11010-20	3	SCR, 1/4-20 X 1 1/4, FLT, PH, UNC, BLK ZNC, L	n/a
29	5030688	1	LED PCB, PRX700	n/a
30	882-41110-12	2	SCR, 6X3/4", PAN, PH, PB, BLK	n/a
31	5034969	1	M/I M110-4	n/a
32	360-01003-00	1	GASKET, MOUNTING, 10"	n/a

Item	Part No.	Qty	Description	Ref. Des.
33	804-01110-16	8	SCR, 10-32 X 1, FIL, PH, BLK	n/a
34	5014533	1	Logo Small Plastic	n/a
35	5030729	1	GRILLE ASSY, PRX710	n/a
36	882-51110-12	10	SCR, 6 X 3/4, OV, PH, PTCL, BLK ZC, LCS	n/a
37	5024536	1	Horn, 8.5 x 5 PRX710 90 deg x 50 deg	n/a
38	5019995	1	2408-2 OD SPACE RING	n/a
39	804-41110-16	8	SCR, 10-32X1, PAN, PH, BLK	n/a
40	5020337X	1	M/I 2408H-2	n/a

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COMPONENT EXPLODED VIEW



COMPONENT PARTS LIST:

Item	Part No.	Qty	Description	Ref.Des.
1	5032671	1	Input Board Assy PRX710	n/a
2	5032687	1	PSU/Amp Board Assy PRX710	n/a
3	5032693	1	Input Plate Assy PRX710	n/a
5	5032751	1	Interface PCB 2 Way	n/a
8	5032723	1	26 Pin Ribbon Cable	n/a
9	5032725	2	GAP PAD Top (gray)	n/a
10	5032727	1	GAP PAD Middle (blue)	n/a
11	5032729	1	GAP PAD Bottom (brown)	n/a
12	5032731	1	Isolating Sheet (clear)	n/a
21	5032747	1	AC Inlet Socket	n/a
22	5032749	1	Fan Assmby	n/a
23	5034166	6	Light Pipe	n/a
24	445045	2	Volume Knob	n/a
25	363638	2	Switch Cap	n/a
26	365589	2	Switch Cap	n/a

Item	Part No.	Qty	Description	Ref.Des.
28	5032126	2	Amplifier Gasket	n/a
29	5038780	1	Pass Thru PCB Gasket	n/a
30	814-11210-10	2	AC Mains INPUT sw scr M4x2mm	n/a
31	814-41210-10	4	Pass Thru Screw M4x10mm	n/a
32	5041553	1	NC3MB AV	J4
33	5041554	2	XCR, 1/4 Combo Input	J5,J7
34	5041555	1	RCA Dual Input	J6
35	5041556	4	Switch TL2201	SW1, SW2, SW3, SW4
36	5041557	2	Slice Switch	SW3.SW4
37	5041558	2	10k 20% .05 w	VR1, VR2
38	ZD8016	1	Fuse5x20mm T6.3A/250V	F1