

Technical Manual

JBL SRX835P/230

SPECIFICATIONS



ACOUSTIC & ELECTRICAL SPECIFICATIONS:

- Frequency Response (± 3 dB): 41Hz – 20kHz
- Frequency Range (-10 dB): 33Hz – 21kHz
- Maximum SPL Output: 137 dB
- Input Impedance: 40k balanced, 20k unbalanced
- Crossover Frequency: 330Hz & 2.4kHz
- AC Power Cons. (120V~): 2.2A (1/8th Pwr), 5.6A (1/3rd Pwr)

SYSTEM COMPONENTS:

- Cabinet: Enclosure (Not For Sale)
- Grille: 5054095
- Low Frequency Driver: 2275F x 1, 15 (380mm) inch woofer
- D.C.Resistance: 2.5 ohm $\pm 10\%$
- Mid Frequency Driver: 2107H x 1, 6.5 inch (165mm) Mid
- D.C.Resistance: 4.45 ohm $\pm 10\%$

SYSTEM COMPONENTS: (CONT'D)

- High Frequency Driver: 2432H, 75mm (3 in) voice coil, neodymium compression driver
- D.C.Resistance: 4.0ohm ± 0.2 ohm

AURAL SWEEP TEST SPECIFICATIONS:

- A. System.Aural Sweep Test: 0.25V Input, 40 Hz lto 20 kHz Knob Turned Fully Clockwise to 12 dB
- B. L.F.Aural Sweep Test: 7.0V Input, 10Hz to 100 Hz
- C. M.F.Aural Sweep Test: 2.5V Input, 50 Hz to 1kHz
- D. H.F.Aural Sweep Test: 0.3V Input, 300 Hz to 1.0 kHz

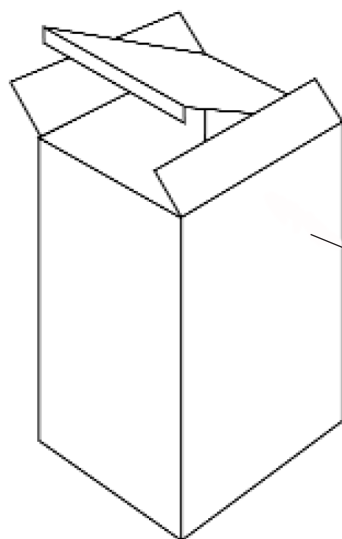
PHYSICAL SPECIFICATIONS:

- Enclosure Dimensions: 476mm x 544mm x 984mmD
(H x W x D): (18.74" x 21.4" x 38.74" D)
- Net Weight: 85 lb (38.6 kg)

WARRANTY INFORMATION:

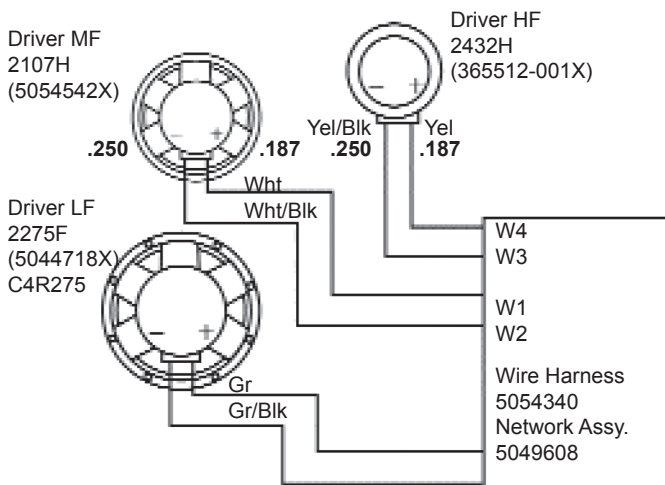
- Refer to Warranty Statement packed with each product.

PACKAGE



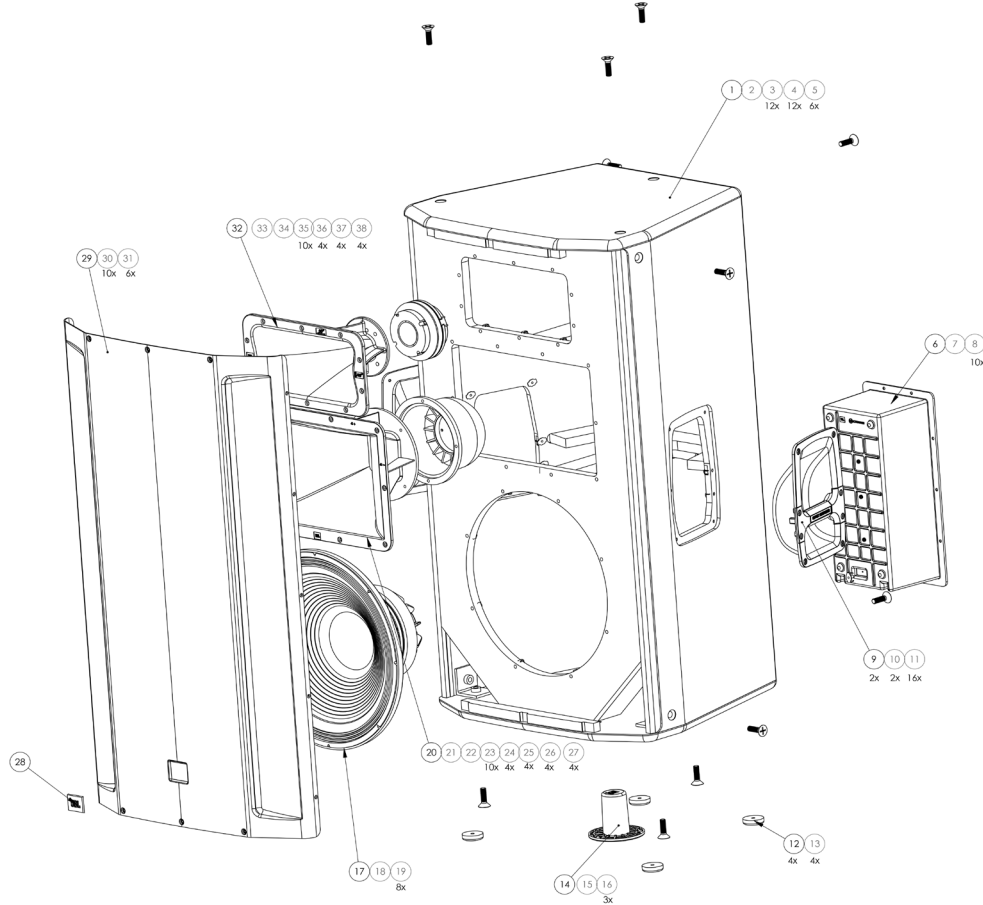
- Warranty Card 59660
- Quickstart Guide 5056239
- Carton 5054946
- Filler 5054950 (2)
- PKG, Microfoam (8) 49790P
- Cord, AC, Line 5054101 (120V)
5055626 (230V)

WIRING DIAGRAM



JBL SRX835P/230

COMPONENT EXPLODED VIEW



COMPONENT PARTS LIST:

Item	Part No.	Qty	Description
1	5049608	1	MID/HIGH CROSSOVER NETWORK
2	882-41110-10	4	SCR, 6 X 5/8,PAN,PH,PB,BLK ZINC,LCS
3	818-13714-35	12	SCR,M10 X 35MM,FLAT,HEX,BLK ZNC,ALLOY
4	884-41110-12	12	SCR,10 X 3/4,PAN,PH,PB,BLK ZINC,LCS
5	381-00023-01	6	MOUNTING SUPPORT, 90 DEGREES 2X M10
6	5069593X	1	AMPLIFIER,SRX835,FR,2 CHANNEL
7	5054340	1	WIRING HARNESS, SRX835P
8	804-11110-12	10	SCR, 10-32 X 3/4",FLT,PH,BLK ZINC,LCS
9	5048154	2	HANDLE CUP ASSY SRX800P
10	5048939	2	GASKET HANDLE
11	446376-001	16	SCREW, #8-32, HANDLE, VXP15
12	353445-001	4	FOOT, SRX
13	353445-001	4	SCREW, FOOT
14	443406-001	1	POLE CUP WITH RIDGES
15	364808-001	1	GASKET, POLE CUP
16	806-11010-20	3	SCR,1/4-20 X 1 1/4,FLT,PH,UNC,BLK ZNC,L
17	5044718X	1	M/I, 2275F
18	360-70002-01	1	GASKET, REAR 15"
19	804-01110-16	8	SCR,10-32 X 1,FIL,PH,BLK
20	5047486	1	60 x 40 Mid Horn
21	5050369	1	DRIVER HORN GASKET
22	5054542X	1	M/I, 2107H

Item	Part No.	Qty	Description
23	804-41110-16	20	SCR,10-32X1,PAN,PH,BLK
24	833-30110-00	4	NUT,10-32,KEPS,BLK ZINC,LCS,RIGHT
25	843-00110-06	4	WSHR,#10X.06,FLT PL,BLK
26	804-41100-12	4	SCR,10-32 X 7/8,PAN,PH,CLR ZINC,LCS
27	363396-002	2	GASKET, M.R. WAVEGUIDE
28	5056661	1	LOGO SRX800
29	5054095	1	GRILLE SRX835P
30	882-51110-12	10	SCR, 6 X 3/4,OV,PH,PTCL,BLK ZC,LCS
31	882-41110-12	6	SCR,6X3/4",PAN,PH,PB,BLK
32	351577-001	1	GASKET, 6.5 X 12 WAVEGUIDE
33	5047165	1	HORN, 60 X 40 SRX800 SERIES
34	365512-001X	1	M/I, 2432H
36	75815	4	STUD,1/4-20 X 1.5"LG
37	834-30010-00	4	NUT,1/4-20,KEPS,BLK ZINC,LCS,RIGHT
38	844-00110-00	4	WASHER, 1/4,,REG,BLK ZINC,LCS
48	61860	16	T-NUT 8-32X11/32
49	352214-001	10	T-NUT,10-32,SPECIAL,PRO
50	61861	28	T-NUT,10-32
51	804-90003-00	3	T-NUT, 1/4-20 X 5/16, 4 PRONG, CLR ZINC
64	5055900	1	SCR, 6/32 X 7/8 PHIL PAN EXT SEMS CLR
65	5057024	2	AMP GASKET, SRX800, 3M 9828 ADHESIVE

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AMPLIFIER EXPLODED VIEW: 5069593X

COMPONENT PARTS LIST:

Item	Part No.	Qty	Description	Ref.Des.
	5069593X		AMPLIFIER, SRX835P	
	5045718JBL	2	1/4 XLR COMBO JACK	
	5047669JBL	1	KNOB	

Item	Part No.	Qty	Description	Ref.Des.

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NETWORK SCHEMATIC: 5049608

