PARTS LIST AND DESCRIPTIONS

EMERSON
MODEL 811B (Ch. 120228-B)

TUBES (SYLVANIA, GENERAL ELECTRIC, WESTINGHOUSE)

ITEM No.	USE	REPLACEMENT DATA EMERSON PART No.	REPLACEMENT DATA STANDARD REPLACEMENT	RETMA BASE TYPE	NOTES
V1	Converter	12BE6	12BE6	7CH	
V2	IF Amplifier	12BA6	12BA6	7BK	
V3	Det.-AVC-AF Amp.	12AV6	12AV6	7BT	12AT6 used as an alternate
V4	Output	50C5	50C5	7CV	
V5	Rectifier	35W4	35W4	5BQ	

CAPACITORS

Capacity values given in the rating column are in mfd. for Electrolytic and Paper Capacitors, and in mmfd. for Mica and Ceramic Capacitors.

ITEM No.	RATING CAP.	RATING VOLT	EMERSON PART No.	CENTRALAB PART No.	ERIE PART No.	MALLORY PART No.	PYRAMID PART No.	SANGAMO PART No.	
C1A	50	150	925276			TCD497	TDL-5030-150	FMD-301	
B	30	150							
C2	.05	400	923554	DF-503		PT415	IMP4-S5	330415	
C3A	220		♦923028						
B	2000								
C	5000								
D	500								
E									
C4	.02	400	923524	DF-203	817-02	PT412	IMP4-S2	330412	
C5	.047	400	920623	DF-503		PT4147	IMP4-S47	3304147	
C6	.05	400	923554			PT415	IMP4-S5	330415	

♦ Items C3A, C3B, C3C, C3D, C3E, R5A, R5B and R5C are combined in one unit.
When replacing items separately, C3D and C3E should total 500MMF.

CONTROLS

ITEM No.	RATING RESIST-ANCE	RATING WATTS	EMERSON PART No.	IRC PART No.	CLAROSTAT PART No.	CENTRALAB PART No.	MALLORY PART No.	INSTALLATION NOTES
R1	500KΩ	½	390278					Volume & switch

RESISTORS

ITEM No.	RATING OHMS	RATING WATT	EMERSON PART No.	IRC PART No.	NOTES
R2	22KΩ	½	340812	BTS-22K	
R3	120Ω	½	340272	BTS-120	
R4	3.3Meg	½	351332	BTS-3.3Meg	
R5A	6.8Meg	½	♦923028	BTS-6.8Meg	
B	470KΩ	½		BTS-470K	
C	470KΩ	½		BTS-470K	

ITEM No.	RATING OHMS	RATING WATT	EMERSON PART No.	IRC PART No.	NOTES
R6	150Ω	½	340292	BTS-150	
R7	1500Ω	1	380532	BTA-1500	
R8	3.3Ω	½	394156		Note 1
R9	39Ω	½	340152	BTS-39	Note 1

♦ Items R5A, R5B, R5C, C3A, C3B, C3C, C3D and C3E are combined in one unit.
Note 1. Used in Ch. 120232B.

TRANSFORMER (AUDIO OUTPUT)

ITEM No.	IMPEDANCE PRI.	IMPEDANCE SEC.	EMERSON PART No.	Stancor PART No.	Merit PART No.	Triad PART No.	Halldorson PART No.	Thordarson PART No.	NOTES
T1	2.4KΩ	3.2Ω	734095 734096 ②	A-3332 ①	A-3025 ①	S-12X ①	Z1101 ①	26S58 ①	① Drill one new mounting hole. ② Used in Model 822B

PARTS LIST AND DESCRIPTIONS (Continued)

SPEAKER

ITEM No.	RATINGS SIZE	RATINGS FIELD	RATINGS V. C. IMP.	EMERSON PART No.	VIKING PART No.	QUAM PART No.	NOTES
SP1	3½"	PM	3.2Ω	180124	35J6 ①	3A07 ①	① Cut corners off for mounting same as original unit.

COILS (RF-IF)

ITEM No.	USE	DC RES. PRI.	DC RES. SEC.	EMERSON PART No.	MEISSNER PART No.	MERIT PART No.	MILLER PART No.	NOTES
L1	Ant. Coil	.6Ω		700101				
L2	Osc. Coil	.9Ω	12.5Ω	716091				
L3	Input IF	17Ω	17Ω	720187	16-6758	BC-352	13-PC1	
L4	Output IF	17Ω	17Ω	720187	16-6758	BC-353	13-PC2	

MISCELLANEOUS

ITEM No.	PART NAME	EMERSON PART No.	NOTES
M1	Tuning Cap.	900118	2 Gang - Capacity values unobtainable
	Cabinet	140590	Mahogany
	Cabinet	140590A	Ivory
	Cabinet	140590B	Ebony
	Cabinet	140590C	Forest Green
	Cabinet	140590D	French Grey
	Masonite Back	560373	Model 811B
	Masonite Back	560376	Model 822B
	Knob	460557	Tuning
	Knob	460569	On-off-volume
	Socket	583206	Interlock switch and line cord