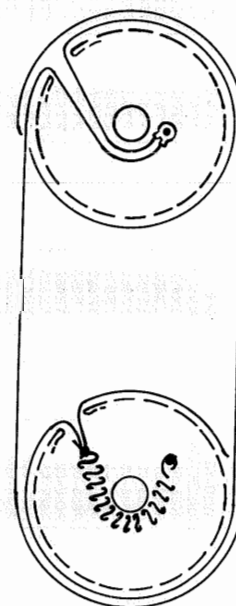




**BELL SOUND
MODELS PA3750-B, 3750-B**



TRADE NAME	Bell Sound Models PA3750-B, 3750-B
MANUFACTURER	Bell Sound Systems, Inc., 555 Marion Rd., Columbus, Ohio
TYPE SET	AC Operated 4 Channel 50 Watt Audio Amplifier
TUBES (Twelve)	Types (3) 7C6 Mic Pre. Amp., (2) 6SC7 Mixer, 6SC7 Phase Inv., 6SN7GT Driver, (2) 6L6G Audio Output, 5U4G Rectifier, 5V4G Rectifier, 5R4GY Rectifier
POWER SUPPLY	105-117-128 Volts AC-50/60 Cycles
	RATING 1.66 Amp. @ 117 Volts AC



DIALS FULLY CLOCKWISE.

(6 USED)

DRIVE CORD STRINGING

HOWARD W. SAMS & CO., INC. • Indianapolis 5, Indiana

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**BELL SOUND
MODELS PA3750-B, 3750-B**

PARTS LIST AND DESCRIPTIONS
TUBES (SYLVANIA, GENERAL ELECTRIC, WESTINGHOUSE)

BELL SOUND
MODEL PA3750-B

ITEM No.	USE	REPLACEMENT DATA		NOTES
		Bell Sound PART No.	STANDARD REPLACEMENT	
V1	Micro Pre. Amp.	7C6	7C6	
V2	Micro Pre. Amp.	7C6	7C6	8W
V3	Micro Pre. Amp.	7C6	7C6	8W
V4	Mixer	6SC7	6SC7	8S
V5	Mixer	6SC7	6SC7	8S
V6	Phase Inverter	6SC7	6SC7	8S
V7	Driver	6SN7GT	6SN7GT	8BD
V8	Output	6L6G	6L6G	7S
V9	Rectifier	6L6G	6L6G	5T
V10	Rectifier	5V4G	5V4G	5L
V11	Rectifier	5R4GY	5R4GY	5T
V12	Rectifier	5R4GY	5R4GY	5T

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. VOLT	REPLACEMENT DATA				NOTES
		Bell Sound PART No.	AEROVOX PART No.	CENTRALAB PART No.	CORNELL DUBILIER PART No.	
C1	40	450	AFH1-52	AFH1-52	A048	
C2	40	450	AFH1-52	AFH1-52	A048	
C3A	20	450	AFH2-51	AFH2-51	B040	
C3B	20	450	AFH2-51	AFH2-51	B040	
C4	100	150	AFH1-21	AFH1-21	A024	
C5	100	150	AFH1-21	AFH1-21	A024	
C6A	10	450	AFH2-47	AFH2-47	B037	
C6B	10	450	AFH2-47	AFH2-47	B037	
C7	40	450	AFH1-52	AFH1-52	A048	
C8	150	15	PRH150/150	PRH150/150	BRH015	
C9	.01	600	P688-01	P688-01	PTE681	
C10	.01	600	P688-01	P688-01	PTE681	
C11	.01	600	P688-01	P688-01	PTE681	
C12	.05	600	P688-05	P688-05	PTE685	
C13	.05	600	P688-05	P688-05	PTE685	
C14	.05	600	P688-05	P688-05	PTE685	
C15	.05	600	P688-05	P688-05	PTE685	
C16	.02	600	P688-02	P688-02	PTE682	
C17	.05	600	P688-05	P688-05	PTE685	
C18	.006	600	P688-006	P688-006	PTE6803	
C19	.003	600	P688-003	P688-003	PTE6803	
C20	.01	600	P688-01	P688-01	PTE681	
C21	.003	600	P688-003	P688-003	PTE6803	
C22	.01	600	P688-01	P688-01	PTE681	
C23	.1	600	P688-01	P688-01	PTE681	
C24	.05	600	P688-05	P688-05	PTE685	
C25	.01	2000	P688-05	P688-05	PTE685	

CONTROLS

ITEM No.	RATING RESIST. ANCE	WATTS	REPLACEMENT DATA				NOTES
			Bell Sound PART No.	CLAROSTAT PART No.	CENTRALAB PART No.	MALLORY PART No.	
R1A	1 Meg	1/2	B20066P-106	Q13-137	A47-1 Meg-ZAB-70	U-53	Mike volume # 1- Note # 1
R2A	1 Meg	1/2	Not Req.	Not Req.	KSS-3 AK-4	Not Req.	Attach to R1A
R3A	1 Meg	1/2	B20066P-106	Q13-137	A47-1 Meg-Z AB-70	U-53	Mike volume # 2- Note # 2
R4A	1 Meg	1/2	Not Req.	Not Req.	KSS-3 AK-4	Not Req.	Attach to R2A
R5A	1 Meg	1/2	B20066P-106	Q13-137	A47-1 Meg-Z AB-70	U-53	Mike volume # 3-Note # 1
R6A	1 Meg	1/2	Not Req.	Not Req.	KSS-3 AK-4	Not Req.	Attach to R3A
R7A	1 Meg	1/2	B20066P-110	Q14-137	A47-1 Meg-Z AB-70	U-53	Phono Volume - Note # 1
R8A	1 Meg	1/2	Not Req.	Not Req.	KSS-3 AK-4	Not Req.	Attach to R4A
R9A	1 Meg	1/2	B20066P-110	Q14-137	AB-68	U-53	Bass- Note # 2
R10A	1 Meg	1/2	Not Req.	Not Req.	KSS-3 AK-4	Not Req.	Attach to R5A
R11A	1 Meg	1/2	B20066P-111	Not Req.	AK-4	Not Req.	Treble & switch tapped @ 220K- Note 3.

Note 1. Some models may use an alternate control Part No. B-20066P65.
Note 2. Some models may use an alternate control Part No. B-20066P43.
Note 3. Some models may use an alternate control Part No. B-20066P54.

PARTS LIST AND DESCRIPTIONS (Continued)

ITEM No.	RATING OHMS	WATTS	REPLACEMENT DATA				NOTES
			Bell Sound PART No.	IRC PART No.	CLAROSTAT PART No.	MALLORY PART No.	
R7	10 Meg	1/2	BTS-10 Meg	BTS-10 Meg	U-53	U-53	Mike volume # 1- Note # 1
R8	150K	1/2	BTS-150K	BTS-150K	U-53	U-53	Attach to R1A
R9	100K	1/2	BTS-100K	BTS-100K	U-53	U-53	Mike volume # 2- Note # 2
R10	10 Meg	1/2	BTS-10 Meg	BTS-10 Meg	U-53	U-53	Attach to R2A
R11	150K	1/2	BTS-150K	BTS-150K	U-53	U-53	Mike volume # 3-Note # 1
R12	100K	1/2	BTS-100K	BTS-100K	U-53	U-53	Attach to R3A
R13	10 Meg	1/2	BTS-10 Meg	BTS-10 Meg	U-53	U-53	Phono Volume - Note # 1
R14	150K	1/2	BTS-150K	BTS-150K	U-53	U-53	Attach to R4A
R15	100K	1/2	BTS-100K	BTS-100K	U-53	U-53	Bass- Note # 2
R16	10K	1/2	BTS-10K	BTS-10K	U-53	U-53	Attach to R5A
R17	10K	1/2	BTS-10K	BTS-10K	U-53	U-53	Treble & switch tapped @ 220K- Note 3.
R18	50K	1/2	BTS-50K	BTS-50K	U-53	U-53	
R19	50K	1/2	BTS-50K	BTS-50K	U-53	U-53	
R20	10K	1/2	BTS-10K	BTS-10K	U-53	U-53	
R21	10K	1/2	BTS-10K	BTS-10K	U-53	U-53	
R22	10K	1/2	BTS-10K	BTS-10K	U-53	U-53	
R23	33K	1/2	BTS-33K	BTS-33K	U-53	U-53	
R24	24K	1/2	BTS-24K	BTS-24K	U-53	U-53	

Note 1. Some models may use a 50K resistor in this application.
Note 2. Some models may use a 33K resistor in this application.

TRANSFORMER (POWER)

ITEM No.	RATING PRI. SEC. 1 SEC. 2 SEC. 3	REPLACEMENT DATA				NOTES
		Bell Sound PART No.	Stanco PART No.	Merit PART No.	Thordson PART No.	
T1	117VAC 1050VCT 516VCT @ .8A .100ADCT .038ADCT 5VAC @ .8A	B-20135	B-20135	B-20135	B-20135	
T2	117VAC 1050VCT 516VCT @ .8A .100ADCT .038ADCT 5VAC @ .8A	B-20136	B-20136	B-20136	B-20136	

Note 1. This transformer has pri. taps for 105V, 117V & 125V input.

TRANSFORMER

ITEM No.	RATING PRI. SEC. 1 SEC. 2 SEC. 3	REPLACEMENT DATA				NOTES
		Bell Sound PART No.	Stanco PART No.	Merit PART No.	Thordson PART No.	
T3	117VAC 1050VCT 516VCT @ .8A .100ADCT .038ADCT 5VAC @ .8A	B-20135	B-20135	B-20135	B-20135	

Note 1. This transformer has pri. taps for 105V, 117V & 125V input.

TRANSFORMER (AUDIO OUTPUT)

ITEM No.	RATING PRI. SEC. 1 SEC. 2 SEC. 3	REPLACEMENT DATA				NOTES
		Bell Sound PART No.	Stanco PART No.	Merit PART No.	Thordson PART No.	
T4	117VAC 1050VCT 516VCT @ .8A .100ADCT .038ADCT 5VAC @ .8A	B-20135	B-20135	B-20135	B-20135	

FILTER CHOKE

ITEM No.	RATING D.C. RESISTANCE	REPLACEMENT DATA				NOTES
		Bell Sound PART No.	Stanco PART No.	Merit PART No.	Thordson PART No.	
L1	100ADCT 940 SHY	B-20055	B-20055	B-20055	B-20055	
L2	100ADCT 4000	B-20058	B-20058	B-20058	B-20058	
L3	100ADCT 4000	B-20057	B-20057	B-20057	B-20057	

Note 1. This choke has pri. taps for 105V, 117V & 125V input.

FUSES

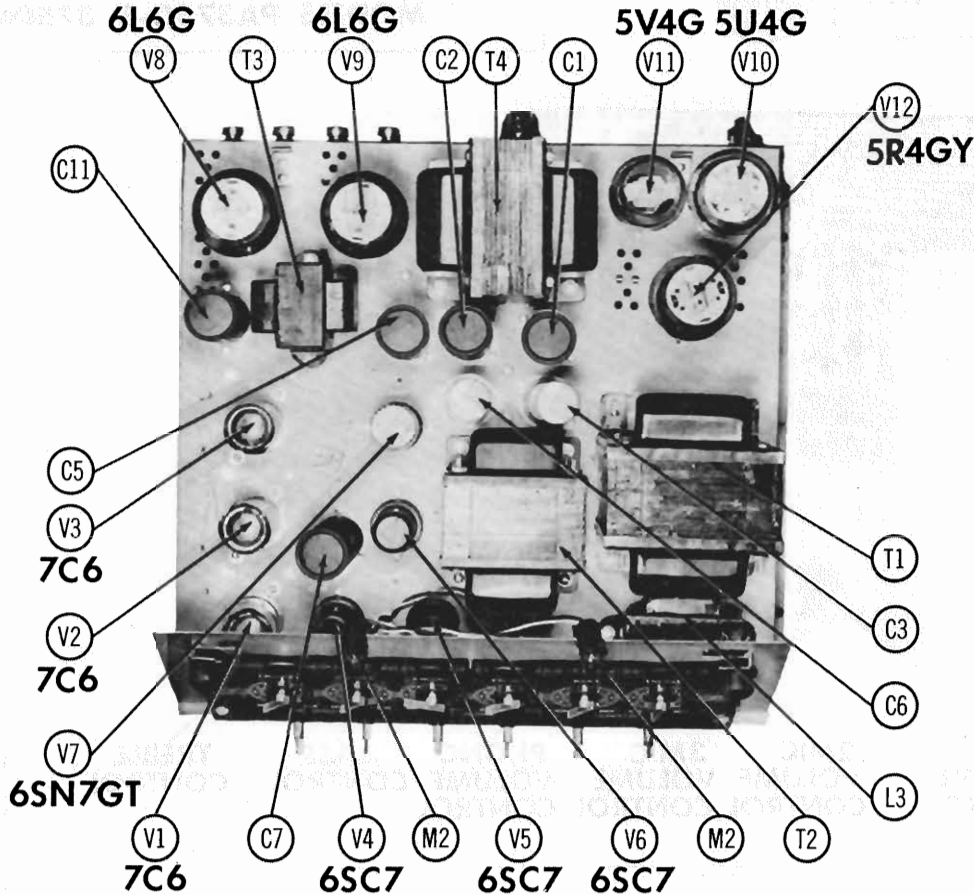
ITEM No.	TYPE	RATING	REPLACEMENT DATA				NOTES
			Bell Sound PART No.	Stanco PART No.	Merit PART No.	Thordson PART No.	
F1	3AGS/B	3A	FUSE	FUSE	FUSE	FUSE	

MISCELLANEOUS

ITEM No.	PART NAME	PART No.	REPLACEMENT DATA				NOTES
			Bell Sound PART No.	Stanco PART No.	Merit PART No.	Thordson PART No.	
M1	Diode Light						
M2	Light Switch						
M3	Relay						

FOR SYLVANIA TUBES
GENERAL ELECTRIC

CHASSIS—TOP VIEW



CHASSIS BOTTOM VIEW

