

USED ON		
MODEL	SECTION	QUAN.

AUDIO CHASSIS
(TITLE)

LIST SECTIONS

LAST SYMBOLS

- C6036
- CR6001
- J6005
- R6076
- T6003
- V6009

MISSING SYMBOLS

- C6002
- C6008
- C6026
- R6003
- R6008
- R6015
- R6032
- R6033
- R6034
- R6035
- R6040
- R6063
- R6070

- 1. ELECTRICAL / MECHANICAL (PG.1-4)
TUBES & DIODES (PG.5)
- 2. HARDWARE (PG.6-7)
- 3. RAW MATERIALS (PG.8-9)
- 4. SUPPORTING DRAWINGS (PG.10)
- 5. SPECIFICATIONS (PG.11)
- 6. LOOSE ITEMS NONE REQ.
- 7. PARTS PECULIAR NONE REQ.

TYPED 10/20/61
CHECKED [Signature]
APPROVED [Signature]

MATERIAL LIST				REV	A	B	C	D	E	F	G	H	J	MODEL	SBS-1/Audio		
														SHEET	1	OF	11
QUAN. PER UNIT	PART NO.	DWG. REV.	DWG. SIZE	DESCRIPTION ELECTRICAL/MECHANICAL	REF.	LOCATION		SYMBOLS									
						USED ON	QUAN.										
1	A-2193-1		4	Machining, Terminal Board, Detector		A-2193-4	1										
1	A-2193-2		4	Lettering, Terminal Board, Detector		A-2193-4	1										
1	A-2193-3		4	Sub-Assembly, Terminal Board, Detector		A-2193-4	1										
1	A-2194-1		4	Machining, Terminal Board, Channel "A"		A-2194-4	1										
1	A-2194-2		4	Lettering, Terminal Board, Channel "A"		A-2194-4	1										
1	A-2194-3		4	Sub-Assembly, Terminal Board, Channel "A"		A-2194-4	1										
1	A-2195-1		4	Machining, Terminal Board, Channel "B"		A-2195-4	1										
1	A-2195-2		4	Lettering, Terminal Board, Channel "B"		A-2195-4	1										
1	A-2195-3		4	Sub-Assembly, Terminal Board, Channel "B"		A-2195-4	1										
2	CC-100-9		2	Capacitor, Fixed, Ceramic, Disc, .001 uf		A-2361	2	C6011, 6034									
10	CC-100-24		2	Capacitor, Fixed, Ceramic, Disc, .02 uf		A-2361-4	1	C6035, 6017, 6014,									
						A-2194-4	3	C6012, 6013, 6014									
						A-2361-4	2	C6023, 6036, 6037,									
						A-2195-4	3	C6027, 6028, 6029									
						A-2361	1	C6033, 6038, 6039,									
8	CC-100-37		2	Capacitor, Fixed, Ceramic, Disc, .1 uf		A-2361	8	C6006, 6007, 6010, C6021, 6022, 6025, C6031, 6032									
4	CE-107-1			Capacitor, Fixed, Electrolytic, 50 MFD		A-2193-4	1	C6005,									
						A-2361	1	C6015,									
						A-2193-4	1	C6019,									
						A-2361	1	C6030									
2	CE-108-1		2	Capacitor, Fixed, Electrolytic, 20 MFD		A-2361	2	C6003A, B, C, 6018A, B, C									
2	CM15B471K		2	Capacitor, Fixed, Mica		A-2193-4	2	C6004, 6020									
2	CM20C132K		2	Capacitor, Fixed, Mica		A-2194-4	1	C6009,									
						A-2195-4	1	C6024									

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SHEET 2 OF 11

QUAN. PER UNIT	PART NO.	DWG. REV.	DWG. SIZE	DESCRIPTION ELECTRICAL/MECHANICAL	REF.	LOCATION		SYMBOLS
						USED ON	QUAN.	
2	CM20C561J		2	Capacitor, Fixed, Mica, 560 uuf		A-2193-4	2	C6001,6017
2	CM20C821J		2	Capacitor, Fixed, Mica, 820 uuf		A-2193-4	2	C6000,6016
4	JJ-216		1	Connector, Receptacle		A-2361	4	J6000 thru 6003
1	MS-2704		8	Chassis, Audio	LD-1001	A-2361	1	
6	RC20GF102J		2	Resistor, Fixed, Composition		A-2194-4 A-2195-4	3 3	R6013,6017,6021, R6049,6054,6058
8	RC20GF103J		2	Resistor, Fixed, Composition		A-2361 A-2193-4 A-2194-4 A-2361 A-2193-4 A-2195-4	1 1 2 1 1 2	R6004, R6006, R6014,6018, R6041, R6043, R6051,6055
6	RC20GF105J		2	Resistor, Fixed, Composition		A-2194-4 A-2195-4	3 3	R6012,6019,6022, R6050,6056,6059
2	RC20GF123J		2	Resistor, Fixed, Composition		A-2194-4 A-2195-4	1 1	R6011, R6048
2	RC20GF150J		2	Resistor, Fixed, Composition		A-2193-4	2	R6010,6047
2	RC20GF152J		2	Resistor, Fixed, Composition		A-2193-4	2	R6002,6039
2	RC20GF153J		2	Resistor, Fixed, Composition		A-2361	2	R6005,6042
2	RC20GF331J		2	Resistor, Fixed, Composition		A-2361	2	R6074,6075
4	RC20GF333J		2	Resistor, Fixed, Composition		A-2194-4 A-2195-4	2 2	R6016,6020, R6053,6057
2	RC20GF391J		2	Resistor, Fixed, Composition		A-2193-4	2	R6009,6046

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QUAN. PER UNIT	PART NO.	DWG. REV.	DWG. SIZE	DESCRIPTION ELECTRICAL/MECHANICAL	REF.	LOCATION		SYMBOLS
						USED ON	QUAN.	
2	RC20GF392J		2	Resistor, Fixed, Composition		A-2194-4 A-2195-4	1 1	R6024, R6061
4	RC20GF393J		2	Resistor, Fixed, Composition		A-2194-4 A-2195-4	2 2	R6023, 6025, R6060, 6062
7	RC20GF470J		2	Resistor, Fixed, Composition		A-2194-4 A-2361 A-2195-4 A-2361 A-2193-4 A-2193-4	2 1 2 3 1 1	R6029, 6031, R6052, R6066, 6068, R6071, 6072, 6076 R6045 R6000, 6037
2	RC20GF472J		2	Resistor, Fixed, Composition				
4	RC20GF473J		2	Resistor, Fixed, Composition		A-2193-4	4	R6001, 6007, 6038, R6044,
4	RC20GF474J		2	Resistor, Fixed, Composition		A-2194-4 A-2195-4	2 2	R6027, 6028, R6064, 6065
2	RC20GF683J		2	Resistor, Fixed, Composition		A-2361	2	R6026, 6069
2	RC32GF331J		2	Resistor, Fixed, Composition		A-2194-4 A-2195-4	1 1	R6030, R6067

MATERIAL LIST

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QUAN. PER UNIT	PART NO.	DWG. REV.	DWG. SIZE	DESCRIPTION ELECTRICAL/MECHANICAL	REF.	LOCATION		SYMBOLS
						USED ON	QUAN.	
2	RV106UX10C101A		2	Resistor, Variable, Composition, 1/2 Watt		A-2361	2	R6036,6073
2	TF-228-K-15		2	Transformer, Pulse		A-2193-4	2	T6000,6002
2	TF-237		2	Transformer, Audio Power		A-2361	2	T6001,6003
4	TM-117-10		1	Terminal Strip		A-2361	4	
2	TM-117-11		1	Terminal Strip		A-2361	2	
2	TS-101-P01		1	Socket, Tube, Octal		A-2361	2	XC6003,6018
4	TS-102-P01		1	Socket, Tube, 7 pin		A-2361	4	XV6003,6004,6008, XV6009
4	TS-102-U02		1	Shield, Tube, 7 pin		A-2361	4	For V6003,6004,6008, V6009
6	TS-103-P01		1	Socket, Tube, 9 pin		A-2361	6	XV6000,6001,6002, XV6005,6006,6007
6	TS-103-U02		1	Shield, Tube, 9 pin		A-2361 A-2361	3 3	For V6000,6001,6002, V6005,6006,6007
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QTY. PER UNIT	PART NO.	DWG. REV.	DWG. SIZE	DESCRIPTION	REF.	LOCATION		SYMBOLS
						USED ON	QUAN.	
				TUBES & DIODES				
2	1N34-A	-		Semiconductor Device, Diode, Silicon		A-2193-4	2	CR6000, 6001
4	6AK6	-		Tube, Electron, Power Ampl.		A-2361	4	V6003, 6004, V6008, 6009
2	5814A	-		Tube, Electron, Product Detector		A-2361	2	V6000, 6005
4	12AX7	-		Tube, Electron, 1st Audio Ampl. 2nd Audio Ampl. 3rd Audio Ampl. Phase Invertor 1st Audio Ampl. 2nd Audio Ampl. 3rd. Audio Ampl. Phase Invertor		A-2361	4	V6001A, V6001B, V6002A, V6002B, V6006A, V6006B, V6007A, V6007B

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														SHEET	6 OF 11
QUAN. PER UNIT	PART NO.	DWG. REV.	DWG. SIZE	DESCRIPTION HARDWARE	REF.	LOCATION		SYMBOLS							
						USED ON	QUAN.								
2	CU-102-7		1	Clamp "G" Type		A-2361	2								
2	CU-118-4-S		2	Clamp, Tube		A-2361	2								
2	FW06HBN		1	Washer, Flat		CU-102 Mtg.	2								
8	LWE02MRN		1	Washer, Lock, External		TE-115 Mtg.	8								
32	LWE04MRN		1	Washer, Lock, External		TE-102 Mtg.	6								
						TE-113 Mtg.	4								
						TM-117 Mtg.	2								
						TS-102 Mtg.	8								
						TS-103 Mtg.	12								
33	LWE06MRN		1	Washer, Lock, External		A-2193 Mtg.	3								
						A-2194 Mtg.	3								
						A-2195 Mtg.	3								
						CU-102 Mtg.	2								
						MS-2704 Mtg.	4								
						CU118 Mtg.	2								
						TF-228 Mtg.	4								
						TF-237 Mtg.	8								
						TS-101 Mtg.	4								
						MS-2704	10								
10	NT-129-632-4		1	Nut, Swage											
26	NTH0440BN6		1	Nut, Hex.		TE-113 Mtg.	4								
						TM-117 Mtg.	2								
						TS-102 Mtg.	8								
						TS-103 Mtg.	12								
23	NTH0632BN8		1	Nut, Hex.		CU-102 Mtg.	2								
						TF-228 Mtg.	4								
						TF-237 Mtg.	8								
						TS-101 Mtg.	4								

MATERIAL LIST				REV	A	B	C	D	E	F	G	H	J	MODEL	SBS-1/Audio
														SHEET 7	OF 11
QUAN. PER UNIT	PART NO.	DWG. REV.	DWG. SIZE	DESCRIPTION HARDWARE	REF.	LOCATION		SYMBOLS							
						USED ON	QUAN.								
18	SCBP0256BN4		1	Screw, Machine		TE-115 Mtg.	8								
32	SCBP0440BN5		1	Screw, Machine		TE-102 Mtg.	6								
						TE-113 Mtg.	4								
						TM-117 Mtg.	2								
						TS-102 Mtg.	8								
						TS-103 Mtg.	12								
21	SCBP0632BN5		1	Screw, Machine		A-2193 Mtg.	3								
						A-2194 Mtg.	3								
						A-2195 Mtg.	3								
						CU-102 Mtg.	2								
						MS-2704 Mtg.	4								
						TS-101 Mtg.	4								
						CU118 Mtg.	2								
6	TE-102-2		1	Terminal, Turret		A-2361	6								
6	TE-108-1		1	Standoff, Rivet, Type		A-2194-3	3								
3	TE-108-12		1	Standoff, Rivet Type		A-2195-3	3								
						A-2193-3	3								
8	TE-113-.120		1	Terminal Lug		A-2361									
8	TE-115-		1	Terminal, Turret, Midget		A-2361									
156	TE-168-4B		1	Terminal, Miniature		A-2193-3	64								
						A-2194-3	46								
						A-2195-3	46								
2	TE-169-3		1	Terminal, Miniature		A-2361	2								

MATERIAL LIST

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QUAN. PER UNIT	PART NO.	DWG. REV.	DWG. SIZE	DESCRIPTION RAW MATERIALS	REF.	LOCATION		SYMBOLS
						USED ON	QUAN.	
10	BS-100		1	Solder, Soft				
	CD-101-1MW		1	Cord, Lacing	Black	CA-657		
	LA-101		1	Marker, Wire, No's. 1 thru 10		CA-657	10	
	LWC28(7)U2		2	Cable, Insulated	Red	CA-657		
	LWC28(7)U6		2	Cable, Insulated	Blue	CA-657		
	LWC28(7)U92		2	Cable, Insulated	Wh/Red	CA-657		
	LWC28(7)U94		2	Cable, Insulated	Wh/Yellow	CA-657		
	MWC22(7)SJ4		2	Cable, Insulated, Shield W/Jacket	Yellow	CA-657		
	MWC22(7)SJ5		2	Cable, Insulated, Shield W/Jacket	Green	CA-657		
	MWC22(7)SJ6		2	Cable, Insulated, Shield W/Jacket	Blue	CA-657		
	MWC22(7)U1		2	Cable, Insulated	Brown	CA-657		
	MWC22(7)U91		2	Cable, Insulated	Wh/Brown	CA-657		
	MWC24(7)U1		2	Cable, Insulated	Brown	CA-657		
	MWC24(7)U2		2	Cable, Insulated	Red	CA-657		
	MWC24(7)U4		2	Cable, Insulated	Yellow	CA-657		
	MWC24(7)U5		2	Cable, Insulated	Green	CA-657		
	MWC24(7)U7		2	Cable, Insulated	Violet	CA-657		
	MWC24(7)U9		2	Cable, Insulated	White	CA-657		
	MWC24(7)U90		2	Cable, Insulated	Wh/Black	CA-657		
	MWC24(7)U92		2	Cable, Insulated	Wh/Red	CA-657		
MWC24(7)U94		2	Cable, Insulated	Wh/Yellow	CA-657			
MWC24(7)U95		2	Cable, Insulated	Wh/Green	CA-657			
MWC24(7)U97		2	Cable, Insulated	Wh/Violet	CA-657			
PX-104-1-.022-			1	Sleeving, Size 24	Black	A-2193-4 A-2194-4 A-2195-4		

MATERIAL LIST				REV	A	B	C	D	E	F	G	H	J	MODEL	SBS-1/Audio
														SHEET	9 OF 11
QUAN. PER UNIT	PART NO.	DWG. REV.	DWG. SIZE	DESCRIPTION RAW MATERIALS	REF.	LOCATION		SYMBOLS							
						USED ON	QUAN.								
	PX-104-2-.022		1	Sleeving, Size 24	Yellow	A-2194-4									
	PX-104-3-.022		1	Sleeving, Size 24	Red	A-2194-4									
	PX-104-4-.022		1	Sleeving, Size 24	Green	A-2193-4									
	PX-104-5-.022		1	Sleeving, Size 24	Brown	A-2194-4									
	PX-104-6-.022		1	Sleeving, Size 24	Blue	A-2195-4									
	PX-104-7-.022		1	Sleeving, Size 24	Gray	A-2193-4									
	PX-104-8-.022		1	Sleeving, Size 24	Orange	A-2194-4									
	RG-174/U		1	Cable, Coaxial	Black	CA-657									
	WL-100-8		1	Wire, Buss, Size 24		A-2193-4									
						A-2194-4									
						A-2195-4									

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SHEET 10 OF 11

QUAN. PER UNIT	PART NO.	DWG. REV.	DWG. SIZE	DESCRIPTION SUPPORTING DRAWINGS	REF.	LOCATION		SYMBOLS
						USED ON	QUAN.	
1	A-2193-4		4	Final Ass'y., Terminal Board, Detector		A-2361	1	
1	A-2194-4		4	Final Ass'y., Terminal Board, Channel "A"		A-2361	1	
1	A-2195-4		4	Final Ass'y., Terminal Board, Channel "B"		A-2361	1	
1	A-2361			Final Assembly, Audio Chassis				
1	CA-657		8	Cable, Audio Chassis		A-2361	1	
1	CK-528		8	Schematic Diagram				
1	LD-1001		8	Lettering, Audio Chassis	MS-2704	A-2361	1	

MATERIAL LIST

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SHEET 11 OF 11

QUAN. PER UNIT	PART NO.	DWG. REV.	DWG. SIZE	DESCRIPTION SPECIFICATIONS	REF.	LOCATION		SYMBOLS
						USED ON	QUAN.	
	S-115		1	Smooth Gray Enamel		TF-237		
	S-404		1	Yellow Iridite		All Metal Work		
	S- See SBS-1 List		1	Test Procedure, <i>ultra-sonic</i>				

REVISION SHEET

THE TECHNICAL MATERIEL CORP.
MAMARONECK NEW YORK

SBS-1/Audio

MODEL SBS-1/Audio

PROJECT NO. _____

DATE	REV.	PAGE	EMN #	DESCRIPTION	CHK.	APP.
3/16/62	A	title	6532	On last symbol change U6009 to V6009.	}	16
		3		Chg. RC20GF392J to RC20GF392K.		
		4		On TS-101-PO1 Chg. U/O from CE-108 Mtg. to A-2361, add symbols XC6003,6018.		
		5		On 12AX7, add symbols: V6001A,B, V6002A,B, V6006A,B, V6007A,B.		
		7		Chg. TE-169-3-P60-9 to TE-169-3.		
8/17/62	B	11	7031	Dele. S-632. Add note: "See SBS-1 List".	}	16
10/1/62	C	7	7287	Chg. TE-108-2 to TE-108-12		
1/23/63	D	4	8085	Dele. 2 ea. TS-103-U03 (For V6000,6005) Chg. TS-103-U02 Quan. from 4 to 6 (add: For V6000,6005)		
		5		Dele. 2 ea. 6S4 (V6000,6005) Add 2 ea. 5814A (V6000,6005)	}	16
8/26/63	E	7	9858	Revised Sheet 7 per EMN		
9-18-63	F	1	10,012	Revised Sheet 1 per EMN		
2/4/64	G	---	10704	Revised Sheet 1 and TITLE Sheet per EMN.	}	16
8/21/64	H	6,7	12199	Revised sht. 6,7 per EMN		
3/4/66	J	2,3	15884	Revised per EMN		
						WR