

1	12/11/01	ADDED OPT3A	N00722			
0	8/30/01	CONTROL ISSUE				
Rev.	Date	DESC.	ECR(s)/ECN(s)	Chgd by	Appvd by	DATE
THE INFORMATION CONTAINED ON THIS DRAWING IS PROPRIETARY TO ST. LOUIS MUSIC, INC.						
			SLM Electronics 11880 Borman Drive, St. Louis, MO 63146			
Signatures:		Date:				
Drawn: WFB		7/24/01				
Checked:				First Used On:	SVT5PROa	
Released:						
Tolerance:	Drawing Size:	A		Drawing Title:	BASS PREAMP "A"	
	Drawing Type:	PL				
	Class Code:			Drawing No.:	07-565-PL	
	Scale:	N/A				

PARTS LIST

ASSEMBLY PART #

07-565-01

REVISION 1

ITEM	P/N	QTY	DESC	VALUE	LABEL
PWB1A	06A565-01	1	SVT5PRO PREAMP PCB		
C3A	10-104-10	1	.1uF 400V [10per TOL] WIMA MTLPOLY	0.1	
C20A	10-473-10	1	.047 uF 400V [10per TOL] WIMA MTLPOLY	0.047	
C10A	10A101-21	2	100 pF 200V 10per NPO	100 pF	
OPT3A					
C43A	10A102-11	1	.001 uF 100V 10per X7R	0.001	
C4A	10A103-11	4	.01 uF 100V 10per X7R	0.01	
C29A					
C31A					
C32A					
C5A	10A104-01	2	.1 uF 50V 10per X7R	0.1	
C18A					
C13A	10A153-01	2	.015 uF 50V 10per X7R	0.015	
C26A					
C24A	10A222-11	1	.0022uF 100V 10per NPO	0.0022	
C8A	10A223-01	2	.022 uF 50V 10per X7R	0.022	
C22A					
C41A	10A224-01	2	.22 uF 50V 10per X7R	0.22	
C42A					
C53A	10A331-11	1	330 pF 100V 10per NPO	330 pF	
C35A	10A333-01	1	.033 uF 50V 10per X7R	0.033	
C14A	10A471-11	1	470 pF 100V 5per NPO	470 pF	
C16A	10A472-11	1	.0047 uF 100V 10per X7R	0.0047	
C6A	10A473-11	7	.047 uF 100V 10per X7R	0.047	
C9A					
C23A					
C30A					
C40A					
C44A					
C55A					
C34A	10F224-03	3	.22 uF 100V 10per RAD POLY FORMED	0.22	
C36A					
C38A					
C7A	10R103-03	1	.01 uF 100V 10per RAD POLY	0.01	
C17A	10R104-03	1	.1 uF 100V 10per RAD POLY	0.1	
C19A	10R221-04	1	220 pF 400V 10per Z5F DISK RADIAL TAPED	220 pF	
C51A	10R332-03	4	.0033 uF 100V 10per RAD POLY	0.0033	
C54A					
C56A					
C57A					
C15A	12R105-50	3	1 uF 50V 20per EL	1	
C33A					
C50A					
C11A	12R105-51	4	1 uF 50V 20per EL NP		
C12A					
C27A					
C39A					
C1A	12R106-35	3	10 uF 35V 20per EL	10	
C2A					

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ITEM	P/N	QTY	DESC	VALUE	LABEL
C45A					
C21A	12R225-51	3	2.2 uF 50V 20per EL NP	2.2	
C28A					
C37A					
C25A	12R226-81	1	22 uF 50V 20per EL NP	22	
C46A	12R226-82	6	22 uF 16V 20per EL NP		
C47A					
C48A					
C49A					
C52A					
C58A					
J4A	17-100-10	1	.1 MTSS100-10 HEADER	0	
J3A	17-105-02	2	.1 ST POL LOCK MTSS100-2 HEADER	FROM TUBE BD	
J14A				TO MAIN BD	
J2A	17-105-03	2	.1 ST POL LOCK MLSS100-3 HEADER	TO TUBE BD	
J12A				FROM MAIN BD	
J9A	17-105-05	1	.1 ST POL LOCK MTSS100-5 HEADER	0	
J6A	17-105-08	3	.1 ST POL LOCK MTSS100-8 HEADER		
J7A					
J10A				100-8V	
J5A	17-105-12	2	.1 ST POL LOCK MTSS100-12 HEADER	0	
J8A					
J11A	17-309-02	1	.156 ST POL MPSS156-2-D HEADER	FROM LINE OUTS	
J13A	17-450-09	1	9 PIN PC MNT TUBE SOCKET	9-PIN	{Lable}
D1A	21-501-01	1	RED LED ASSY, HI EFF.	RED	0
D2A	21-503-01	1	YELLOW LED ASSY HI-EFF	YEL	
D3A	21-512-01	1	BILEVEL GRN & RED LED ASSY R.A.	BI-LEVEL	
D17A	21A146-01	3	3.3V .4W ZENER 28 ohm Zz	1N746ARL	
D20A					
D24A					
D4A	21A914-01	24	75V PIV 10mA/1V .5W	1N914	
D5A					
D6A					
D7A					
D8A					
D9A					
D10A					
D11A					
D12A					
D13A					
D14A					
D15A					
D16A					
D18A					
D19A					
D21A					
D22A					
D23A					
D25A					
D26A					

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REVISION 1

ITEM	P/N	QTY	DESC	VALUE	LABEL
D27A					
D28A					
D29A					
D30A					
IC1A	37-072-01	2	TLO-72CP DUAL OP-AMP	TLO-72	
IC2A					
IC4A	37-074-01	4	TLO-74 QUAD OP-AMP	TLO-74	
IC6A					
IC7A					
IC8A					
IC5A	37-413-01	1	CD4013 DUAL FLIP-FLOP CMOS 'D' TYPE	CD4013	
IC3A	37-532-01	1	NE5532(N/P) DUAL OP-AMP	NE5532	
J1A	39-114-05	1	VERT TRS JACK W/SHUNTS L.S. LCKWSH	114BPC	INPUT
OC1A	66-101-01	1	VTL-5C3 VACTROL	VTL-5C3	0
P9A	70-103-24	1	10K LINEAR W/DETENT [10per TOL]	10K L	BALANCE
P7A	70-104-26	1	100K REV AUDIO 15per@50per DUAL	100K RA	MASTER
P8A	70-104-54	1	100K LINEAR 5per@50per QUAD	100K L	XOVER FREQ.
P1A	70-105-22	1	1M LOG 15per@50per (10per TOL)	1M LOG	GAIN
P6A	70-133-01	1	50K LINEAR 30per@50per (10per TOL)	50K L	OCTAVE
P2A	70-254-22	2	250K AUDIO 5per@50per [10per TOL]	250K A	BASS
P4A					TREBLE
P5A	70-306-01	1	250K LINEAR [10per TOL]	250K L	VOLUME
P3A	70-503-22	1	50K AUDIO 15per@50per (10per TOL)	50K A	MID
R79A	76-102-01	3	1K OHM .25W 5per RESISTOR	1K	0
R108A			1K OHM .25W 5per RESISTOR		
R116A			1K OHM .25W 5per RESISTOR		
R31A	76-103-01	19	10K OHM .25W 5per RESISTOR	10K	
R58A					
R61A					
R67A					
R73A					
R74A					
R86A					
R87A					
R88A					
R89A					
R90A					
R91A					
R93A					
R94A					
R95A					
R97A					
R100A					
R102A					
R127A					
R9A	76-103-02	2	10K OHM .25W 1per RESISTOR		
R114A					
R6A	76-104-01	25	100K OHM .25W 5per RESISTOR	100K	
R8A					
R12A					

PARTS LIST

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REVISION 1

ITEM	P/N	QTY	DESC	VALUE	LABEL
R24A					
R26A					
R27A					
R30A					
R32A					
R33A					
R41A					
R42A					
R46A					
R52A					
R53A					
R60A					
R62A					
R63A					
R70A					
R72A					
R77A			100K OHM .25W 5per RESISTOR		
R82A			100K OHM .25W 5per RESISTOR		
R107A					
R134A					
R135A					
R136A					
R11A	76-105-01	7	1M OHM .25W 5per RESISTOR	1M	
R29A					
R49A					
R120A					
R122A					
R123A					
R129A					
R15A	76-152-01	3	1.5K OHM .25W 5per RESISTOR	1.5K	
R83A					
R85A					
R98A	76-153-02	1	15.4K OHM .25W 1per RESISTOR	15.4K	
R56A	76-154-01	1	150K OHM .25W 5per RESISTOR	150K	
R104A	76-182-01	2	1.8K OHM .25W 5per RESISTOR	1.8K	
R105A			1.8K OHM .25W 5per RESISTOR		
R45A	76-221-01	2	220 OHM .25W 5per RESISTOR	220	
R55A					
R54A	76-222-01	3	2.2K OHM .25W 5per RESISTOR	2.2K	
R128A					
R130A					
R21A	76-223-01	8	22K OHM .25W 5per RESISTOR	22K	
R43A					
R44A					
R47A					
R80A					
R92A					
R96A					
R113A					
R28A	76-224-01	5	220K OHM .25W 5per RESISTOR	220K	

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REVISION 1

ITEM	P/N	QTY	DESC	VALUE	LABEL
R39A					
R59A					
R75A			220K OHM .25W 5perRESISTOR		
R115A			220K OHM .25W 5per RESISTOR		
R126A	76-242-02	1	2.49K OHM .25W 1per RESISTOR	2.49K	
R25A	76-272-01	2	2.7K OHM .25W 5per RESISTOR	2.7K	
R106A			2.7K OHM .25W 5perRESISTOR		
R57A	76-332-01	1	3.3K OHM .25W 5per RESISTOR	3.3K	
R99A	76-333-01	1	33K OHM .25W 5per RESISTOR	33K	
R36A	76-334-01	3	330K OHM .25W 5per RESISTOR	330K	
R40A					
R50A					
R109A	76-352-02	6	3.57K OHM .25W 1per RESISTOR	3.57K	
R110A					
R111A					
R112A					
R124A					
R125A					
R3A	76-470-01	2	47 OHM .25W 5per RESISTOR	47	
R10A					
R76A	76-471-01	1	470 OHM .25W 5per RESISTOR	470	
R13A	76-472-01	4	4.7K OHM .25W 5per RESISTOR	4.7K	
R14A					
R20A					
R37A					
R18A	76-473-01	16	47K OHM .25W 5per RESISTOR	47K	
R38A					
R48A					
R51A					
R64A					
R65A					
R66A					
R68A					
R78A					
R81A			47K OHM .25W 5perRESISTOR		
R84A					
R101A			47K OHM .25W 5per RESISTOR		
R117A					
R118A					
R119A					
R121A					
R7A	76-473-02	2	47.5K OHM .25W 1per RESISTOR	47.5K	
R133A					
R16A	76-474-01	6	470K OHM .25W 5per RESISTOR	470K	
R17A					
R22A					
R23A					
R71A					
R103A					
R19A	76-683-01	2	68K OHM .25W 5per RESISTOR	68K	

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ASSEMBLY PART #

07-565-01

REVISION 1

ITEM	P/N	QTY	DESC	VALUE	LABEL
R35A					
R69A	76-822-01	1	8.2K OHM .25W 5RESISTOR	8.2K	
R34A	77-104-02	1	100K OHM .5W 1per RESISTOR	100K	
R5A	77-105-02	1	1M OHM .5W 1per RESISTOR	1M	
R1A	77-120-11	2	12 OHM .5W 5per RESISTOR HIGH-SURGE	12	
R4A					
R2A	77-224-02	2	221K OHM .5W 1per RESISTOR	221K	
R131A					
R132A	77-332-02	1	3.32K OHM .5W 1per RESISTOR	3.32K	
SW1A	88-303-02	4	LTB 2UEE/4UEE NO CAP/ECG DUAL DPDT	DPDT	-15 db
SW2A				0	ULTRA LOW
SW3A					COMPRESSOR
SW4A					CHANNEL
T1A	94-025-01	2	PC MT OUTPUT XFMR 4:1	0.167361111	0
T2A					
Q16A	96-222-02	1	MPQ2222A NPN 40V .65W EA. .5A EA.	MPQ2222A	
Q3A	96R013-01	2	MPSA13 NPN 30V 1.5W .5A DARLINGTON	MPS-A13	
Q19A					
Q8A	96R112-01	3	J112 N-CH -35Vdg -5Vgs(off) 50ohmRdsON	J112	
Q9A					
Q10A					
Q2A	96R175-01	7	J175 P-CH 30Vds 3Vgs(off) 125ohmRdsON	J175	
Q5A					
Q6A					
Q11A					
Q12A					
Q17A					
Q18A					
Q1A	96R510-01	6	2N5210 NPN 50V 1.5W 50mA	2N5210	
Q4A					
Q7A					
Q13A					
Q14A					
Q15A					
Q20A	96R587-01	1	2N5087 PNP -50V 1.5W -50mA	2N5087	
W3A	97-168-32	1	3.5 RED STRIP WIRE	20 G RED	RED
W2A	97-168-38	1	3.5 WHITE STRIP WIRE	WHT WIRE	WHT
W1A	97-168-39	1	3.5 BLUE STRIP WIRE	BLUE WIRE	BLUE
BLUE	0	0	0	BLUE	0
OFF13				0	
OFF14					
OFF15					
OFF16					
OFF17					
RED				RED	
WHT				WHT	
				0	