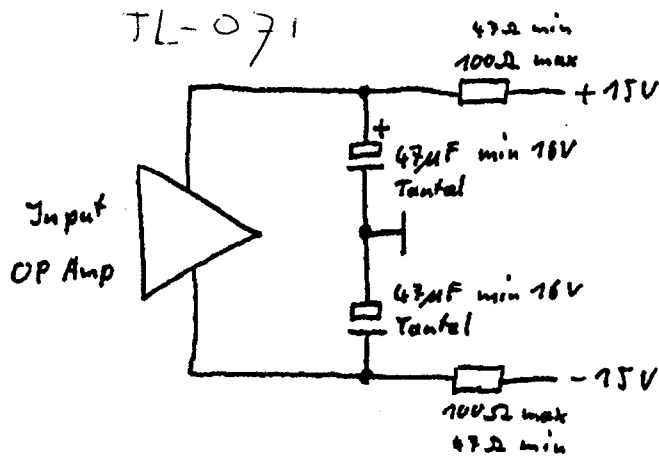


Solution

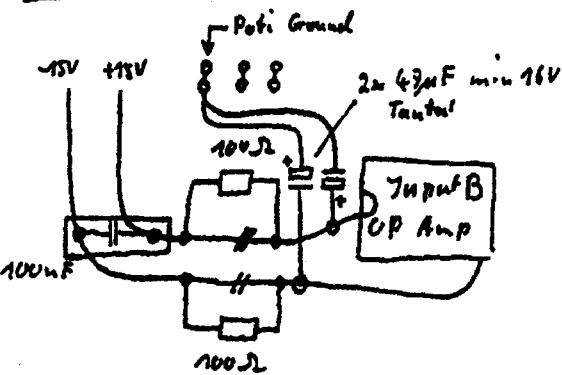
Main interference



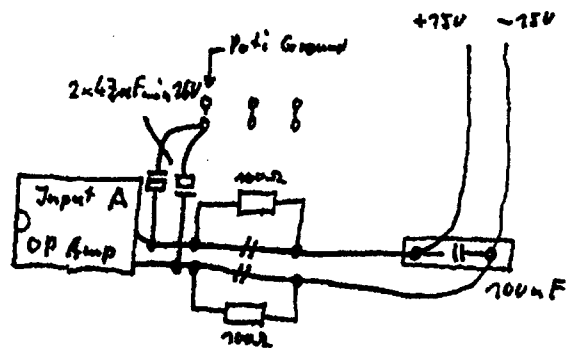
mounting side:

mounting side front panel

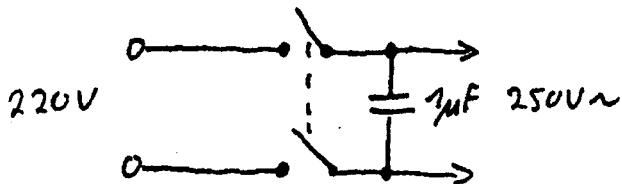
channel B:



add: 100 Ω  
+ 2x47 μF 16V



main switch:

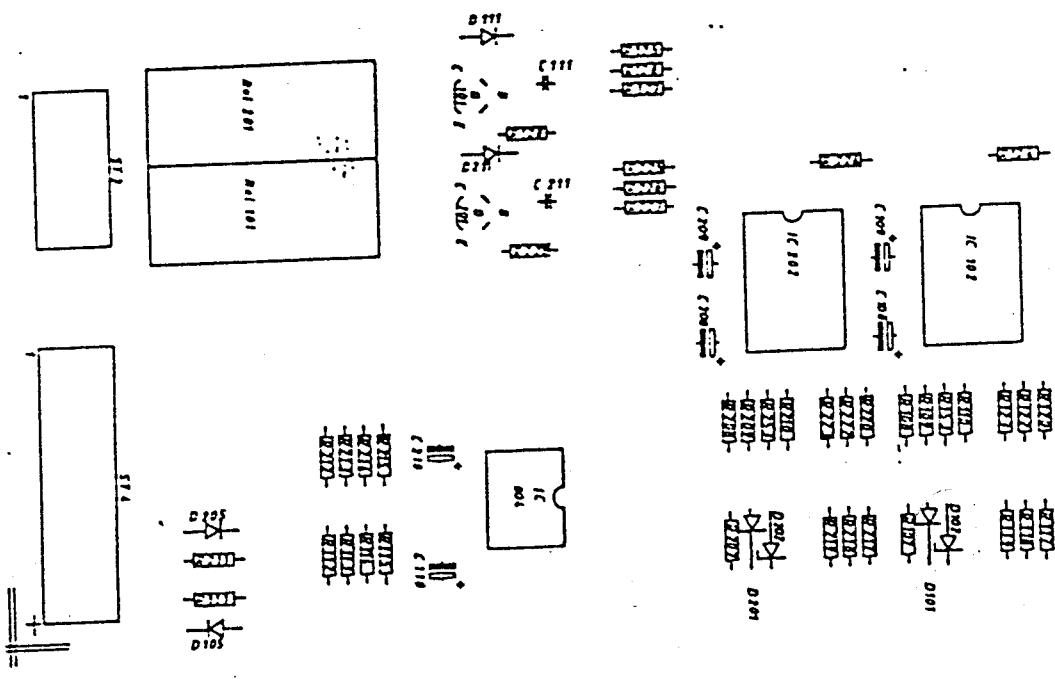
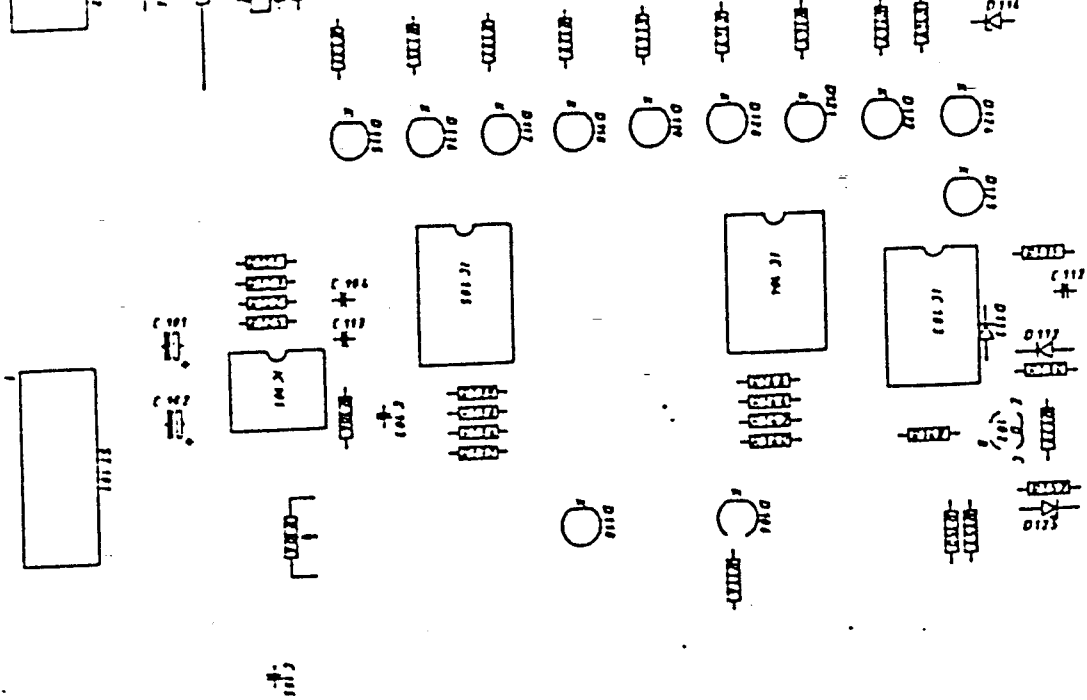


Attention:  
Sean Carragher

1800-III

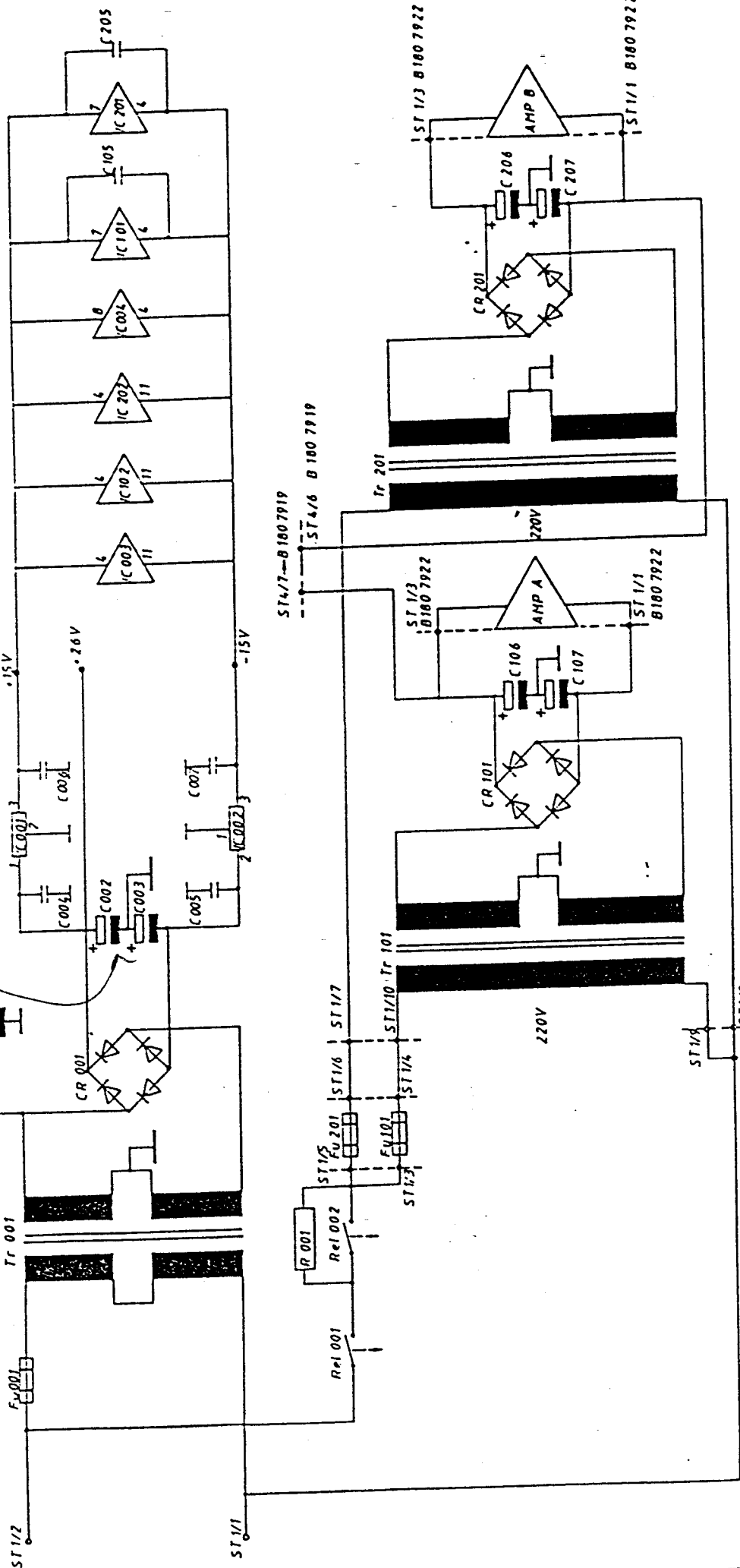
re: your telex of  
16/12/88.



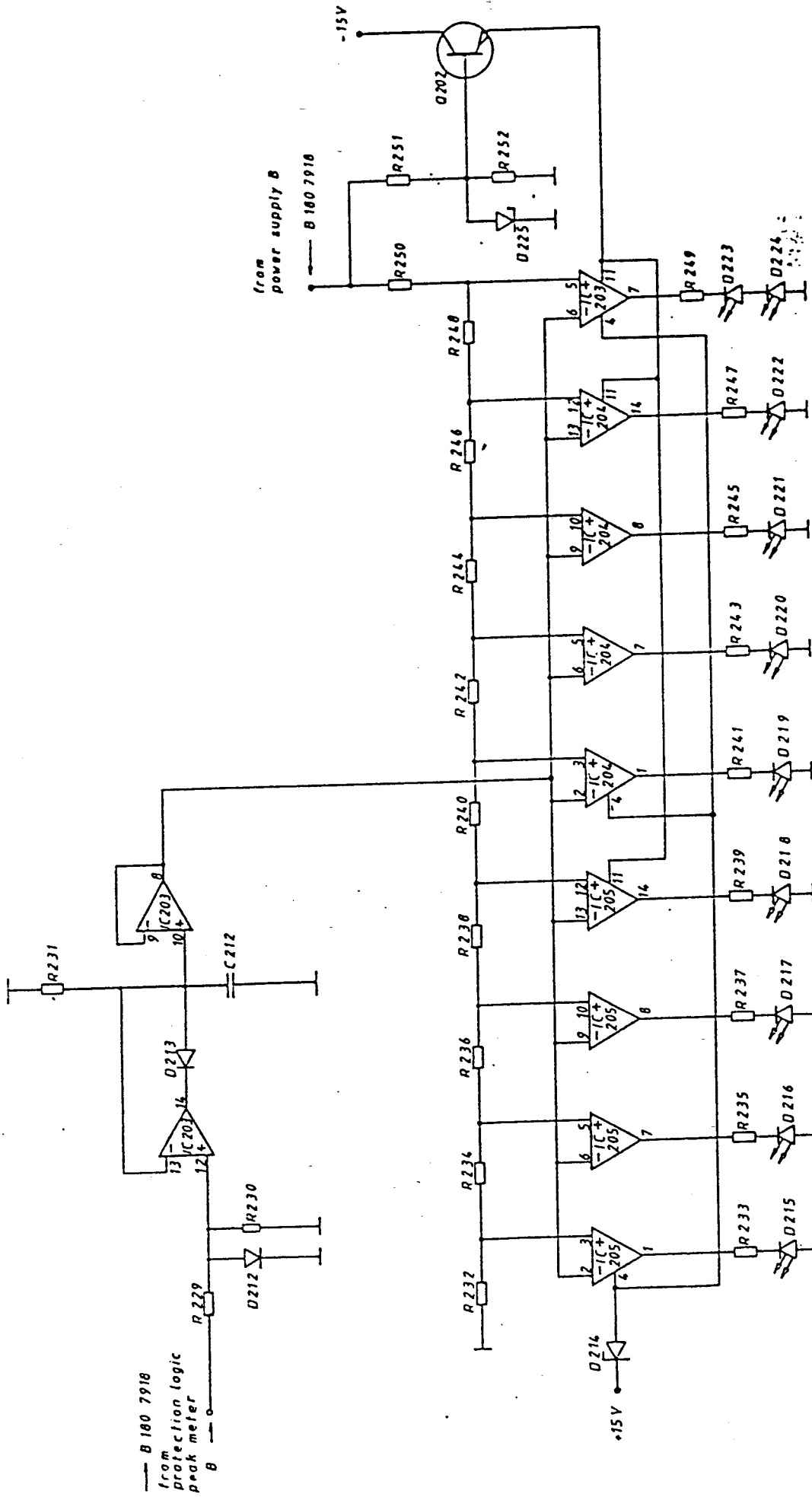




als 1150 m. Seehöhe.  
im vord. Thale.



Wiring diagram	Name: J. Z. 87 DAUB Elektroakustik	Power supply B 180 7920
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Wiring diagram

Peak meter channel B

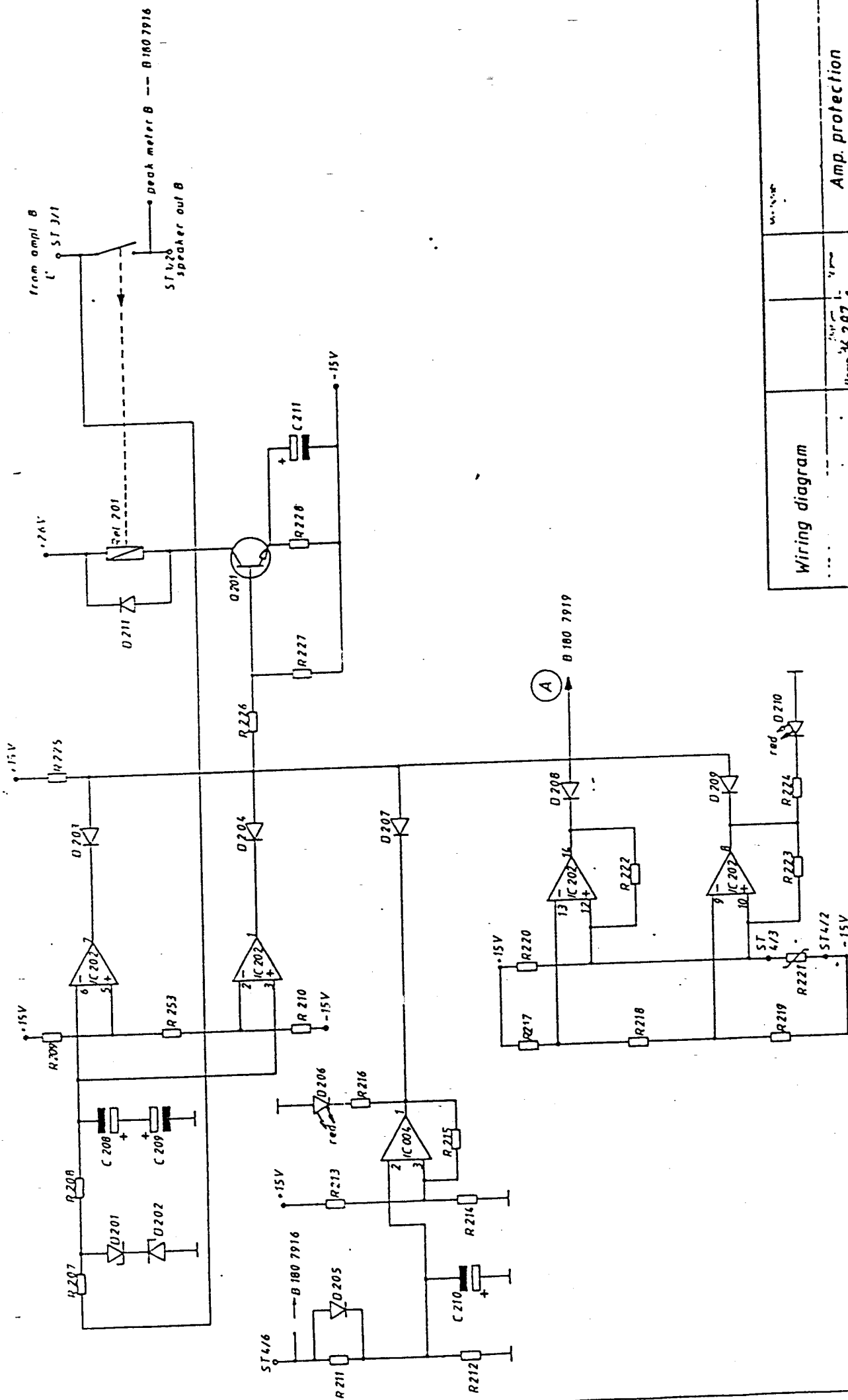
B 180 7916

DAUB  
Elektroakustik







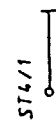
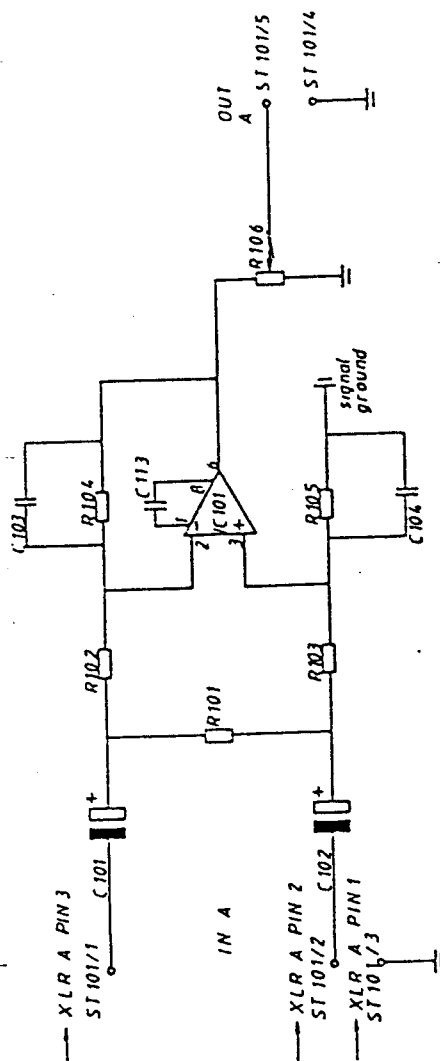


Wiring diagram

Amp. protection  
logic channel B

B 180 7918

ÖAUB  
Elektroakustik



Supply Ground

Signal Ground

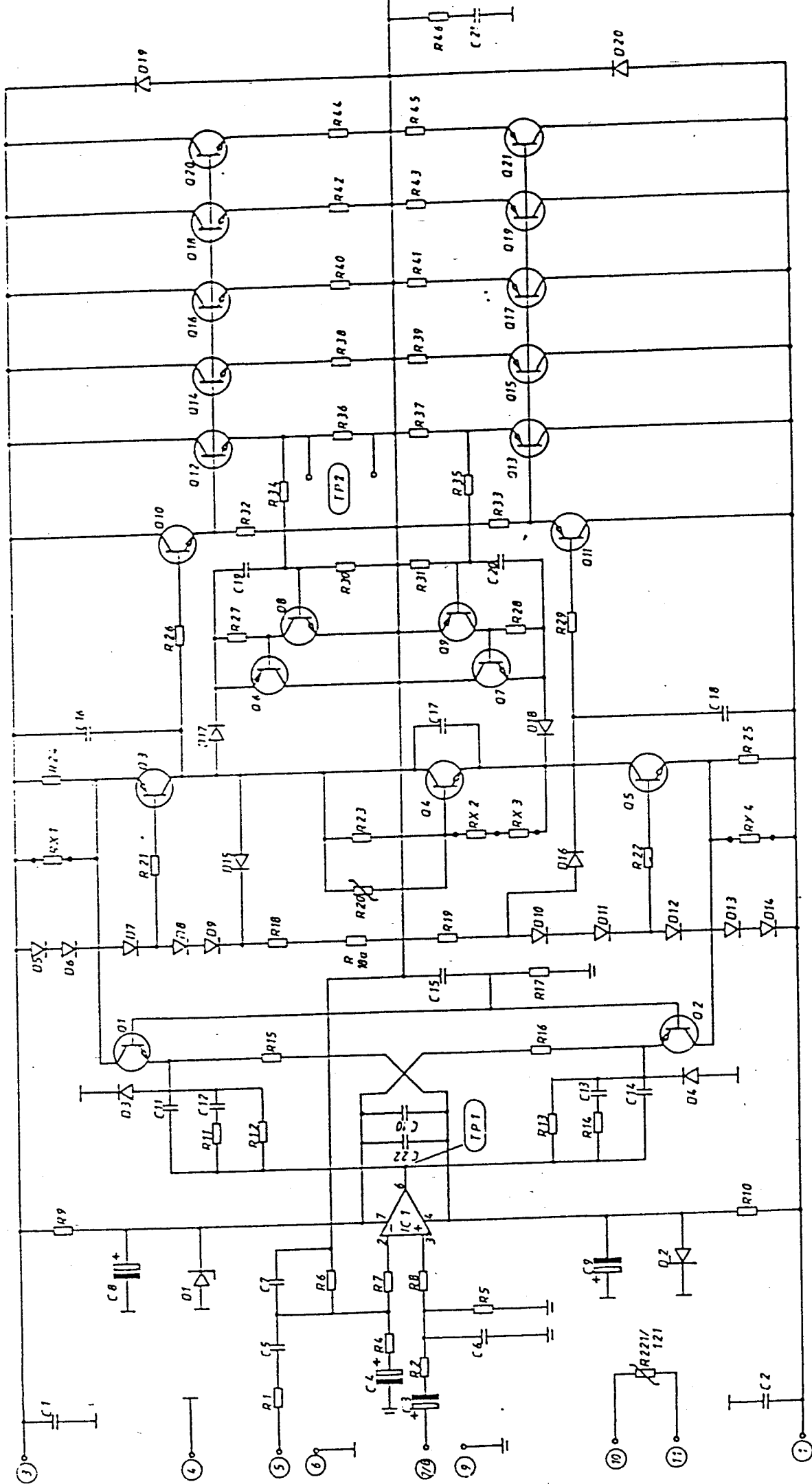
### Wiring diagram

## Preamplifier and

mains switch

B 180 7921

DAUB  
Elektroakustik



= Supply Ground

= Signal Ground

TP1 RX1, RX4 to be selected for 0V DC ( $\pm 500$  mV) at PIN 6 of IC1 (value 680R-2K)

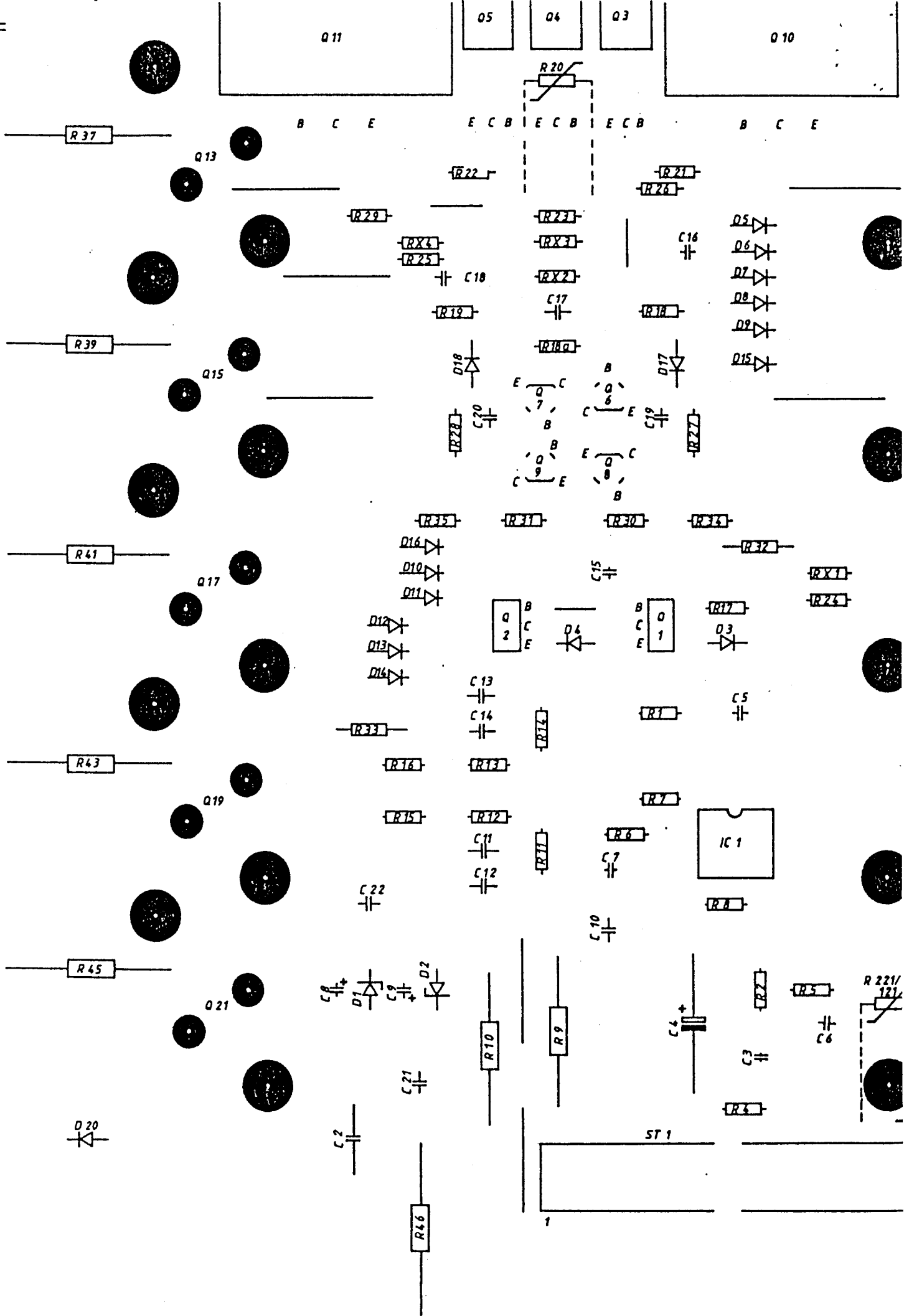
TP2 RX2, RX3 to be selected for 2.5 mV DC ( $\pm 0.5$  mV) across R36 (value 220R-390R)

Wiring diagram

Power Amplifier Module  
channel A+B

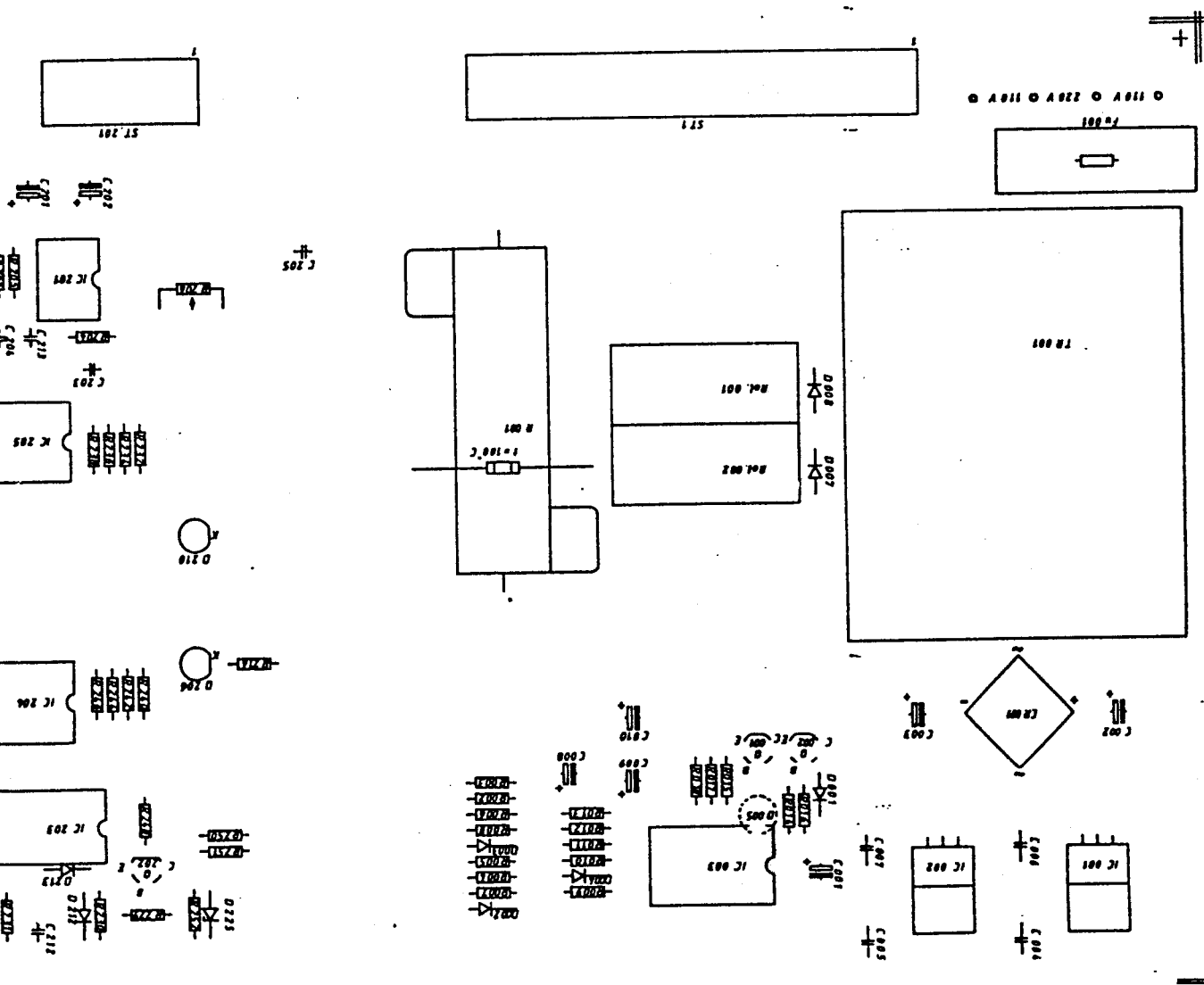
B 180 7922

DAUB  
Elektroakustik



11





## SPARE PARTS LIST OF:

MODEL BOSE1800 SERIES III

RELEASE DATE

05.05.1987

DAUB ELEKTROAKUSTIK GMBH

TOTAL SPARE PARTS / B1800

1.051.53 DM

QTY	DESCRIPTION	VALUE 1	VALUE 2	VALUE 3	ORDER CODE	MANUFACTURER	PRICE /UNIT	PRICE / %
1	BRIDGE RECTIFIER	B40C800	40 V	0,8 AMP	GL0100	I T T	0,41 DM	40,92 DM
2	BRIDGE RECTIFIER	25 AMP	400V		GL0110	GI / FAGOR	8,71 DM	435,60 DM
2	CAPACITOR CERAMIC	1.000PF	500V	5%	KK0230		0,13 DM	6,40 DM
4	CAPACITOR CERAMIC	470PF	500V	5%	KK0190		0,39 DM	9,77 DM
4	CAPACITOR CERAMIC	47PF	500V	5%	KK0070		0,26 DM	6,40 DM
4	CAPACITOR CERAMIC	22PF	500V	5%	KK0040		0,26 DM	6,40 DM
6	CAPACITOR CERAMIC	100PF	500V	5%	KK0110		0,38 DM	6,40 DM
2	CAPACITOR ELECTROLYTIC	1.000UF	35V	RAD 7,5	KE0410	NKL	1,03 DM	51,48 DM
2	CAPACITOR ELECTROLYTIC	220UF	16V	AX 20,0	KE1240	FRANKO	0,70 DM	34,85 DM
4	CAPACITOR ELECTROLYTIC	10.000UF	100V		KE2100	NKL	79,20 DM	1.980,00 DM
4	CAPACITOR ELECTROLYTIC	100UF	16V		KE0310	NKL	0,44 DM	11,03 DM
4	CAPACITOR ELECTROLYTIC	22UF	35V	RAD 5,0	KE0260	NKL	0,39 DM	9,82 DM
4	CAPACITOR ELECTROLYTIC	47UF	35V	RAD 2,5	KE0290	NKL	1,55 DM	12,94 DM
12	CAPACITOR ELECTROLYTIC	330NF	63V	20% 7,5	KF1180	SIEMENS	0,59 DM	29,44 DM
2	CAPACITOR FOIL	470NF	100V	20% 15,0	KF1170	SIEMENS	1,18 DM	29,44 DM
4	CAPACITOR FOIL	15NF	63V	20% 7,5	KF1080	SIEMENS	0,57 DM	14,26 DM
4	CAPACITOR FOIL	100NF	100V	20% 7,5	KF1130	SIEMENS	3,04 DM	16,90 DM
18	CAPACITOR FOIL				VP1800	DAUB	11,88 DM	1.188,00 DM
1	CARTON				CH1800	DAUB	105,60 DM	10.560,00 DM
1	CHASSIS				CH0710	SIEMENS	2,96 DM	73,92 DM
4	CLAMP				KA4130	WECO	0,05 DM	1,32 DM
4	CODE PLATES				SQ0070	STOCKO	0,14 DM	13,86 DM
1	CONNECTOR	4 MM DIA	1 GMM		SP0530	WECO	0,70 DM	69,96 DM
1	CONNECTOR	6 POLE	RM 5		SP0600	WECO	0,42 DM	42,24 DM
1	CONNECTOR	4 POLE			SP0620	WECO	0,74 DM	73,92 DM
1	CONNECTOR	2 POLE			SP0590	WECO	0,21 DM	21,12 DM
1	CONNECTOR	10 POLE	RM 7,5		SP0510	WECO	1,06 DM	105,60 DM
1	CONNECTOR	5 MM DIA	6 GMM		SQ0210	STOCKO	0,28 DM	13,86 DM
2	CONNECTOR	11 POLE	5,0 MM		SP0522	WECO	2,11 DM	105,60 DM
2	CONNECTOR	5 POLE	5,0 MM		SP0610	WECO	1,32 DM	52,80 DM
2	CONNECTOR	8 PIN			SP0320	FISCHER	0,95 DM	66,00 DM
2	DIL CARRIER SOCKET				SP0220	FISCHER	4,99 DM	31,68 DM
3	DIL SOCKET				SP0230	FISCHER	0,26 DM	55,44 DM
9	DIL SOCKET	14 PIN			D10130	I T T	0,47 DM	6,60 DM
4	DIODE	BAV20		200 V	D10100	MOTOROLA	1,33 DM	6,73 DM
7	DIODE	1N4004	1 AMP	200 V	D10120	I T T	0,22 DM	2,51 DM
53	DIODE	20 MM	M3	STEEL	BF0020		0,42 DM	8,41 DM
2	DISTANCE SLEEVE	10 MM	M3	STEEL	SA0110	SUPERIOR	15,71 DM	785,40 DM
5	DISTANCE SLEEVE	4 MM	25 AMP		EM0030	EBM	30,36 DM	3.036,00 DM
2	DOUBLE BINDING POST	119 MM	24 V DC		SO0050	STOCKO	1,41 DM	70,62 DM
1	FAN	4,8 MM	1 GMM	PAINTED	FP1800	DAUB	30,00 DM	5.800,00 DM
2	FAST ON CONNECTOR	ALU	3 MM	SLOW	SI0050		0,28 DM	14,12 DM
1	FRONT PANEL	5 X 20	6,3 AMP		SI2020	SCHURTER	3,14 DM	157,08 DM
2	FUSE	5 X 20			CH1850	DAUB	6,10 DM	610,00 DM
2	FUSE HOLDER	ALU			SR0020	MARQUARDT	1,45 DM	145,20 DM
1	GROUND LINK	2 POLE			CH3010	FISCHER	1,72 DM	171,60 DM
1	GUIDE BAR	420 MM			CH1030	FOIDE	13,07 DM	753,72 DM
2	HANDLES FRONT	ALU	120 MM	ANODIZED	CH1070	FOIDE	5,76 DM	287,76 DM
2	HANDLES REAR	ALU	120 MM	ANODIZED	SK0065	DAUB	71,28 DM	3.564,00 DM
2	HEAT SINK	218X175	BLACK		SK0310	FISCHER	1,06 DM	52,80 DM
2	HEAT SINK	SK13	BLACK	TO 220	KA5020	LAPP	0,07 DM	6,60 DM
1	HEX NUT	PG 9			SH1040		0,10 DM	4,87 DM
1	HEX SOCKET HEAD SCREW	M4X16	DIN 912	ZN PLATED	SH1220		0,19 DM	4,87 DM
2	HEX SOCKET HEAD SCREW	MSX12	DIN 912	ZN PLATED	SH1250		0,44 DM	4,97 DM
4	HEX SOCKET HEAD SCREW	M4X35	DIN 912	ZN PLATED	SH1230		2,63 DM	6,63 DM
8	HEX SOCKET HEAD SCREW	MSX16	DIN 912	ZN PLATED	SH0350		0,78 DM	19,47 DM
9	HEX SOCKET HEAD SCREW	MSX16	DIN 912	ZN PLATED	SH0350		0,50 DM	12,54 DM
40	HEX SOCKET HEAD SCREW	M4X12	DIN 7991	BLACK	SH0350		0,90 DM	35,41 DM
4	HEX SOCKET CTRSNK. HD.SCR	M4X12	DIN 7991	BLACK	SH0350		0,90 DM	35,41 DM
4	HEX SOCKET CTRSNK. HD.SCR	M4X12	DIN 7991	BLACK	SH0350		0,90 DM	35,41 DM
4	HEX SOCKET CTRSNK. HD.SCR	M4X12	DIN 7991	BLACK	SH0350		0,90 DM	35,41 DM
4	HEX SOCKET CTRSNK. HD.SCR	M4X12	DIN 7991	BLACK	SH0350		0,90 DM	35,41 DM



1	HEXAGON NUT	M4	DIN 934	ZN PLATED	M00030	0,02 DM	1,00 DM
40	HEXAGON NUT	M3	DIN 934	ZN PLATED	M00020	0,64 DM	1,60 DM
1	HEXAGON SCREW	M4X12	DIN 933	ZN PLATED	SH1320	0,07 DM	6,30 DM
4	HEXAGON SCREW	M4X16	DIN 933	ZN PLATED	SH1330	0,28 DM	6,30 DM
8	HEXAGON SCREW	M4X8	DIN 933	ZN PLATED	SH1310	0,60 DM	7,51 DM
2	INDUCTOR	5 UH	10 AMP	ZN PLATED	DR0110	2,64 DM	132,00 DM
1	INLET	ALU	2 MM	ANODIZED	VP1801	13,20 DM	1,320,00 DM
1	INPUT PANEL	ALU	2 MM	ANODIZED	CH1830	6,47 DM	6,40,00 DM
80	INSULATION SLEEVE	15 MM	3 MM DIA		SK2110	6,06 DM	0,50 DM
4	INSULATION TUBE	150 900			KA2110	0,05 DM	1,32 DM
53	INSULATOR CAP	10 MM DIA			KA4110	1,75 DM	3,30 DM
2	INSULATOR RING	TL072CP			KA5040	0,13 DM	6,60 DM
1	INTEGRATED CIRCUIT	MC7815CT	15V	1,5 AMP	IL0250	0,61 DM	60,77 DM
1	INTEGRATED CIRCUIT	MC7915CT	-15V	-1,5 AMP	IL1000	0,63 DM	63,36 DM
1	INTEGRATED CIRCUIT	TL 074CP			IL1010	0,63 DM	63,36 DM
2	INTEGRATED CIRCUIT	TL 071CP			IL0150	1,56 DM	77,88 DM
4	INTEGRATED CIRCUIT	LM324			IL0100	3,27 DM	56,76 DM
7	JACK PLUG	PRINT	STEREO		IL0400	3,33 DM	47,52 DM
2	KNOB	ALU	28 DIA		SA0070	3,43 DM	121,44 DM
25	LOCK WASHER	5 MM	RED	ZN PLATED	KN0111	3,75 DM	187,44 DM
1	LOCK WASHER	4,3 MM	DIN 6798	ZN PLATED	LD0120	4,79 DM	19,14 DM
40	LOCK WASHER	3,2 MM	DIN 6798	ZN PLATED	FS0120	0,01 DM	1,25 DM
1	MAINS CORE FASTENER	3 X 1 QMM	2 M	BLACK	FS0110	0,44 DM	1,11 DM
1	MAINS SWITCH	PG 9	KUNSTST	BLACK	KA1620	2,57 DM	257,40 DM
1	MAINS TRANSFORMER	2 POLE	16 AMP	BLACK	SR0010	0,59 DM	93,40 DM
1	MAINS TRANSFORMER	18 VA	2 X 18 V	PRINT	TN1810	1,72 DM	171,60 DM
1	MAINS TRANSFORMER	625 VA	2 X 56 V		TN1800	13,20 DM	1,320,00 DM
1	METAL COVER	BLACK			CH1810	147,84 DM	7,332,00 DM
1	MICA WAFER	30 X 25			SK2040	19,00 DM	1,900,00 DM
6	MICA WAFERS	TO 220			SK2020	0,21 DM	5,20 DM
20	MICA WAFERS	TO 3			SK2010	0,20 DM	3,30 DM
4	N T C RESISTOR	47 KOHM	M3	10%	RV5010	0,84 DM	4,22 DM
1	NAME PLATE	FOLIO			BOSE	3,06 DM	76,56 DM
1	OUTPUT PANEL	ALU	2 MM	ANODIZED	CH1840	1,32 DM	132,00 DM
1	PC BOARD	LOGIC	MODULE		PC0180	6,76 DM	675,84 DM
1	PC BOARD	POWER	MODULE		PC0145	6,60 DM	660,00 DM
2	PLAIN WASHER	3,1 MM	DIN 433	ZN PLATED	US0210	39,60 DM	3,960,00 DM
12	PLAIN WASHER	5,3 MM	DIN 125	ZN PLATED	US0030	22,44 DM	1,122,00 DM
13	PLAIN WASHER	4,3 MM	DIN 125	ZN PLATED	US0020	0,03 DM	0,24 DM
22	PLAIN WASHER	4,3 MM	DIN 125	ZN PLATED	US0010	0,04 DM	0,30 DM
51	POTENTIOMETER	3,2 MM	DIN 125	ZN PLATED	RV0010	0,07 DM	0,30 DM
2	PROTECTIVE GRILL	2,2 KOHM			CH0520	0,16 DM	3,96 DM
1	REC. COUNTERS. HEAD SCREW	M3X8	DIN 965	ZN PLATED	SH0530	0,05 DM	1,24 DM
7	REC. RAISED CHEESE HD SCR	M3X4	DIN 7985	ZN PLATED	SH0710	0,15 DM	1,24 DM
4	REC. RAISED CHEESE HD SCR	M3X8	DIN 7985	ZN PLATED	SH0730	0,17 DM	1,20 DM
4	REC. RAISED CHEESE HD SCR	M3X10	DIN 7985	BLACK	SH0740	8,58 DM	429,00 DM
12	REC. RAISED CHEESE HD SCR	M3X6	DIN 7985	2 POLE	EM0110	12,41 DM	620,40 DM
14	REC. RAISED CHEESE HD SCR	24V	16 AMP	1 POLE	EM0140	4,00 DM	339,96 DM
2	RELAYS MAINS	35V	30W	5% WIRE	RI0039	35,38 DM	3,04 DM
2	RELAYS SPEAKER	27 OHM	5W	10% WIRE	RD0079	0,03 DM	3,04 DM
1	RESISTOR	180 OHM	400 MW	1% FILM	RM0187	0,03 DM	3,04 DM
1	RESISTOR	6,8 KOHM	400 MW	1% FILM	RM0203	0,03 DM	3,04 DM
1	RESISTOR	15 KOHM	400 MW	1% FILM	RM0231	0,03 DM	3,04 DM
1	RESISTOR	22,0 KOHM	400 MW	1% FILM	RD0073	0,06 DM	3,04 DM
1	RESISTOR	100 OHM	5W	5% FILM	RD0017	0,06 DM	3,04 DM
2	RESISTOR	4,7 OHM	1W	1% FILM	RM0123	0,06 DM	3,04 DM
2	RESISTOR	390 OHM	400 MW	1% FILM	RM0131	0,06 DM	3,04 DM
2	RESISTOR	560 OHM	400 MW	1% FILM	RM0135	0,06 DM	3,04 DM
2	RESISTOR	680 OHM	400 MW	1% FILM	RM0153	0,06 DM	3,04 DM
2	RESISTOR	1,6 KOHM	400 MW	1% FILM	RM0161	0,06 DM	3,04 DM
2	RESISTOR	2,0 KOHM	400 MW	1% FILM	RM0169	0,06 DM	3,04 DM
2	RESISTOR	3,0 KOHM	400 MW	1% FILM	RM0191	0,06 DM	3,04 DM
2	RESISTOR	8,2 KOHM	400 MW	1% FILM	RM0209	0,06 DM	3,04 DM
2	RESISTOR	20,0 KOHM	400 MW	1% FILM			

161019

RV0010

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2	RESISTOR	30, 0 KOHM	400 MW	1% MFILM	RM0217	0,06 DM	3,04 DM
2	RESISTOR	47 KOHM	400 MW	1% MFILM	RM0227	0,06 DM	3,04 DM
2	RESISTOR	220 KOHM	400 MW	1% MFILM	RM0259	0,06 DM	3,04 DM
4	RESISTOR	2,7 KOHM	5W	10% WIRE	ED0107	1,42 DM	35,33 DM
4	RESISTOR	10 OHM	400 MW	1% MFILM	RM0048	0,12 DM	3,04 DM
4	RESISTOR	47 OHM	400 MW	1% MFILM	RM0079	0,12 DM	3,04 DM
4	RESISTOR	470 OHM	400 MW	1% MFILM	RM0127	0,12 DM	3,04 DM
4	RESISTOR	1,5 KOHM	400 MW	1% MFILM	RM0151	0,12 DM	3,04 DM
4	RESISTOR	1,8 KOHM	400 MW	1% MFILM	RM0155	0,12 DM	3,04 DM
4	RESISTOR	2,7 KOHM	400 MW	1% MFILM	RM0167	0,12 DM	3,04 DM
6	RESISTOR	33 OHM	400 MW	1% MFILM	RM0071	0,18 DM	3,04 DM
8	RESISTOR	4,7 KOHM	400 MW	1% MFILM	RM0179	0,24 DM	3,04 DM
8	RESISTOR	12,0 KOHM	400 MW	1% MFILM	RM0199	0,24 DM	3,04 DM
10	RESISTOR	220 OHM	400 MW	1% MFILM	RM0111	0,30 DM	3,04 DM
12	RESISTOR	39 KOHM	400 MW	1% MFILM	RM0223	0,36 DM	3,04 DM
14	RESISTOR	1,0 KOHM	400 MW	1% MFILM	RM0143	0,43 DM	3,04 DM
22	RESISTOR	0,33 OHM	5W	10% WIRE	ED0013	7,70 DM	35,38 DM
23	RESISTOR	1,2 KOHM	400 MW	1% MFILM	RM0147	0,70 DM	3,04 DM
31	RESISTOR	10,0 KOHM	400 MW	1% MFILM	RM0195	0,94 DM	3,04 DM
6	REVETS	3X6,5	ALU		BF1010	0,17 DM	2,88 DM
10	REVETS	4X7	ALU		BF1020	0,32 DM	3,15 DM
4	RUBBER FOOT	20 MM DIA	10 MM HGT		CH1090	0,26 DM	6,60 DM
16	RUBBER TUBE	1K			KA4010	0,38 DM	2,38 DM
1	SELF-LOCKING HEX NUT	M5	DIN 985	ZN PLATED	MU0130	0,04 DM	3,83 DM
5	SELF-LOCKING HEX NUT	M4	DIN 985	ZN PLATED	MU0120	0,20 DM	3,96 DM
7	SELF-LOCKING HEX NUT	M3	DIN 985	ZN PLATED	MU0110	0,28 DM	3,96 DM
1	SHIELDING PLATE	BLACK			CH1820	12,00 DM	1,200,00 DM
4	SPRING WASHER	4,1 MM	DIN 127	ZN PLATED	FS0020	0,03 DM	0,66 DM
5	SPRING WASHER	3,1 MM	DIN 127	ZN PLATED	FS0010	0,03 DM	0,63 DM
4	TIMER CONNECTORS	1,5 GMM	6,3 MM		SQ0230	0,47 DM	11,68 DM
18	TIMER CONNECTORS	0,5 GMM	6,3 MM		SQ0220	2,10 DM	11,68 DM
1	TRANSISTOR	BD 238			TK0220	0,65 DM	66,00 DM
2	TRANSISTOR	2SC2774	SELECTED		TL2200	17,16 DM	858,00 DM
2	TRANSISTOR	2SA1170	SELECTED		TL2100	17,16 DM	858,00 DM
4	TRANSISTOR	MJE 350	SELECTED		TK1010	3,27 DM	81,84 DM
5	TRANSISTOR	BC 557B	SELECTED		TK0150	0,40 DM	7,92 DM
6	TRANSISTOR	MJE 340	SELECTED		TK1000	4,91 DM	81,84 DM
9	TRANSISTOR	BC 547B	SELECTED		TK0110	0,71 DM	7,92 DM
10	TRANSISTOR	MJ15024	SELECTED		TL0120	69,96 DM	699,60 DM
10	TRANSISTOR	MJ15025	SELECTED		TL0130	83,16 DM	831,60 DM
2	XLR PLUG	PRINT	FEMALE		SA0050	7,97 DM	398,64 DM
4	ZENER DIODE	BZX85	15V	1,3 N	ZD0540	0,58 DM	14,39 DM
6	ZENER DIODE	BZX83	10 V	400 MW	ZD0230	0,41 DM	6,86 DM
1	PC BOARD	INPUT				6,60 DM	660,00 DM
4	RESISTOR	100 KOHM	400 MW	1% MFILM	RM0243	0,12 DM	3,04 DM
2	RESISTOR	120 KOHM	400 MW	1% MFILM	RM0247	0,06 DM	3,04 DM
4	RESISTOR	470 KOHM	400 MW	1% MFILM	RM0275	0,12 DM	3,04 DM
2	RESISTOR	1 MOHM	400 MW	1% MFILM	RM0291	0,06 DM	3,04 DM
2	CAPACITOR CERAMIC	220PF	500V	5%	KK0150	0,13 DM	6,40 DM
CABLE TREE							3,838,80 DM
POWER MODULE							20,632,00 DM
LOGIC MODULE							16,851,00 DM
TRANSFORMER							10,741,00 DM
OWNERS MANUAL							10,741,00 DM
SERVICE MANUAL							
END OF LISTING							
COMPLETE							DAUB
TESTED							DAUB
TESTED							DAUB
LEFT							DAUB
RIGHT							DAUB
CHANNEL							DAUB
CHANNEL							DAUB
KA1800							DAUB
B1800.0163							DAUB
B1800.0145							DAUB
TN1800.LEFT							DAUB
TN1800.RIGHT							DAUB

HELLERMANN

DAUB

GROTE U.HARTMAN  
GROTE U.HARTMAN

MOTOROLA

SANKEN

SANKEN

SGS/MOT

I T T

SGS/MOT

I T T

MOTOROLA

MOTOROLA

NEUTRIK

I T T

I T T

DAUB

DAUB

DAUB

DAUB

DAUB

DAUB

DAUB