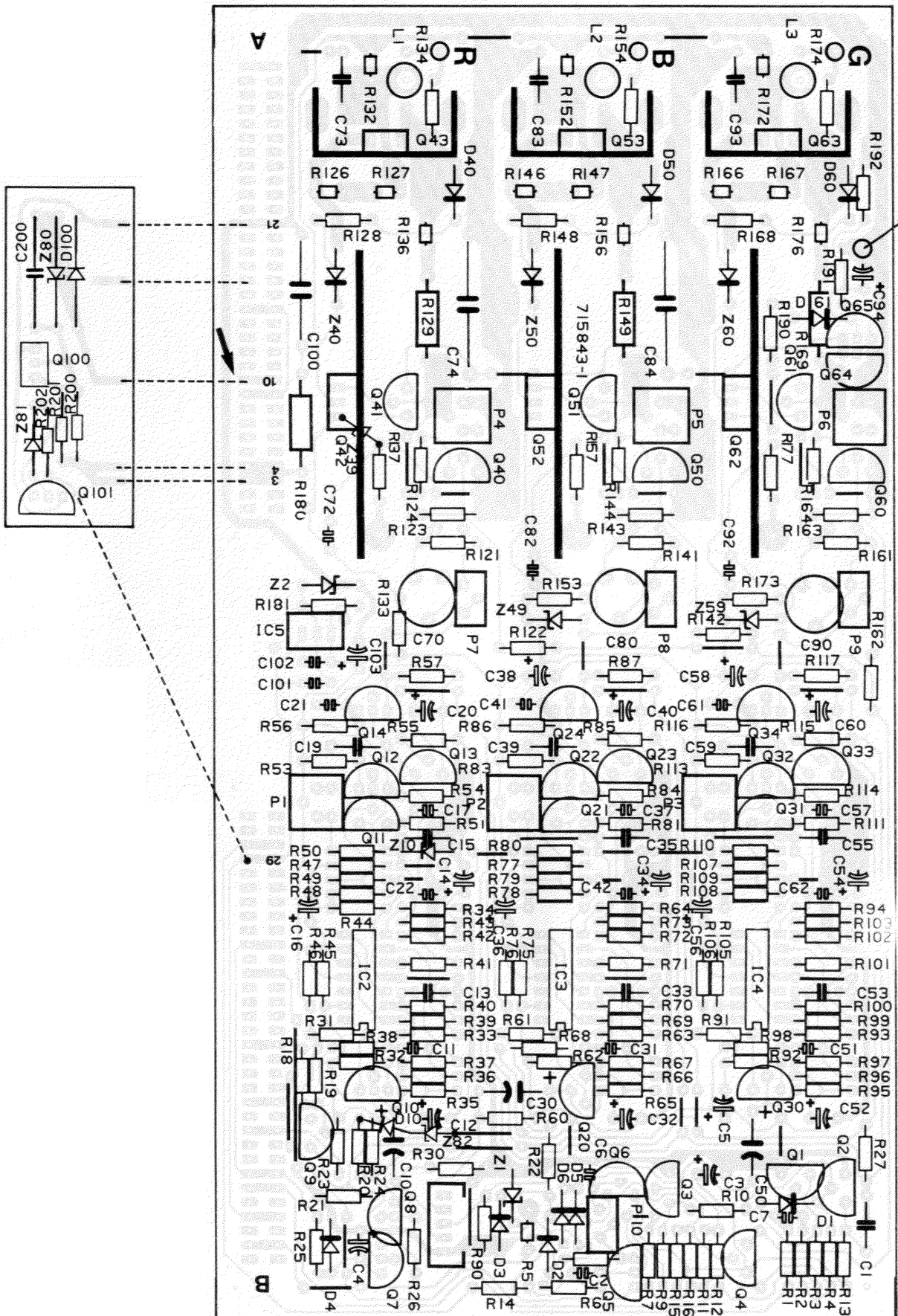
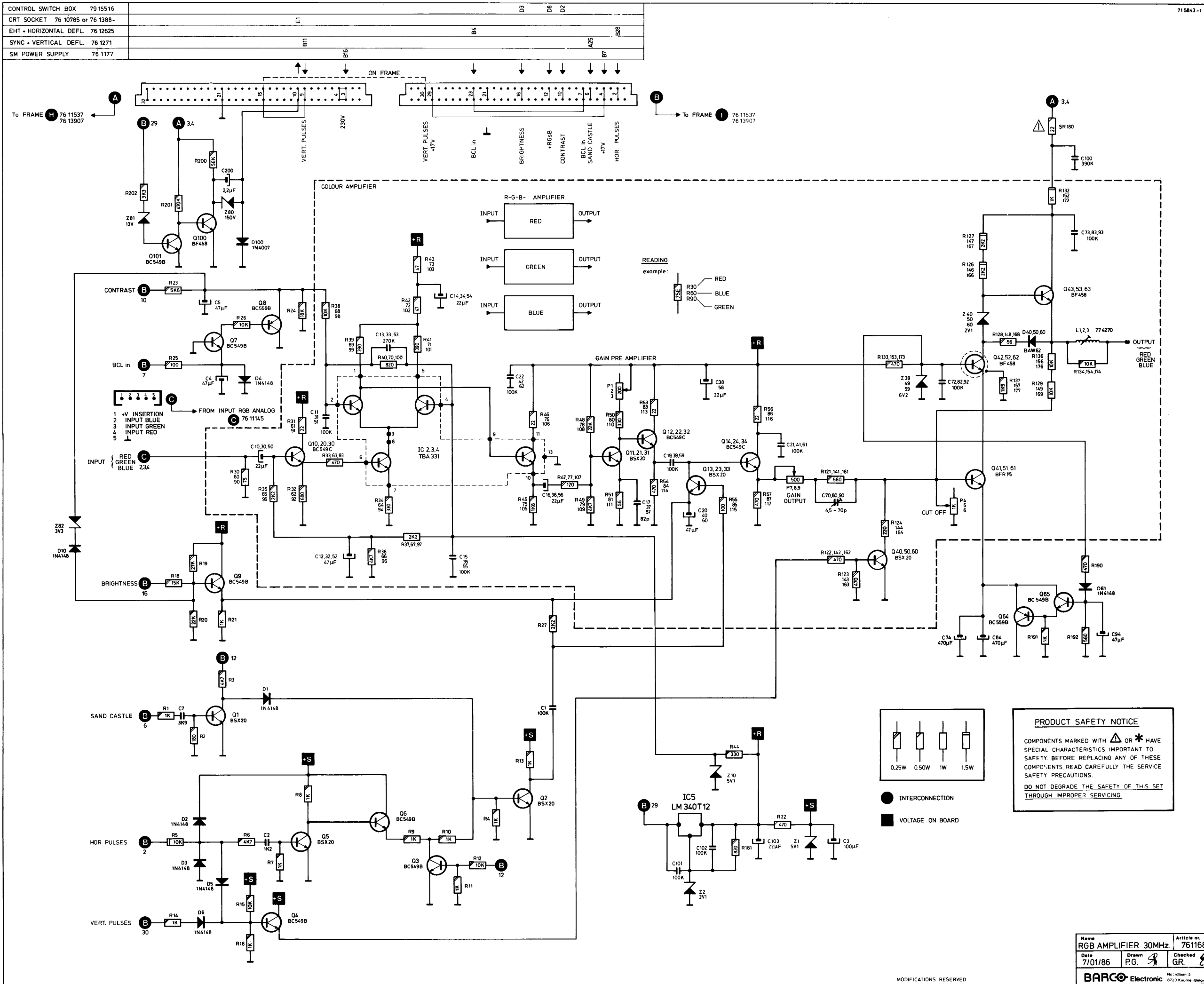


TO BE SOLDERED ON COPPER PLATE
INSERTED BETWEEN 30 MHz RGB
AMPLIFIER AND SM POWER SUPPLY



CONTROL SWITCH BOX	79 15516
CRT SOCKET	76 10785 or 76 1388-
EHT + HORIZONTAL DEFL.	76 12625
SYNC + VERTICAL DEFL.	76 1271
SM POWER SUPPLY	76 1177

715843-1



Name	RGB AMPLIFIER 30MHz	Article nr.	761168
Date	7/01/86	Drawn	P.G.
Checked	GR	Checked	GR
Noordlaan 5 8723 Kuurne - Belgium			

PARTS LISTING - UNIT RGB 30 MHZ (D860109)						76 1168					
ITEM NO.	SIT.	DESCRIPTION				ITEM NO.	SIT.	DESCRIPTION			
11 3724	C..1	CAPACITOR	POME	100K	K5 63	13 1621	D.61	DIODE SWITCH	1N4148		
11 59181	C..2	CAPACITOR	PP RA	1K2	J5 100	13 1621		DIODE SWITCH	1N4148		
11 1466	C..3	CAPACITOR	ELPR	100M	Z5 16						
11 1476	C..4	CAPACITOR	ELPR	47M	Z5 25	13 1646	D100	DIODE RECTIFIER	1N4007		
11 1476	C..5	CAPACITOR	ELPR	47M	Z5 25						
11 2234	C..6	CAPACITOR	NPO MI	22P	G5 63	13 2134	I..2	INTEGRATED CIRCUIT	TBA331		
11 5930	C..7	CAPACITOR	PP RA	3K9	J5 63	13 2134	I..3	INTEGRATED CIRCUIT	TBA331		
11 1157	C.10	CAPACITOR	ELAX	22M	Z 25	13 2134	I..4	INTEGRATED CIRCUIT	TBA331		
11 2774	C.11	CAPACITOR	CE MI	100K	U5 63	13 4002	I..5	INTEGRATED CIRCUIT	LM340T12		
11 1476	C.12	CAPACITOR	ELPR	47M	Z5 25						
11 3729	C.13	CAPACITOR	POME	270K	K5 63	77 4270	L..1	SPON 16,5 K5	D0,20		
11 1510	C.14	CAPACITOR	ELPRMI	22M	M5 25	77 4270	L..2	SPON 16,5 K5	D0,20		
11 3724	C.15	CAPACITOR	POME	100K	K5 63	77 4270	L..3	SPON 16,5 K5	D0,20		
11 1510	C.16	CAPACITOR	ELPRMI	22M	M5 25						
11 22415	C.17	CAPACITOR	NPO MI	82P	G5 63	10 6724	P..1	TRIMPOT	CEMH 200E	K OW50	
11 3724	C.19	CAPACITOR	POME	100K	K5 63	10 6724	P..2	TRIMPOT	CEMH 200E	K OW50	
11 1476	C.20	CAPACITOR	ELPR	47M	Z5 25	10 6724	P..3	TRIMPOT	CEMH 200E	K OW50	
11 2774	C.21	CAPACITOR	CE MI	100K	U5 63	10 6726	P..4	TRIMPOT	CEMH 1K	K OW50	
11 2774	C.22	CAPACITOR	CE MI	100K	U5 63	10 6726	P..5	TRIMPOT	CEMH 1K	K OW50	
11 1157	C.30	CAPACITOR	ELAX	22M	Z 25	10 6726	P..6	TRIMPOT	CEMH 1K	K OW50	
11 2774	C.31	CAPACITOR	CE MI	100K	U5 63	10 6825	P..7	TRIMPOT	CEMV 500E	K OW50	
11 1476	C.32	CAPACITOR	ELPR	47M	Z5 25	10 6825	P..8	TRIMPOT	CEMV 500E	K OW50	
11 3729	C.33	CAPACITOR	POME	270K	K5 63	10 6825	P..9	TRIMPOT	CEMV 500E	K OW50	
11 1510	C.34	CAPACITOR	ELPRMI	22M	M5 25	10 6829	P.10	TRIMPOT	CEMV 10K	K OW50	
11 3724	C.35	CAPACITOR	POME	100K	K5 63						
11 1510	C.36	CAPACITOR	ELPRMI	22M	M5 25	71 5843	PC..	PC RGB 30MC	761168		
11 22415	C.37	CAPACITOR	NPO MI	82P	G5 63	71 6242		PC DECRGB -	7611605		
11 1510	C.38	CAPACITOR	ELPRMI	22M	M5 25						
11 3724	C.39	CAPACITOR	POME	100K	K5 63	13 1491	Q..1	TRANSISTOR	BSX20	2N2369	
11 1476	C.40	CAPACITOR	ELPR	47M	Z5 25	13 1491	Q..2	TRANSISTOR	BSX20	2N2369	
11 2774	C.41	CAPACITOR	CE MI	100K	U5 63	13 14295	Q..3	TRANSISTOR	BC549B		
11 2774	C.42	CAPACITOR	CE MI	100K	U5 63	13 14295	Q..4	TRANSISTOR	BC549B		
11 1157	C.50	CAPACITOR	ELAX	22M	Z 25	13 1491	Q..5	TRANSISTOR	BSX20	2N2369	
11 2774	C.51	CAPACITOR	CE MI	100K	U5 63	13 14295	Q..6	TRANSISTOR	BC549B		
11 1476	C.52	CAPACITOR	ELPR	47M	Z5 25	13 14295	Q..7	TRANSISTOR	BC549B		
11 3729	C.53	CAPACITOR	POME	270K	K5 63	13 14181	Q..8	TRANSISTOR	BC559B	BC309B	
11 1510	C.54	CAPACITOR	ELPRMI	22M	M5 25	13 14295	Q..9	TRANSISTOR	BC549B		
11 3724	C.55	CAPACITOR	POME	100K	K5 63	13 1411	Q.10	TRANSISTOR	BC549C	BC239C	
11 1510	C.56	CAPACITOR	ELPRMI	22M	M5 25	13 1491	Q.11	TRANSISTOR	BSX20	2N2369	
11 22415	C.57	CAPACITOR	NPO MI	82P	G5 63	13 1411	Q.12	TRANSISTOR	BC549C	BC239C	
11 1510	C.58	CAPACITOR	ELPRMI	22M	M5 25	13 1491	Q.13	TRANSISTOR	BSX20	2N2369	
11 3724	C.59	CAPACITOR	POME	100K	K5 63	13 1411	Q.14	TRANSISTOR	BC549C	BC239C	
11 1476	C.60	CAPACITOR	ELPR	47M	Z5 25	13 1411	Q.20	TRANSISTOR	BC549C	BC239C	
11 2774	C.61	CAPACITOR	CE MI	100K	U5 63	13 1491	Q.21	TRANSISTOR	BSX20	2N2369	
11 2774	C.62	CAPACITOR	CE MI	100K	U5 63	13 1411	Q.22	TRANSISTOR	BC549C	BC239C	
11 7003	C.70	CAPACITOR	TRIM	4,5-70P	160	13 1491	Q.23	TRANSISTOR	BSX20	2N2369	
11 2774	C.72	CAPACITOR	CE MI	100K	U5 63	13 1411	Q.24	TRANSISTOR	BC549C	BC239C	
11 4132	C.73	CAPACITOR	POMEFF	100K	K 250	13 1411	Q.30	TRANSISTOR	BC549C	BC239C	
11 1149	C.74	CAPACITOR	ELAX	470M	T 16	13 1491	Q.31	TRANSISTOR	BSX20	2N2369	
11 7003	C.80	CAPACITOR	TRIM	4,5-70P	160	13 1411	Q.32	TRANSISTOR	BC549C	BC239C	
11 2774	C.82	CAPACITOR	CE MI	100K	U5 63	13 1491	Q.33	TRANSISTOR	BSX20	2N2369	
11 4132	C.83	CAPACITOR	POMEFF	100K	K 250	13 1411	Q.34	TRANSISTOR	BC549C	BC239C	
11 1149	C.84	CAPACITOR	ELAX	470M	T 16	13 1491	Q.40	TRANSISTOR	BSX20	2N2369	
11 7003	C.90	CAPACITOR	TRIM	4,5-70P	160	13 2586	Q.41	TRANSISTOR	BFR95		
11 2774	C.92	CAPACITOR	CE MI	100K	U5 63	13 1471	Q.42	TRANSISTOR	BF458		
11 4132	C.93	CAPACITOR	POMEFF	100K	K 250	13 1471	Q.43	TRANSISTOR	BF458		
11 1500	C.94	CAPACITOR	ELPRMI	47M	M5 10	13 1491	Q.50	TRANSISTOR	BSX20	2N2369	
11 4139	C100	CAPACITOR	POMEFF	390K	K 250	13 2586	Q.51	TRANSISTOR	BFR95		
11 2774	C101	CAPACITOR	CE MI	100K	U5 63	13 1471	Q.52	TRANSISTOR	BF458		
11 2774	C102	CAPACITOR	CE MI	100K	U5 63	13 1471	Q.53	TRANSISTOR	BF458		
11 1510	C103	CAPACITOR	ELPRMI	22M	M5 25	13 1491	Q.60	TRANSISTOR	BSX20	2N2369	
11 1571	C200	CAPACITOR	ELPR	2M2	M5 350	13 2586	Q.61	TRANSISTOR	BFR95		
11 4138		CAPACITOR	POMEFF	330K	K 250	13 1471	Q.62	TRANSISTOR	BF458		
						13 1471	Q.63	TRANSISTOR	BF458		
						13 14181	Q.64	TRANSISTOR	BC559B	BC309B	
13 1621	D..1	DIODE SWITCH	1N4148			13 14295	Q.65	TRANSISTOR	BC549B		
13 1621	D..2	DIODE SWITCH	1N4148			13 1471	Q100	TRANSISTOR	BF458		
13 1621	D..3	DIODE SWITCH	1N4148			13 14295	Q101	TRANSISTOR	BC549B		
13 1621	D..4	DIODE SWITCH	1N4148								
13 1621	D..5	DIODE SWITCH	1N4148								
13 1621	D..6	DIODE SWITCH	1N4148			10 1136	R..1	RESISTOR	CF 1K	J OW25	
13 1628	D.40	DIODE SWITCH	BAW62			10 1127	R..2	RESISTOR	CF 180E	J OW25	
13 1628	D.50	DIODE SWITCH	BAW62			10 1144	R..3	RESISTOR	CF 4K7	J OW25	
13 1628	D.60	DIODE SWITCH	BAW62			10 1136	R..4	RESISTOR	CF 1K	J OW25	

ITEM NO.	SIT.	DESCRIPTION					ITEM NO.	SIT.	DESCRIPTION				
10 3248	R..5	RESISTOR	MO	10K	J	1W50	10 1140	R.95	RESISTOR	CF	2K2	J	OW25
10 1144	R..6	RESISTOR	CF	4K7	J	OW25	10 1144	R.96	RESISTOR	CF	4K7	J	OW25
10 1136	R..7	RESISTOR	CF	1K	J	OW25	10 1140	R.97	RESISTOR	CF	2K2	J	OW25
10 1136	R..8	RESISTOR	CF	1K	J	OW25	10 1148	R.98	RESISTOR	CF	10K	J	OW25
10 1136	R..9	RESISTOR	CF	1K	J	OW25	10 1131	R.99	RESISTOR	CF	390E	J	OW25
10 1136	R.10	RESISTOR	CF	1K	J	OW25	10 1135	R100	RESISTOR	CF	820E	J	OW25
10 1136	R.11	RESISTOR	CF	1K	J	OW25	10 1131	R101	RESISTOR	CF	390E	J	OW25
10 1148	R.12	RESISTOR	CF	10K	J	OW25	10 1120	R102	RESISTOR	CF	47E	J	OW25
10 1136	R.13	RESISTOR	CF	1K	J	OW25	10 1120	R103	RESISTOR	CF	47E	J	OW25
10 1136	R.14	RESISTOR	CF	1K	J	OW25	10 1139	R105	RESISTOR	CF	1K8	J	OW25
10 1148	R.15	RESISTOR	CF	10K	J	OW25	10 1116	R106	RESISTOR	CF	22E	J	OW25
10 1136	R.16	RESISTOR	CF	1K	J	OW25	10 1125	R107	RESISTOR	CF	120E	J	OW25
10 1150	R.18	RESISTOR	CF	15K	J	OW25	10 1152	R108	RESISTOR	CF	22K	J	OW25
10 1153	R.19	RESISTOR	CF	27K	J	OW25	10 1144	R109	RESISTOR	CF	4K7	J	OW25
10 1152	R.20	RESISTOR	CF	22K	J	OW25	10 1130	R110	RESISTOR	CF	330E	J	OW25
10 1136	R.21	RESISTOR	CF	1K	J	OW25	10 1121	R111	RESISTOR	CF	56E	J	OW25
10 1232	R.22	RESISTOR	CF	470E	J	OW50	10 1116	R113	RESISTOR	CF	22E	J	OW25
10 1145	R.23	RESISTOR	CF	5K6	J	OW25	10 1132	R114	RESISTOR	CF	470E	J	OW25
10 1151	R.24	RESISTOR	CF	18K	J	OW25	10 1124	R115	RESISTOR	CF	100E	J	OW25
10 1124	R.25	RESISTOR	CF	100E	J	OW25	10 1116	R116	RESISTOR	CF	22E	J	OW25
10 1148	R.26	RESISTOR	CF	10K	J	OW25	10 1132	R117	RESISTOR	CF	470E	J	OW25
10 1140	R.27	RESISTOR	CF	2K2	J	OW25	10 1133	R121	RESISTOR	CF	560E	J	OW25
10 11231	R.30	RESISTOR	CF	75E	J	OW25	10 1132	R122	RESISTOR	CF	470E	J	OW25
10 1116	R.31	RESISTOR	CF	22E	J	OW25	10 1132	R123	RESISTOR	CF	470E	J	OW25
10 1134	R.32	RESISTOR	CF	680E	J	OW25	10 1128	R124	RESISTOR	CF	220E	J	OW25
10 1132	R.33	RESISTOR	CF	470E	J	OW25	10 3240	R126	RESISTOR	MO	2K2	J	1W50
10 1130	R.34	RESISTOR	CF	330E	J	OW25	10 3240	R127	RESISTOR	MO	2K2	J	1W50
10 1140	R.35	RESISTOR	CF	2K2	J	OW25	10 1121	R128	RESISTOR	CF	56E	J	OW25
10 1144	R.36	RESISTOR	CF	4K7	J	OW25	10 2148	R129	RESISTOR	CC	10K	K	1W
10 1140	R.37	RESISTOR	CF	2K2	J	OW25	10 3236	R132	RESISTOR	MO	1K	J	1W50
10 1148	R.38	RESISTOR	CF	10K	J	OW25	10 1132	R133	RESISTOR	CF	470E	J	OW25
10 1131	R.39	RESISTOR	CF	390E	J	OW25	10 1148	R134	RESISTOR	CF	10K	J	OW25
10 1135	R.40	RESISTOR	CF	820E	J	OW25	10 2148	R136	RESISTOR	CC	10K	K	1W
10 1131	R.41	RESISTOR	CF	390E	J	OW25	10 1138	R137	RESISTOR	CF	1K5	J	OW25
10 1120	R.42	RESISTOR	CF	47E	J	OW25	10 1133	R141	RESISTOR	CF	560E	J	OW25
10 1120	R.43	RESISTOR	CF	47E	J	OW25	10 1132	R142	RESISTOR	CF	470E	J	OW25
10 1130	R.44	RESISTOR	CF	330E	J	OW25	10 1132	R143	RESISTOR	CF	470E	J	OW25
10 1139	R.45	RESISTOR	CF	1K8	J	OW25	10 1128	R144	RESISTOR	CF	220E	J	OW25
10 1116	R.46	RESISTOR	CF	22E	J	OW25	10 3240	R146	RESISTOR	MO	2K2	J	1W50
10 1125	R.47	RESISTOR	CF	120E	J	OW25	10 3240	R147	RESISTOR	MO	2K2	J	1W50
10 1152	R.48	RESISTOR	CF	22K	J	OW25	10 1121	R148	RESISTOR	CF	56E	J	OW25
10 1144	R.49	RESISTOR	CF	4K7	J	OW25	10 2148	R149	RESISTOR	CC	10K	K	1W
10 1130	R.50	RESISTOR	CF	330E	J	OW25	10 3236	R152	RESISTOR	MO	1K	J	1W50
10 1121	R.51	RESISTOR	CF	56E	J	OW25	10 1132	R153	RESISTOR	CF	470E	J	OW25
10 1116	R.53	RESISTOR	CF	22E	J	OW25	10 1148	R154	RESISTOR	CF	10K	J	OW25
10 1132	R.54	RESISTOR	CF	470E	J	OW25	10 2148	R156	RESISTOR	CC	10K	K	1W
10 1124	R.55	RESISTOR	CF	100E	J	OW25	10 1138	R157	RESISTOR	CF	1K5	J	OW25
10 1116	R.56	RESISTOR	CF	22E	J	OW25	10 1133	R161	RESISTOR	CF	560E	J	OW25
10 1132	R.57	RESISTOR	CF	470E	J	OW25	10 1132	R162	RESISTOR	CF	470E	J	OW25
10 11231	R.60	RESISTOR	CF	75E	J	OW25	10 1132	R163	RESISTOR	CF	470E	J	OW25
10 1116	R.61	RESISTOR	CF	22E	J	OW25	10 1128	R164	RESISTOR	CF	220E	J	OW25
10 1134	R.62	RESISTOR	CF	680E	J	OW25	10 3240	R166	RESISTOR	MO	2K2	J	1W50
10 1132	R.63	RESISTOR	CF	470E	J	OW25	10 3240	R167	RESISTOR	MO	2K2	J	1W50
10 1130	R.64	RESISTOR	CF	330E	J	OW25	10 1121	R168	RESISTOR	CF	56E	J	OW25
10 1140	R.65	RESISTOR	CF	2K2	J	OW25	10 2148	R169	RESISTOR	CC	10K	K	1W
10 1144	R.66	RESISTOR	CF	4K7	J	OW25	10 3236	R172	RESISTOR	MO	1K	J	1W50
10 1140	R.67	RESISTOR	CF	2K2	J	OW25	10 1132	R173	RESISTOR	CF	470E	J	OW25
10 1148	R.68	RESISTOR	CF	10K	J	OW25	10 1148	R174	RESISTOR	CF	10K	J	OW25
10 1131	R.69	RESISTOR	CF	390E	J	OW25	10 2148	R176	RESISTOR	CC	10K	K	1W
10 1135	R.70	RESISTOR	CF	820E	J	OW25	10 1138	R177	RESISTOR	CF	1K5	J	OW25
10 1131	R.71	RESISTOR	CF	390E	J	OW25	10 12169	R180	RESISTOR	CCFUL	22E	J	OW50
10 1120	R.72	RESISTOR	CF	47E	J	OW25	10 1135	R181	RESISTOR	CF	820E	J	OW25
10 1120	R.73	RESISTOR	CF	47E	J	OW25	10 1132	R190	RESISTOR	CF	470E	J	OW25
10 1139	R.75	RESISTOR	CF	1K8	J	OW25	10 1136	R191	RESISTOR	CF	1K	J	OW25
10 1116	R.76	RESISTOR	CF	22E	J	OW25	10 1133	R192	RESISTOR	CF	560E	J	OW25
10 1125	R.77	RESISTOR	CF	120E	J	OW25	10 1157	R200	RESISTOR	CF	56K	J	OW25
10 1152	R.78	RESISTOR	CF	22K	J	OW25	10 1168	R201	RESISTOR	CF	470K	J	OW25
10 1144	R.79	RESISTOR	CF	4K7	J	OW25	10 1142	R202	RESISTOR	CF	3K3	J	OW25
10 1130	R.80	RESISTOR	CF	330E	J	OW25							
10 1121	R.81	RESISTOR	CF	56E	J	OW25	13 1716	Z..1	DIODE ZENER		0,5C	5V1	
10 1116	R.83	RESISTOR	CF	22E	J	OW25	13 1733	Z..2	DIODE ZENER		0,4C	2V1	
10 1132	R.84	RESISTOR	CF	470E	J	OW25	13 1716	Z..10	DIODE ZENER		0,5C	5V1	
10 1124	R.85	RESISTOR	CF	100E	J	OW25	13 1720	Z..39	DIODE ZENER		0,5C	6V2	
10 1116	R.86	RESISTOR	CF	22E	J	OW25	13 1733	Z..40	DIODE ZENER		0,4C	2V1	
10 1132	R.87	RESISTOR	CF	470E	J	OW25	13 1720	Z..49	DIODE ZENER		0,5C	6V2	
10 11231	R.90	RESISTOR	CF	75E	J	OW25	13 1733	Z..50	DIODE ZENER		0,4C	2V1	
10 1116	R.91	RESISTOR	CF	22E	J	OW25	13 1720	Z..59	DIODE ZENER		0,5C	6V2	
10 1134	R.92	RESISTOR	CF	680E	J	OW25	13 1733	Z..60	DIODE ZENER		0,4C	2V1	
10 1132	R.93	RESISTOR	CF	470E	J	OW25	13 1771	Z..80	DIODE ZENER		0,5B150		
10 1130	R.94	RESISTOR	CF	330E	J	OW25	13 1721	Z..81	DIODE ZENER		0,5C	13	

ITEM NO.	SIT.	DESCRIPTION	ITEM NO.	SIT.	DESCRIPTION
-----	----	-----	-----	----	-----
13 1754		DIODE ZENER 0,5C 3V3	13 3065	004.	TRANSISTOR COOLER TO-220
31 3525	001.	CONNECTOR EURO MOBSE P32X2	13 30191	0042	TRANSISTOR BUSH INSULATTO-126
36 7435	0011	RIVET AL AL AD34ABS D2,4	36 7502	0043	WASHER LA 3,2 D6798
36 7448	0011	RIVET AL AL AD36ABS D2,4	36 61026	0044	NUT M 3 H D 934
31 3580	002.	CONNECTOR CIS MOBTE P 5 2,5	13 3039	005.	SPACER CERAMIC DIA 4/1,2 L8
80 0638	003.	HEATSINK RGB30MC	31 53101	006.	CONNECTOR TAP MOBTE P 1 ,110
13 3019	0030	TRANSISTOR SET INSULAT TO-126	80 0772	008.	HEATSINK RGB30MC
13 30192	0031	TRANSISTOR MICA INSULAT TO-126	36 20226	0081	SCREW DIN84 M 3 X 8 MP-
36 20157	0032	SCREW DIN84 M 2,5X12 MP-	36 7502	0082	WASHER LA 3,2 D6798
36 61106	0033	NUT M 2,5 H D 934	36 61026	0083	NUT M 3 H D 934
36 7600	0035	FIXING BLOC UNIVERSEL M3	31 5315	009.	CONNECTOR RIVET MOBTE D 2L14
36 7435	0036	RIVET AL AL AD34ABS D2,4	13 3013	010.	TRANSISTOR MOUNTING PAD TO-5
36 7448	0036	RIVET AL AL AD36ABS D2,4	13 30191		TRANSISTOR BUSH INSULATTO-126
36 7502	0037	WASHER LA 3,2 D6798	13 30192		TRANSISTOR MICA INSULATTO-126
36 20216	0038	SCREW DIN84 M 3 X 6 MP-	13 30193		TRANSISTOR BUSH INSULATTO-126

INTRODUCTION

1. Connect RGB analog signals (0,7V) from a multi frequency cross hatch pattern generator or from another RGB source to the respective inputs of the projector.
2. Connect the 30 MHz amplifier to the projector by means of the extension boards no. 792009.
3. Choose RGSB or RGB signals by means of the control switch as explained in the installation manual.
4. Start the projector.

A. R/G/B PRE-AMPLIFIER SECTION.

- adjust the contrast control for 8,6 V on board clamp B10.
- connect the input of the oscilloscope successively to the base of Q14, Q24, Q34.
- adjust P1, P2 and P3 to obtain 4 Vpp at the base of Q14, Q24 and Q34.

B. BLACK LEVEL AND CONTROL OF BCL.

- turn the brightness control to his mid-position.
- switch off the G2 of Red, Green and Bleu (switches on Convergence + G2 board 7612165/7612166)
- connect the oscilloscope successively to the cathodes of Red, Green and Bleu CRT.
- adjust P4, P5 and P6 to obtain 160 VDC on the outputs (cathodes) of Red, Green and Bleu.
- adjust the contrast control for 8,6 V on board clamp B10.
- to check the BCL, switch ON the G2 : the contrast will drop (amplitude of the signal will decrease).

C. R/G/B AMPLIFIER SECTION.

- adjust the contrast control for 8,6 V on board clamp B10.
- connect the oscilloscope successively to the cathodes of Red, Green and Bleu CRT.
- adjust P7, P8 and P9 to obtain 100 Vpp at the outputs of Red, Green and Bleu.

D. BANDWIDTH.

The capacitors C70, C80, C90 and the coils L1, L2, L3 are factory preset for a 30 MHz bandwidth of the RGB amplifier. Readjustment in the field is no more necessary.

INTRODUCTION

1. Connecter des signaux RVB analogues (0,7V) d'un "generateur de mire quadrillé à multi-fréquences" ou d'une autre source RVB aux entrées respectives du projecteur.
2. Mettre l'amplificateur RVB de 30 MHz sur des platines d'extension (no. 792009).
3. Choisir la mode RVBS ou RVSB à l'aide du commutateur sur le boîtier de commande, comme expliquer dans le manuel d'installation.
4. Mettre le projecteur en marche.

A. SECTION DE PRE-AMPLIFICATION R/V/B.

- régler le potentiomètre de contraste pour obtenir 8,6 V au contact B10 de la platine.
- brancher l'oscilloscope à la base de Q14.
- ajuster P1 pour une amplitude du signal de 4 Vpp.
- brancher l'oscilloscope à la base de Q24 et après à la base de Q34 et ajuster respectivement P2 et P3 pour une amplitude du signal de 4 Vpp.

B. NIVEAU DE NOIR ET CONTROLE DU BCL.

- régler le potentiomètre de lumière à mi-course.
- couper la tension G2 de Rouge, Verte et Bleue (utiliser les interrupteurs sur la platine de Convergence + G2 7612165/7612166).
- brancher l'oscilloscope successivement à la cathode du tube image Rouge, Verte et Bleue.
- ajuster P4, P5 et P6 pour en obtenir 160 VDC.
- régler le potentiomètre de contraste pour obtenir maximum contraste.
- remettre la tension G2 pour la vérification de la limitation du courant de faisceau : le contraste doit diminuer (réduction de l'amplitude du signal).

C. SECTION DE L'AMPLIFICATION R/V/B.

- régler le potentiomètre de contraste pour obtenir 8,6 V au contact B10 de la platine.
- brancher l'oscilloscope successivement à la cathode du tube image Rouge, Verte et Bleu.
- ajuster respectivement P7, P8 et P9 pour en obtenir une amplitude du signal de 100 Vpp.

D. LARGEUR DE BANDE.

La largeur de bande est correctement alignée au départ de l'usine à l'aide des condensateurs C70, C80, C90 et des bobines L1, L2, L3. Il est donc consulté de ne pas réaligner la largeur de bande.