

ADJUSTMENT "FOC VOLT" P4

- Necessary equipment : * Voltmeter
 - * High - tension probe
 - with a minimum input
 - impedance of 1000 Mohm

- IMPORTANT :

The alignment of P4 requires a correct adjusted EHT voltage on 34.7 kV and a warm-up period of the projector for about half an hour.

The EHT probe to be used for the voltmeter has to have an input impedance of 1000 MOhm.

- ADJUSTMENT :

- Put the focus potentiometers in their mid position.
- Connect the EHT probe to the junction P1 P2 P3 R7.
- Adjust P4 to obtain a tension of 10.7 kV.

EINSTELLUNG VON P4 "FOC VOLT"

- Benötigtes Material : * Voltmeter
 - * Hochspannungstestsonde
 - mit Minimaleingangsim-
 - pedanz 1000 MOhm

- WICHTIG :

Es ist notwendig, daß die Hochspannung genau 34.7 KV beträgt, und daß der Projektor während einer halben Stunde angeheizt wurde bevor Sie mit dem Einstellen von P4 anfangen.


Wenden Sie eine Testsonde mit Minimaleingangs-impedanz 1000 MOhm an für die Einstellung von P4.

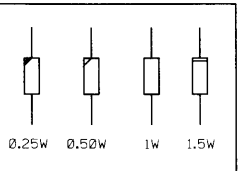
- EINSTELLUNG :

- Setzen Sie die Fokussierungspotentiometer (P1, P2, P3) in die Mittelposition.
- Verbinden Sie die Hochspannungstestsonde vom Voltmeter mit dem Knoten P1 P2 P3 R7.
- Stellen Sie P4 so ein, bis eine Hochspannung von 10.7 KV gemessen wird.

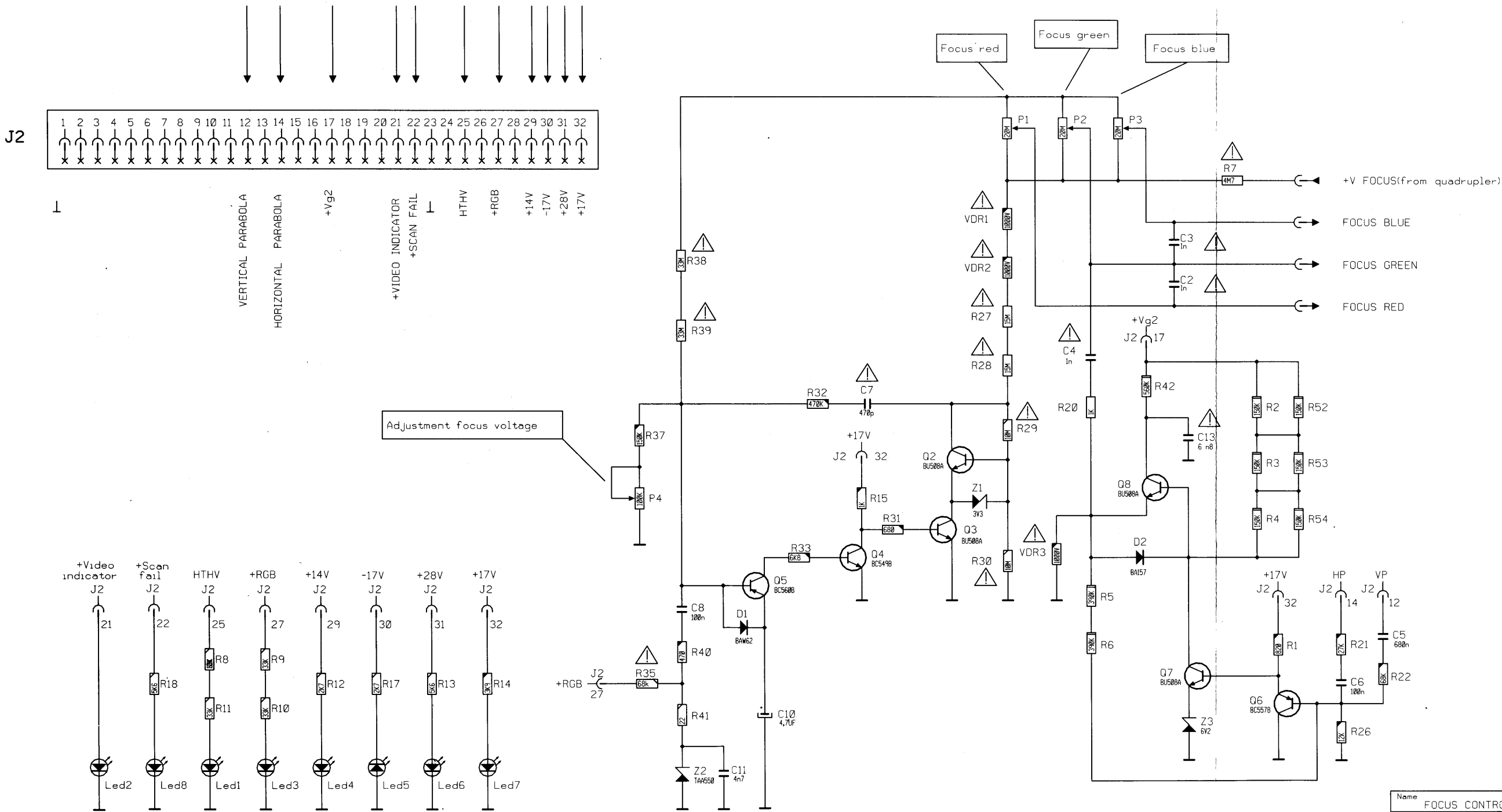
ITEM NO.	SIT.	DESCRIPTION	ITEM NO.	SIT.	DESCRIPTION
11 4720	C..2	CAPACITOR CESA Y 1K M 400	10 2136	R.20	RESISTOR CC 1K K 1W
11 4720	C..3	CAPACITOR CESA Y 1K M 400	10 1153	R.21	RESISTOR CF 27K J OW25
11 4625	C..4	CAPACITOR HV AX 1K S 10000	10 1158	R.22	RESISTOR CF 68K J OW25
11 4105	C..5	CAPACITOR POMEFF 680K K 100	10 1149	R.26	RESISTOR CF 12K J OW25
11 4100	C..6	CAPACITOR POMEFF 100K K 100	10 46721	R.27	RESISTOR HV 5M6 J 1W
11 2098	C..7	CAPACITOR CE DI 470P M 2000	10 46821	R.28	RESISTOR HV 15M J 1W
11 4079	C..8	CAPACITOR POMEPO 100K M5 63	10 4678	R.29	RESISTOR HV 10M J OW50
11 1184	C.10	CAPACITOR ELAX 4M7 Z 40	10 4678	R.30	RESISTOR HV 10M J OW50
11 2747	C.11	CAPACITOR CE MI 4K7 K5 63	10 1134	R.31	RESISTOR CF 680E J OW25
11 1720	C.13	CAPACITOR PPMEPO 6K8 J 1500	10 1168	R.32	RESISTOR CF 470K J OW25
13 1628	D..1	DIODE BAW62 SWITCH	10 1146	R.33	RESISTOR CF 6K8 J OW25
13 1637	D..2	DIODE BA158 SWITCH	10 3158	R.35	RESISTOR MO 68K J OW70
13 1663	LED1	DIODE LD56-2 LED D5 YELLOW	10 1162	R.37	RESISTOR CF 150K J OW25
13 1665	LED2	DIODE CQV25-4 LED D5 GREEN	10 46901	R.38	RESISTOR HV 33M J 1W
13 1663	LED3	DIODE LD56-2 LED D5 YELLOW	10 46901	R.39	RESISTOR HV 33M J 1W
13 1663	LED4	DIODE LD56-2 LED D5 YELLOW	10 1132	R.40	RESISTOR CF 470E J OW25
13 1663	LED5	DIODE LD56-2 LED D5 YELLOW	10 1116	R.41	RESISTOR CF 22E J OW25
13 1663	LED6	DIODE LD56-2 LED D5 YELLOW	10 1469	R.42	RESISTOR CF 560K J 1W50
13 1663	LED7	DIODE LD56-2 LED D5 YELLOW	10 1469	R.45	RESISTOR CF 560K J 1W50
13 1664	LED8	DIODE CQV21-5 LED D5 RED	10 5119	VDR1	RESISTOR VDR 1000V
10 7601	P..1	POTMETER CA 20M	10 5119	VDR2	RESISTOR VDR 1000V
10 7601	P..2	POTMETER CA 20M	10 5119	VDR3	RESISTOR VDR 1000V
10 7601	P..3	POTMETER CA 20M	10 5119	VDR4	RESISTOR VDR 1000V
10 6733	P..4	TRIMPOT CEMH 100K K OW50	13 1754	Z..1	DIODE ZENER 3V3 OW5 C
71 6221	PC..	PC DATA FOCUS CONTR 761384	13 2102	Z..2	INTEGRATED CIRCUIT 550 TAA
13 25096	Q..2	TRANSISTOR BU508A,ON4046	13 1720	Z..3	DIODE ZENER 6V2 OW5 C
13 25096	Q..3	TRANSISTOR BU508A,ON4046	31 3525	001.	CONNECTOR EURO MOBSE P64
13 14295	Q..4	TRANSISTOR BC549B,	36 7699	0011	RIVET CHOBERT D2,38 L6,35
13 2590	Q..5	TRANSISTOR BC560B	72 1632	002.	SMCDIOSPACER LED5
13 14131	Q..6	TRANSISTOR BC557B,BC307B	80 1671	003.	SPACER L20 D 6 M3 PSU
13 25096	Q..7	TRANSISTOR BU508A,ON4046	31 5331	0031	SOLDERLUG SCREW 1TAG D3.2 L12
13 25096	Q..8	TRANSISTOR BU508A,ON4046	36 7502	0032	WASHER DIN6798 A 3,2
10 1135	R..1	RESISTOR CF 820E J OW25	36 20226	0033	SCREW DIN84 M 3 X 8 MP-
10 14625	R..2	RESISTOR MF 150K J 1W50	80 1186	004.	NUT RIV M3 INOX D8D4,9L4
10 14625	R..3	RESISTOR MF 150K J 1W50	71 4944	005.	SPACER RIV L18,25D 7 M3 AL
10 14625	R..4	RESISTOR MF 150K J 1W50	34 8019	006.	WIRE TIE L100
10 14675	R..5	RESISTOR MF 390K J 1W50	36 9996	007.	SCREW DIN84 M 3 X12 PP
10 14675	R..6	RESISTOR MF 390K J 1W50	36 6150	0071	NUT DIN934 M 3 PLAST HEXAGONAL
10 46721	R..7	RESISTOR HV 5M6 J 1W	80 1071	0072	SPACER L 3 D7 D4 PVC
10 1254	R..8	RESISTOR CF 33K J OW50	80 1069	008.	HEATSINK 43 FOCUS CONT BU508
10 1254	R..9	RESISTOR CF 33K J OW50	80 1070	0081	SPACER L 5 D 8 D4 PVC
10 1254	R.10	RESISTOR CF 33K J OW50	80 1071	0082	SPACER L 3 D7 D4 PVC
10 1254	R.11	RESISTOR CF 33K J OW50	13 3011	0083	TRANSISTOR BUSH INSULAT TO-220
10 1241	R.12	RESISTOR CF 2K7 J OW50	36 20256	0084	SCREW DIN84 M 3 X16 MP-
10 1245	R.13	RESISTOR CF 5K6 J OW50	36 7502	0086	WASHER DIN6798 A 3,2
10 1143	R.14	RESISTOR CF 3K9 J OW25	31 5310	009.	CONNECTOR TAB MOBTE P 1 2,8
10 1136	R.15	RESISTOR CF 1K J OW25	72 18582	010.	KNOB TURN FOCUS RED S43
10 1241	R.17	RESISTOR CF 2K7 J OW50	72 18585	011.	KNOB TURN FOCUS GREEN S43
10 1245	R.18	RESISTOR CF 5K6 J OW50	72 18586	012.	KNOB TURN FOCUS BLUE S43
			80 1140	013.	ISOLATION STRIP FOCUS CONTROL
			80 1241	014.	ISOLATION FOCUS S43
			31 31491	015.	CONNECTOR RIVET MOBTE D3 L12

PRODUCT SAFETY NOTICE

COMPONENTS MARKED WITH * OR  HAVE SPECIAL CHARACTERISTICS IMPORTANT TO SAFETY BEFORE REPLACING ANY OF THESE COMPONENTS. READ CAREFULLY THE SERVICE SAFETY PRECAUTIONS. DO NOT DEGRADE THE SAFETY OF THIS SET THROUGH IMPROPER SERVICING



J15(5)	North-South correction & Horizontal shift	
J14(1)	Horizontal deflection & EHT	
J12(6)	J12(13)	Vertical deflection & sync
J10(32)	Input video & convergence generator	
J5(26) J5(16) J5(4) J5(1) J5(13) J5(7)	Switch mode power supply	



Name	FOCUS CONTROL	Article nr.	76 13841
Date	04/03/88	Drawn	PG
Checked	CD		
BARCO	Electronic	Noordlaan 5	8720 Kornee - Belgium