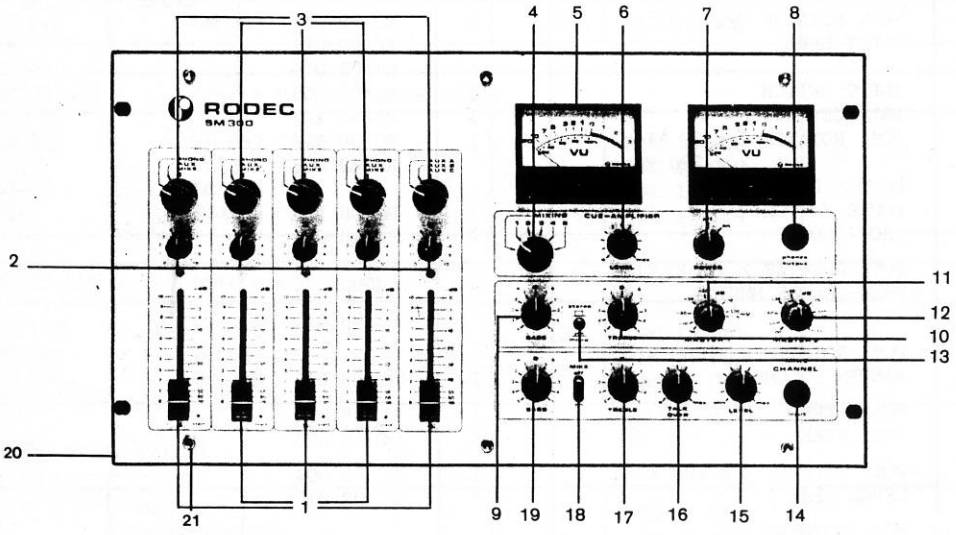
SERVICE MANUAL

rodec sm 300



FRONT ASSY

Ref. No.	Description	Qty.	RC Number	Remarks
1	FADER KNOB BLACK	5	RC 05 101	
	" " WHITE	5	RC 05 102	
	P&G RED	5	RC 05 103	
2	KNOB ASSY 16 mm	5	RC 05 022	
3	KNOB ASSY 23 mm	5	RC 05 026	
4	KNOB ASSY 23 mm	1	RC 05 026	
5	VU METER BERTRAM	2	RC 05 119	Between chassis
	" " VOGELS	2	RC 05 219	N° 187633 and N°
	WINDOW BERTRAM	-	RC 05 116	188470
	" VOGELS	-	RC 05 216	VU METER VOGELS
	LAMP 12V	4	RC 05 901	
6-7-9-10 15-16-17-19	KNOB ASSY 20 mm	8	RC 05 023	
8-14	JACK	2	RC 10 020	
11-12	KNOB TOP 16 mm	2	RC 05 022	
	BOTTOM 20 mm	2	RC 05 027	
13	MONO/STEREO KNOB	1	RC 05 105	
18	MIKE ON/OFF SWITCH	1	RC 08 108	
20	FRONT BLACK		RC 05 008	
	" CHAMP.		RC 05 007	
21	SCREW HEXA	6	RC 05 018	

SWITCHES AND POTENTIOMETERS

Ref. No.	Description	Qty.	RC Number	Remarks
1	FADER NOBLE	5	RC 08 026	Noble Faders from chassis N° 189054 on. Older models can be revised with new circuit board including new faders Ordern°RC 27126
2	POT. ROTATIF 2x100 Klin INPUT LEVEL	5	RC 08 004 RC 08 012 RC 08 019	
3	INPUT SWITCH	5	RC 08 103	
4	PRE CUE SWITCH	1	RC 08 103	
6	POT. ROTATIF 2 x 22 Klog 2 x 220 Klog PHONES LEVEL	1	RC 08 016 RC 08 032	
7	POWER SWITCH	1	RC 08 115	
8	JACK PHONES	1	RC 10 020	
9-10	POT. ROTATIF 2 x 100 Klin BASS-TREBLE MUSIC	5	RC 08 004 RC 08 019	
11-12	POT. ROTATIF 2 x 100 Klog MASTER VOLUME	2	RC 08 015	
13	MONO/STEREO SWITCH	1	RC 08 111	
14	JACK MIKE	1	RC 10 020	
15	POT. ROTATIF 2 x 100 Klin LEVEL MIKE	1	RC 08 004 RC 08 019	
16-17-19	POT. ROTATIF BASS-TREMBLE TALKOVER	3	RC 08 017	
18	SWITCH MIKE ON/OFF	1	RC 08 108	

SEMI CONDUCTORS AND IC'S

RC 25 025	INPUT & LEVEL BOARD			
IC 1-2-3-4-5	LN 387 / NE542	5	RC 18 006	

RC 25 022	SUPPLY & METER BOARD			
IC 1	MC 1458	1	RC 18 005	
IC 2	7824	1	RC 18 013	
Q 1	BC 549	1	RC 17 001	
Q 3	BC 338	1	RC 17 003	
D 1-8	AA 117	8	RC 17 108	
D 9	B40 C800	1	RC 17 120	

RC 25 028	DJ MIKE BOARD			
IC 1	LM 387 / NE 542	1	RC 18 006	
IC 2	TL 071 / CA 3140	1	RC 18 007	
D 1-2	1N 4448	2	RC 17 105	

Ref. No.	Description	Qty.	RC Number	Remarks
RC 25 132	PU INPUT BOARD			
	NE 542 / LN 387	2	RC 18 006	
IC 1-2	TL 072	2	RC 18 008	

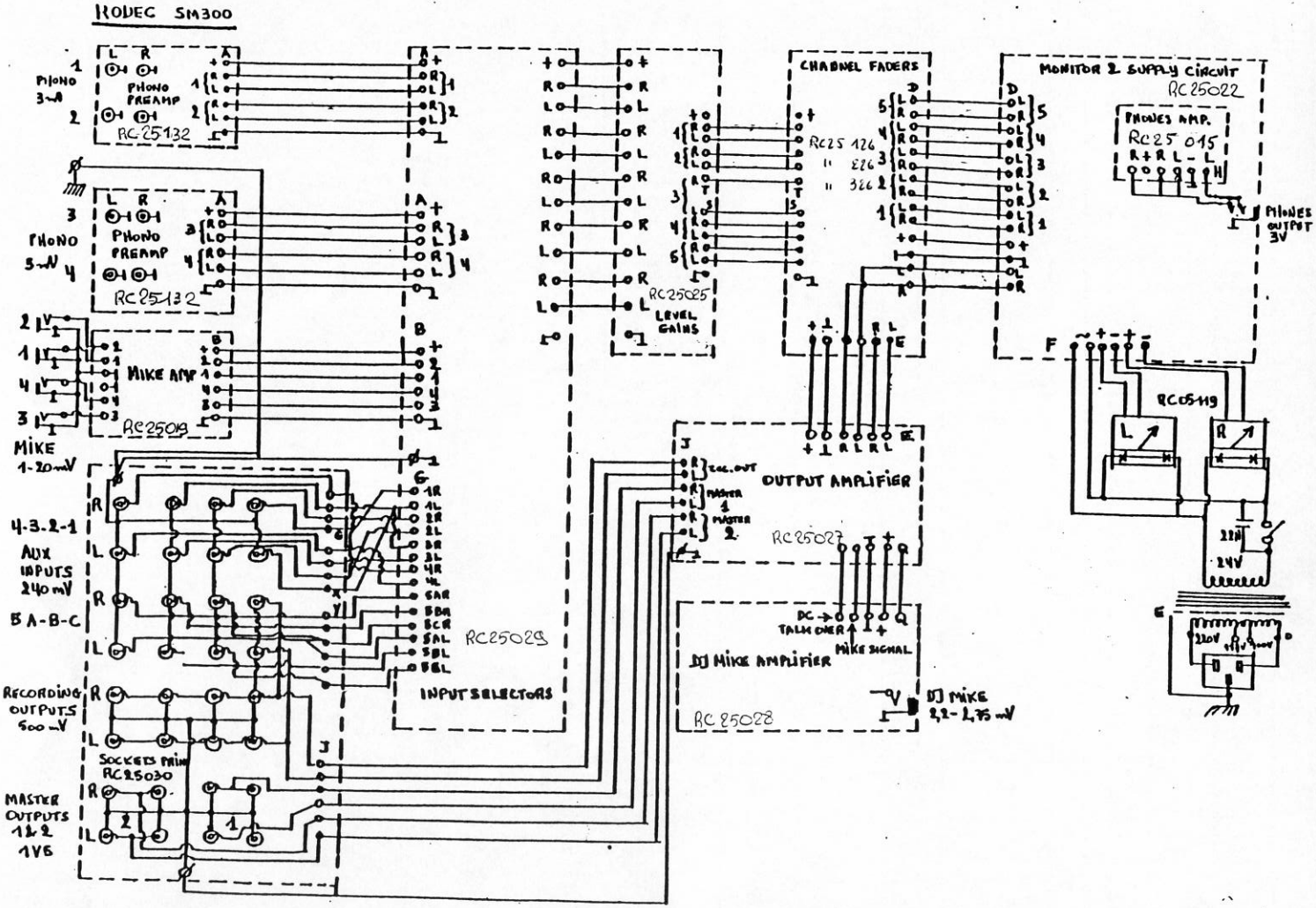
RC 25 019	MIKE BOARD			
IC 1-2	LM 387 / NE 542	2	RC 18 006	

RC 25 027	TONE + MASTER VOLUME BOARD			
IC 1-2	LM 387 / NE 542	2	RC 18 006	
IC 3	TL 072 / CA 3240	1	RC 18 008	
Q1-Q4	BC 338	4	RC 17 001	
D1-4	BZX 75 C2V1	4	RC 17 110	

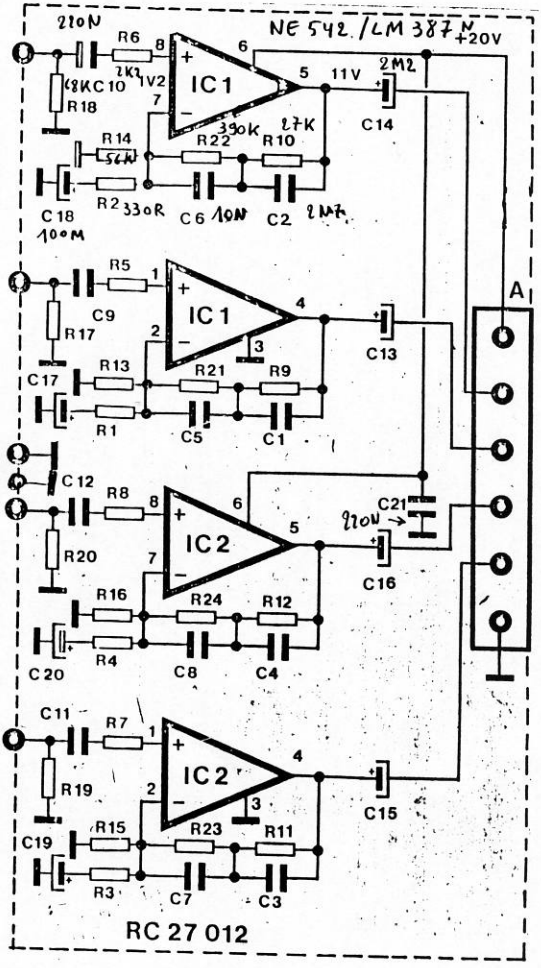
RC 25 015	HEADPHONES BOARD			
TR 1-2	BC 549 C	2	RC 17 001	
TR 3-4	BC 559 C	2	RC 17 002	
TR 5-6	BC 338	2	RC 17 003	

DIFFERENT PARTS

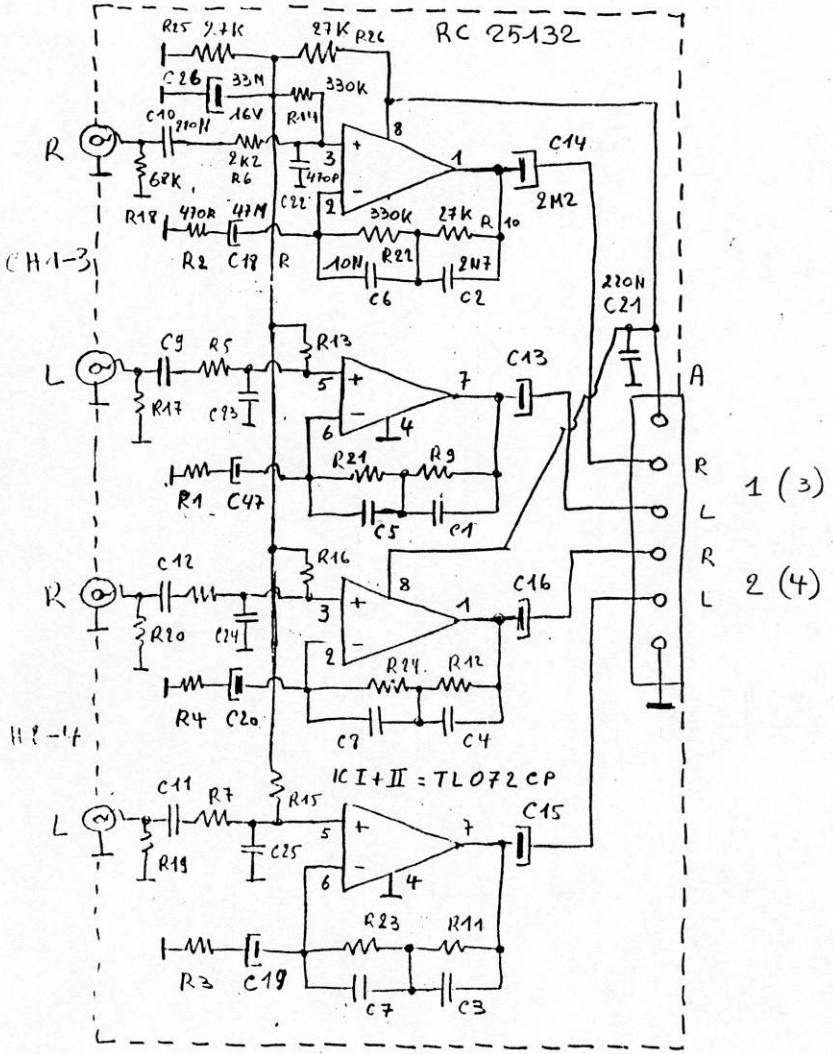
	TRAFO	1	RC 21 003	
	MAINS SOCKET	1	RC 12 015	
	MAINS CORD	1	RC 12 002	


RODEC SM300
PHONO 3-4
PHONO PREAMP
RC25132
PHONO 5-6
MIKE AMP
RC2509
MIKE 1-20mV
4-3-2-1 AUX INPUTS 240mV
5A-B-C
RECORDING OUTPUTS 500mV
SOCKETS PRIM RC25030
MASTER OUTPUTS 1&2 1V6
INPUT SELECTORS
RC25029
RC25025
LEVEL GAINS
CHANNEL FADERS
RC25 126
RC25 226
RC25 326
OUTPUT AMPLIFIER
RC25027
MIKE AMPLIFIER
RC25028
MIKE SIGNAL
MIKE 2,2-2,75 mV
MONITOR & SUPPLY CIRCUIT
RC25022
PHONES AMP.
RC25 015
PHONES OUTPUT 3V
RC05119
24V
220V

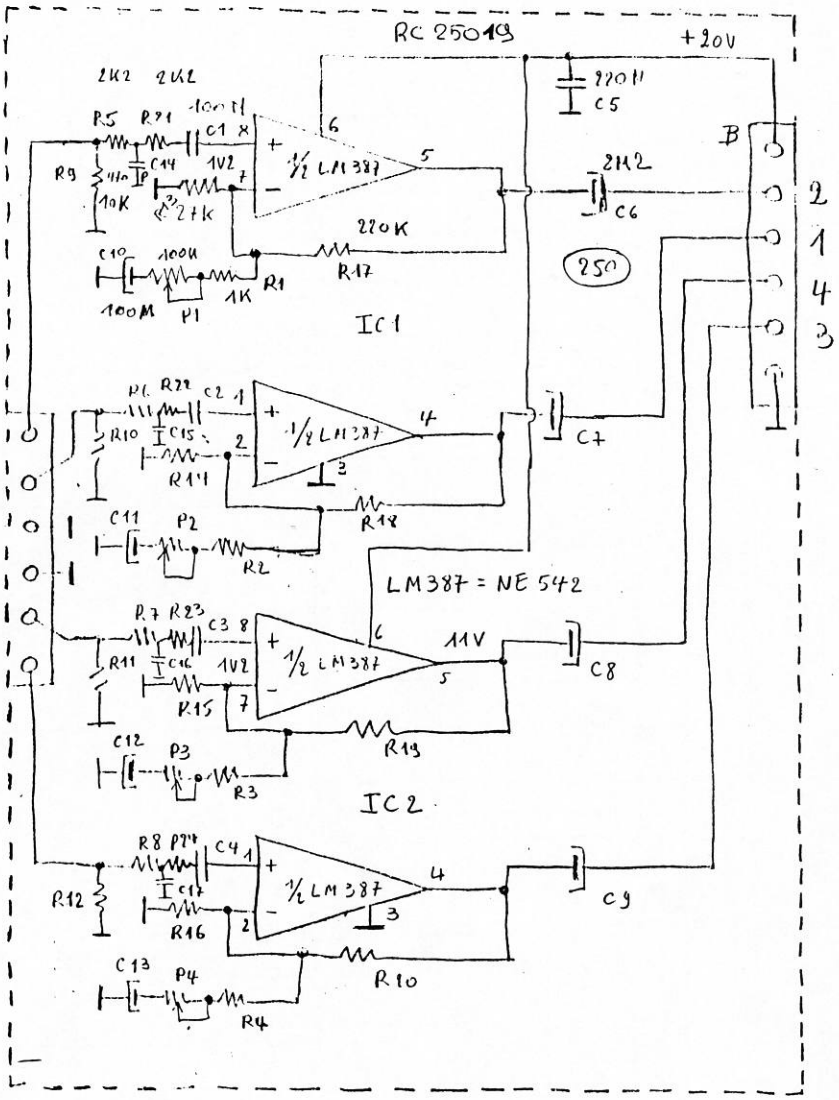
PHONO INPUT CIRCUIT RC27 012



PHONO INPUT CIRCUIT RC25 132

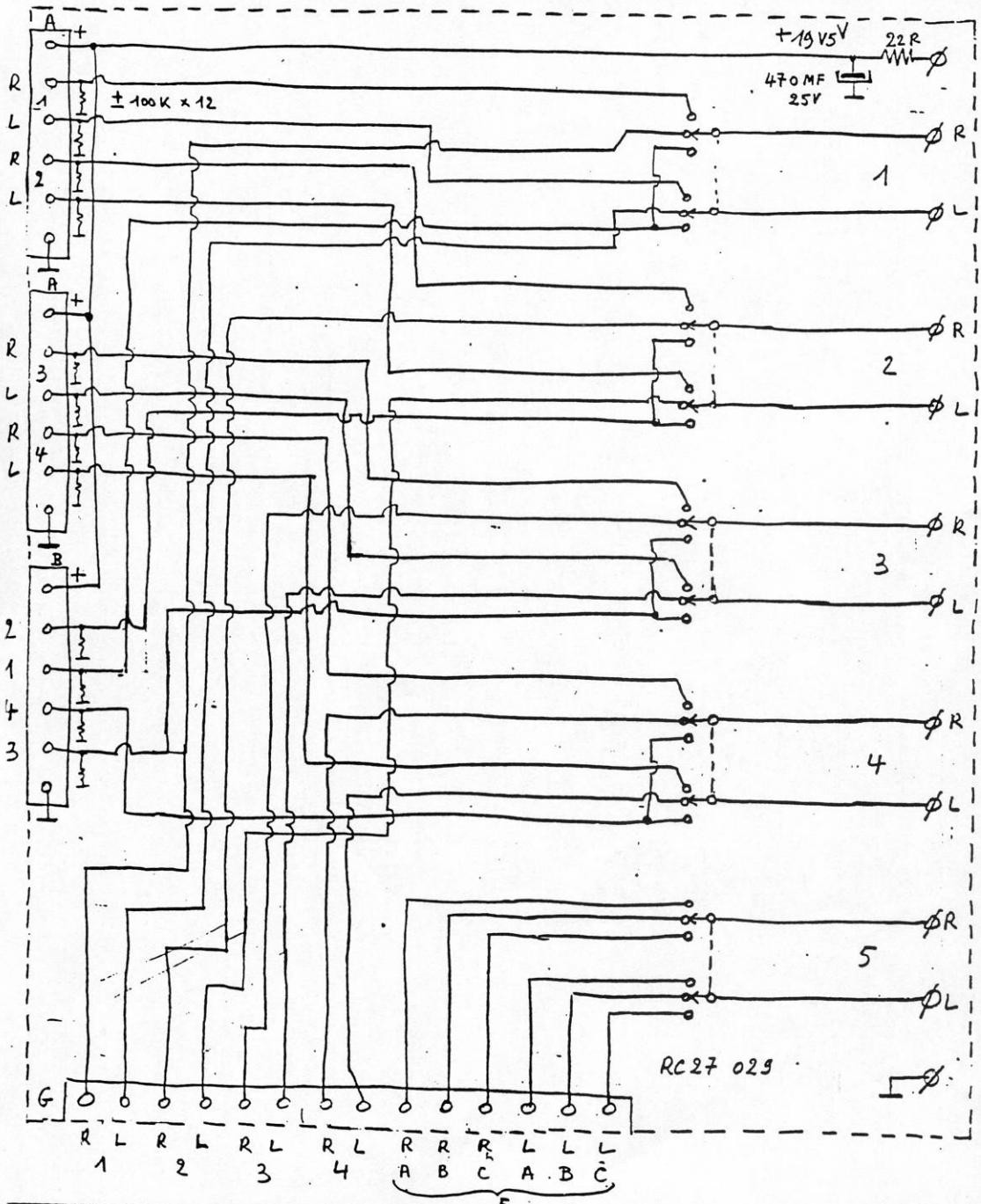


Quadro mike amp. RC 25 019



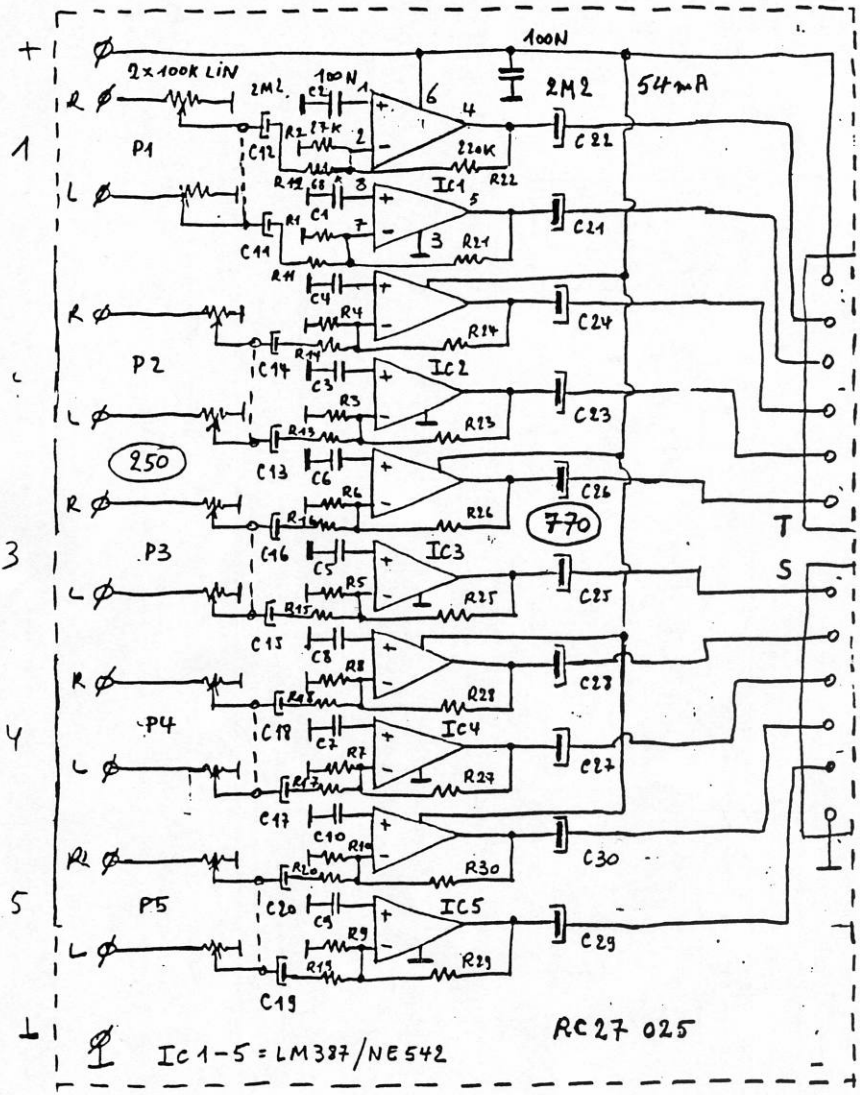
Input Selectors circuit RC 27 029

SM 300

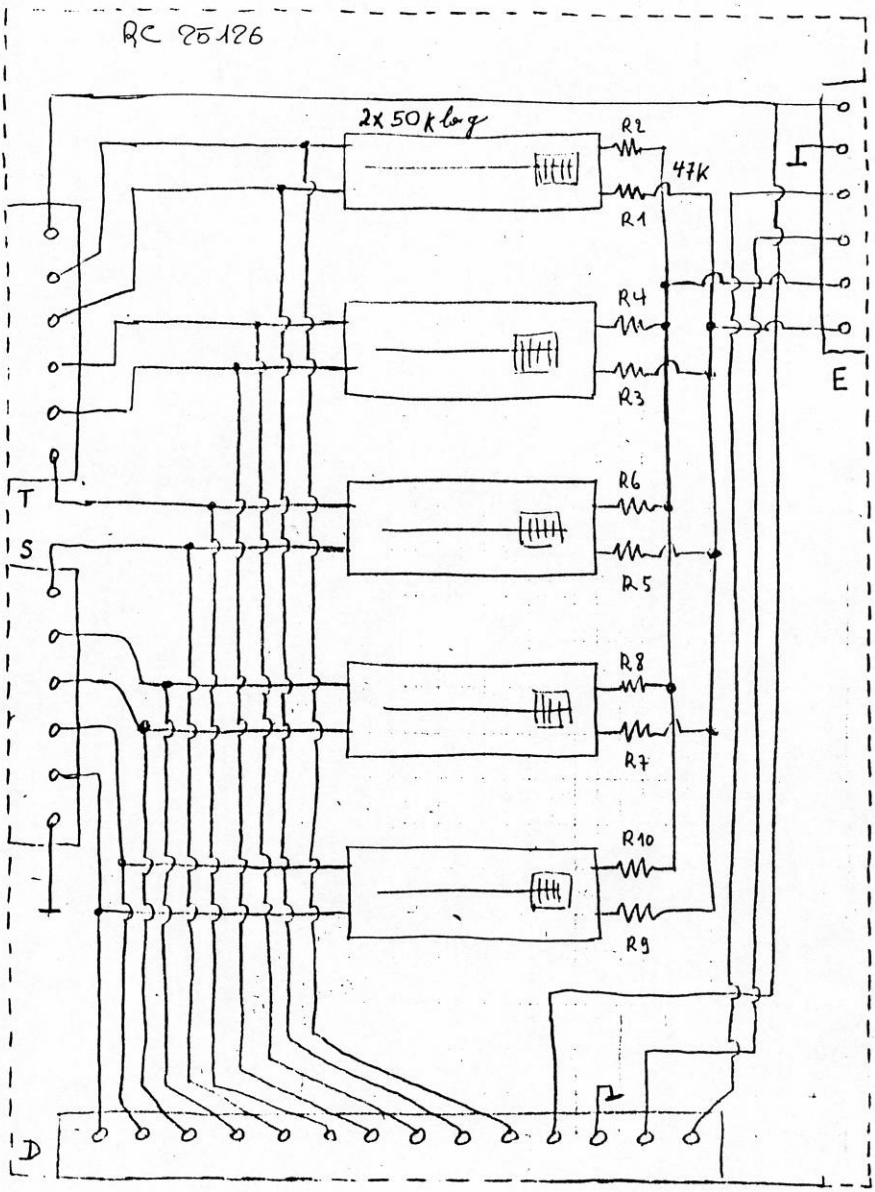


LEVEL GAINS CIRCUIT RC27 025

SM.300

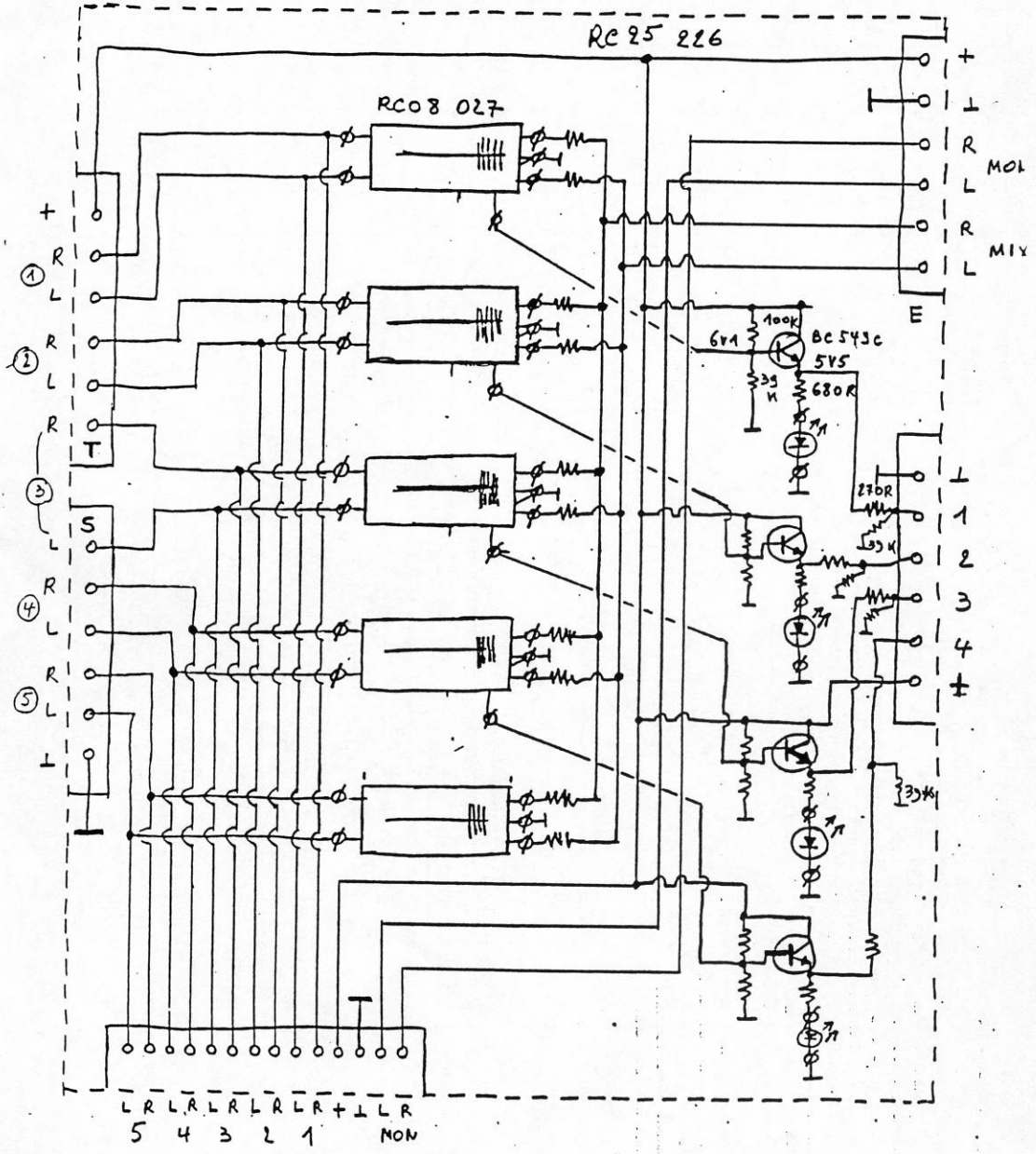


CHANNEL FADERS CIRCUIT RC25 126



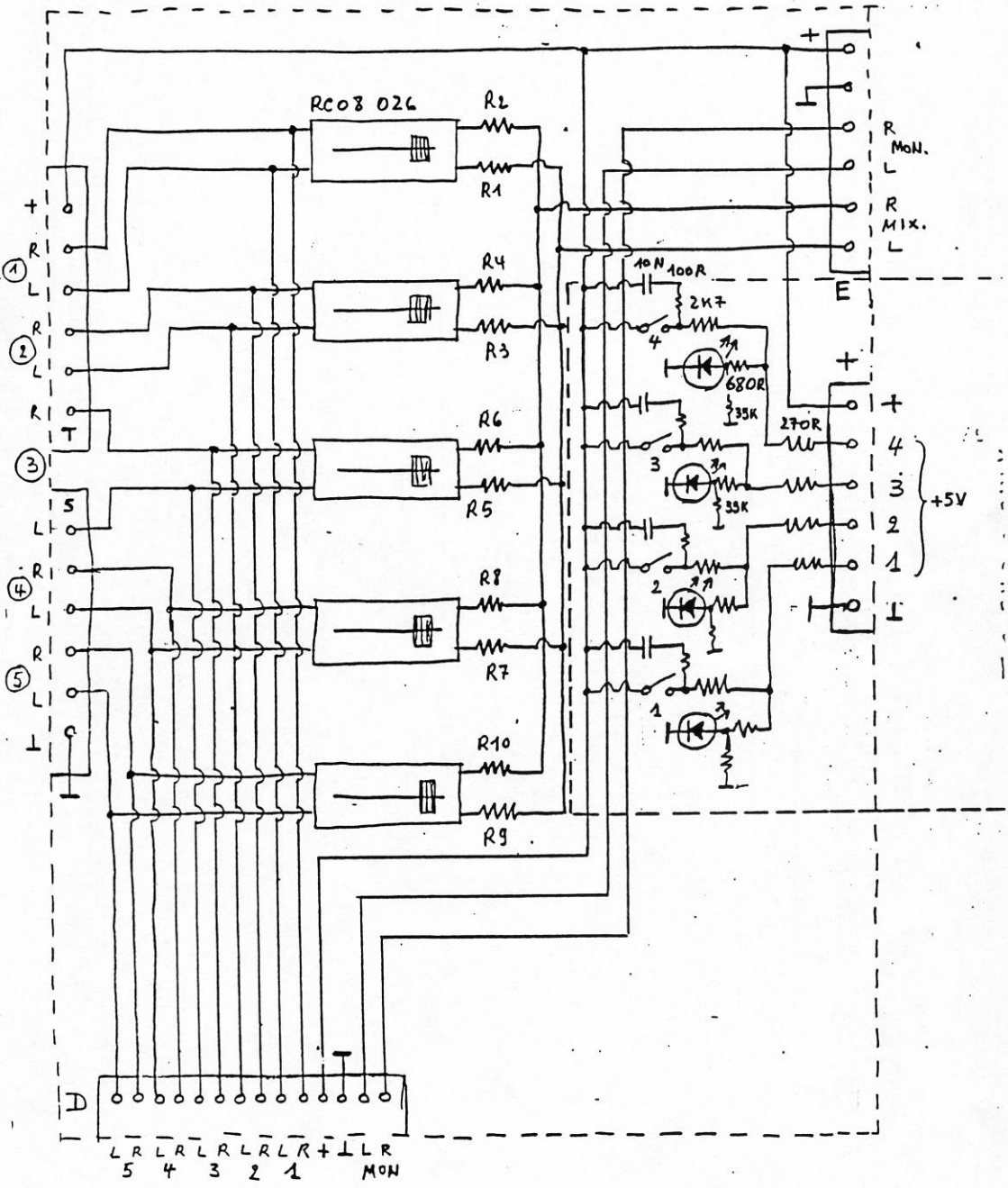
CHANNEL FADERS CIRCUIT P&G RC27226:

P&G

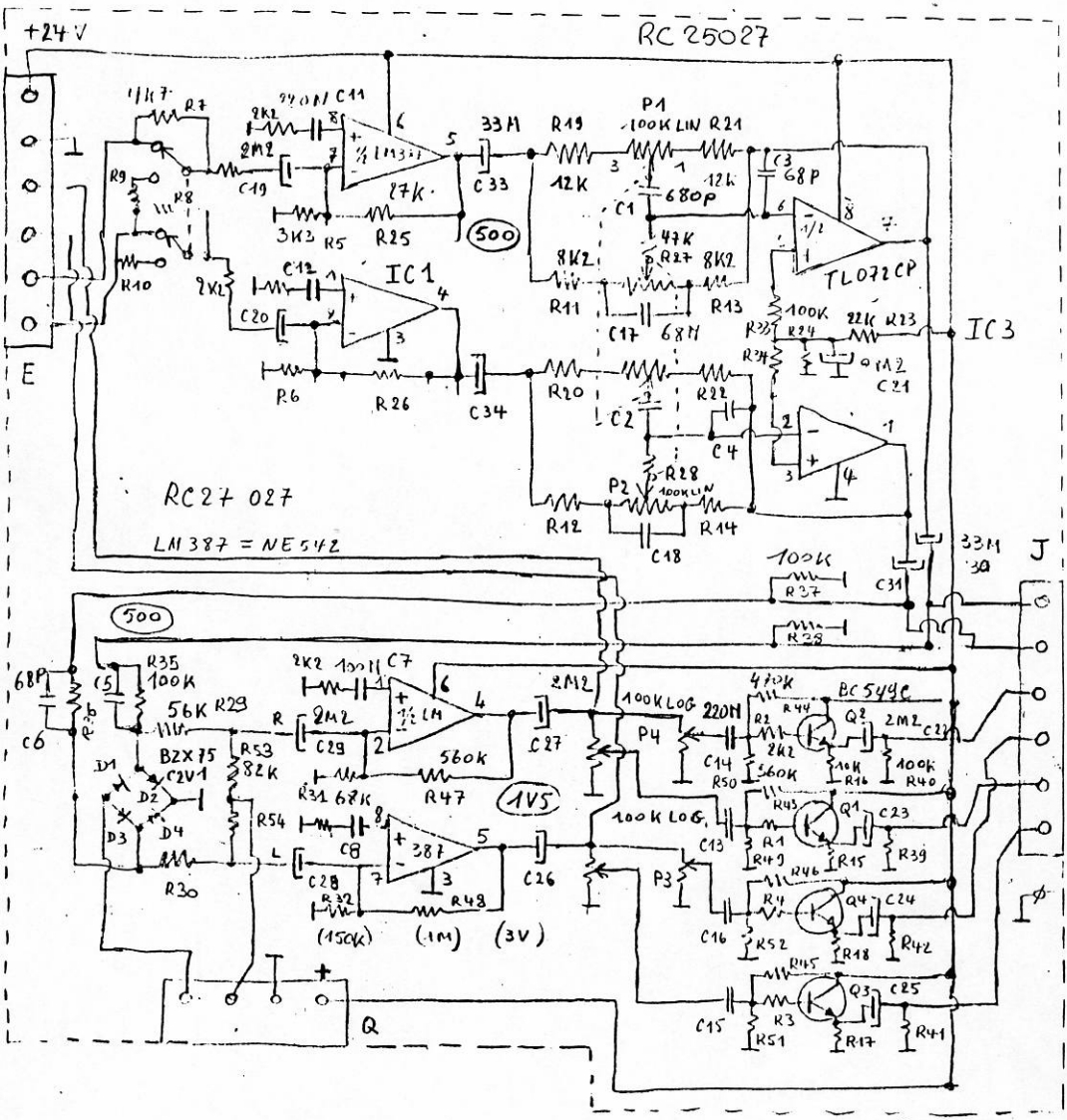


CHANNEL FADERS CIRCUIT RC27 126 / 326

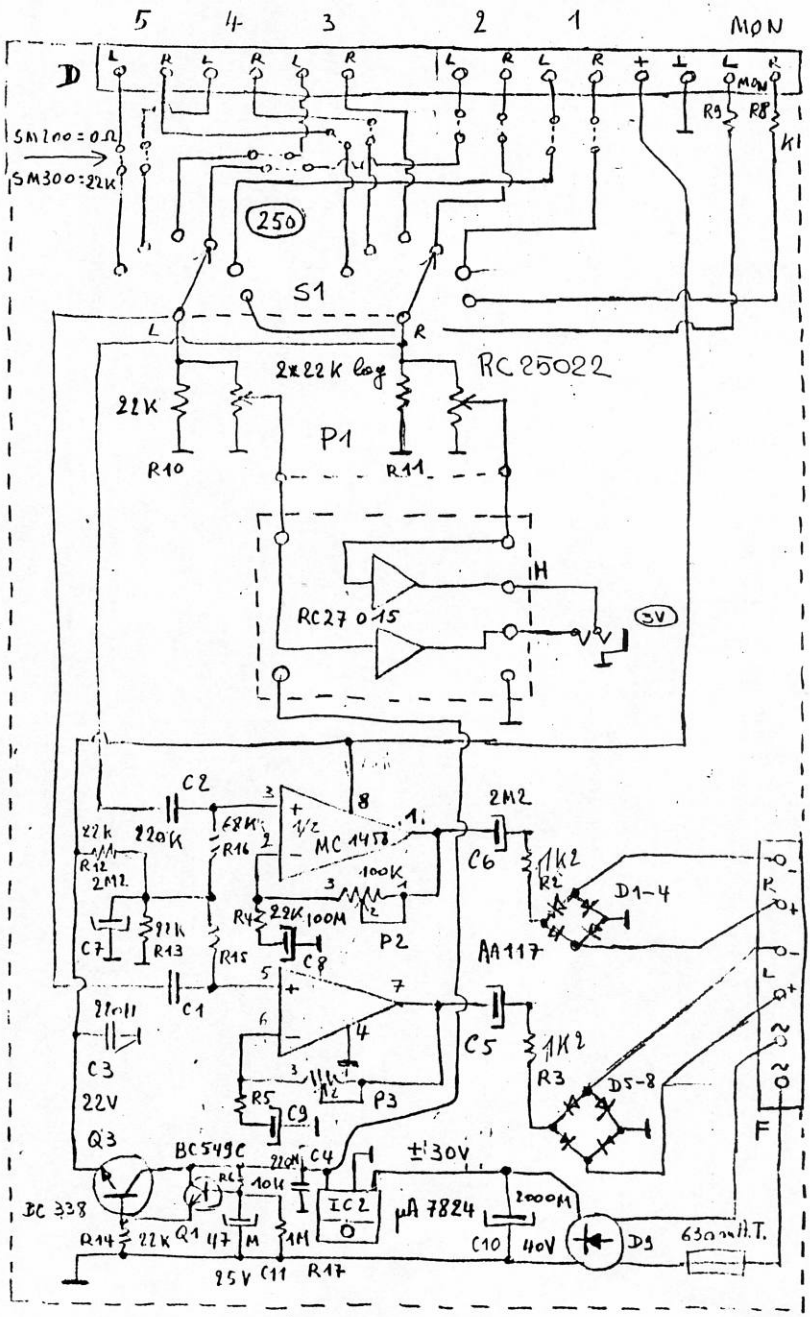
SM 200/



Output circuit RC25 027

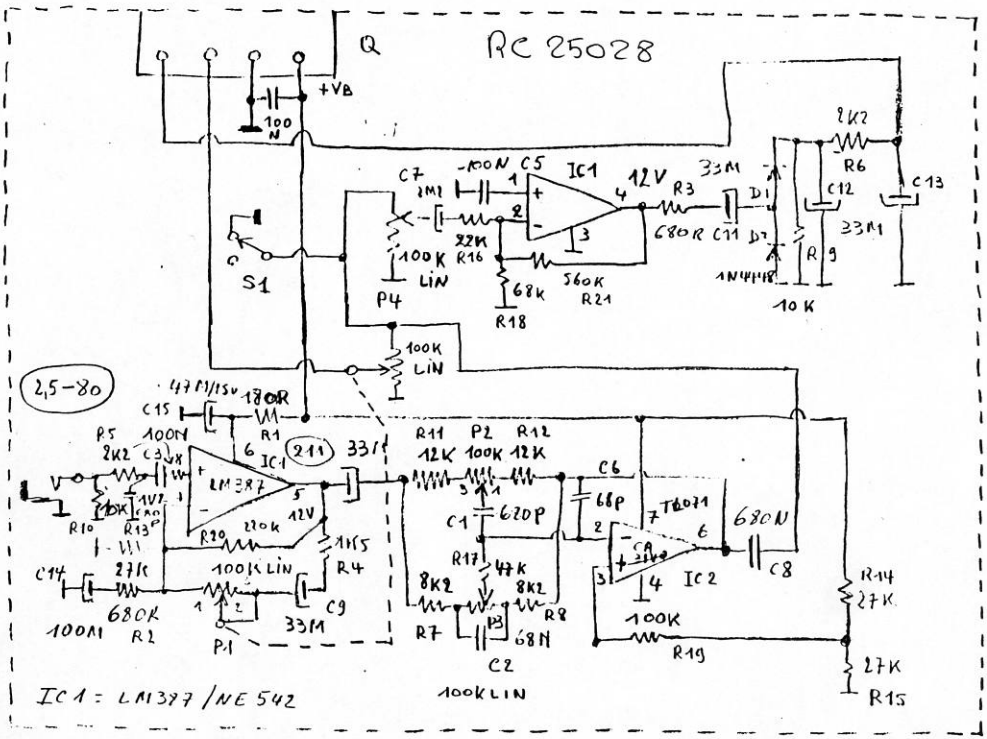


Meter & Supply circuit RC25 022



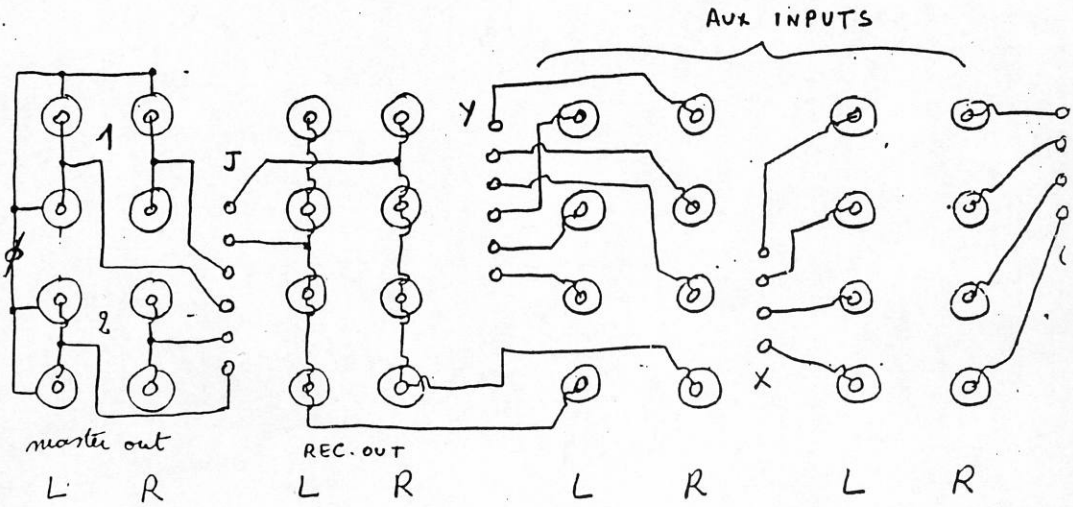
SUPPLY OF PHONES AMPLIFIER AFTER IC2 FROM N° 187.422 ON

MIKE AMP. CIRCUIT : RC25 028



ADDITIONAL POLYESTER 100NF ON SUPPLY SOCKET FROM N°187.400

SOCKETS CIRCUITS RC25 030



PHONES OUTPUT CIRCUIT RC25 015

