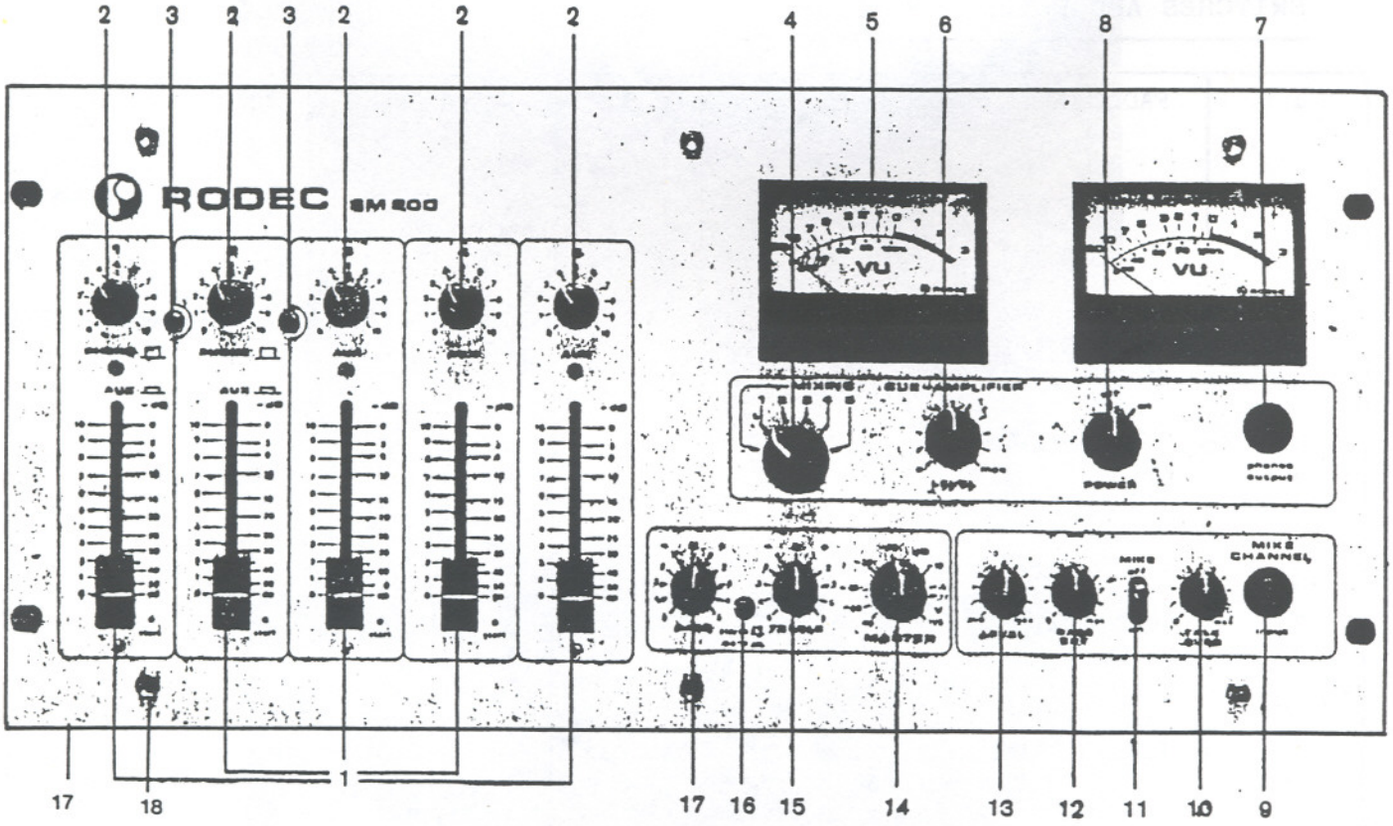
SERVICE MANUAL

rodec sm 200



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 LINE/PU	2	RC 05 105	
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	189053
	" VOGELS	-	RC 05 216	VU METER VOGELS
	LAMP 12V	4	RC 05 901	
6-8	KNOB ASSY 20 mm	2	RC 05 023	
7	JACK	1	RC 10 022	
9	JACK SOLDER TAGS	1	RC 10 021	
10-12-13 -15-17	KNOB ASSY 16 mm	5	RC 05 022	
11	MIKE ON/OFF SWITCH	1	RC 08 108	
14	KNOB TOP 16 mm	1	RC 05 022	
	BOTTOM 20 mm	1	RC 05 027	
16	KNOB MONO/STEREO	1	RC 05 105	

Ref. No.	Description	Qty.	RC Number	Remarks
17	FRONT CHAMP.	-	RC 05 003	
18	SCREW HEXA	6	RC 05 018	

SWITCHES AND POTENTIOMETERS

1	FADER NOBLE	5	RC 08 026 Before chassis N° 189054 RC08 022	Noble Faders from chassis N°189054 on. Older models can be revised w. new circuit board including new faders. Ordernmbr.RC 27126
2	POT. ROTATIF 2x100 Klin INPUT LEVEL	5	RC 08 004 RC 08 012 RC 08 019	
3	INPUT SWITCH	2	RC 08 111	
4	PRE CUE SWITCH	1	RC 08 103	
6	POT. ROTATIF 2x22 Klog 2x220 Klog PHONES LEVEL	1	RC 08 016 RC 08 014 RC 08 032	
7	JACK PHONES	1	RC 10 020	
8	POWER SWITCH	1	RC 08 115	
9	JACK MIKE	1	RC 10 021	
10-12-13	POT. ROTATIF 100 K lin	3	RC 08 013	
11	MIKE SWITCH	1	RC 08 108	
14	POT. ROTATIF 2x100 Klog	1	RC 08 015	
15-17	POT. ROTATIF 2x100 Klin	2	RC 08 004 RC 08 012 RC 08 019	
16	MONO/STEREO SWITCH	1	RC 08 111	

SEMI CONDUCTORS AND IC'S

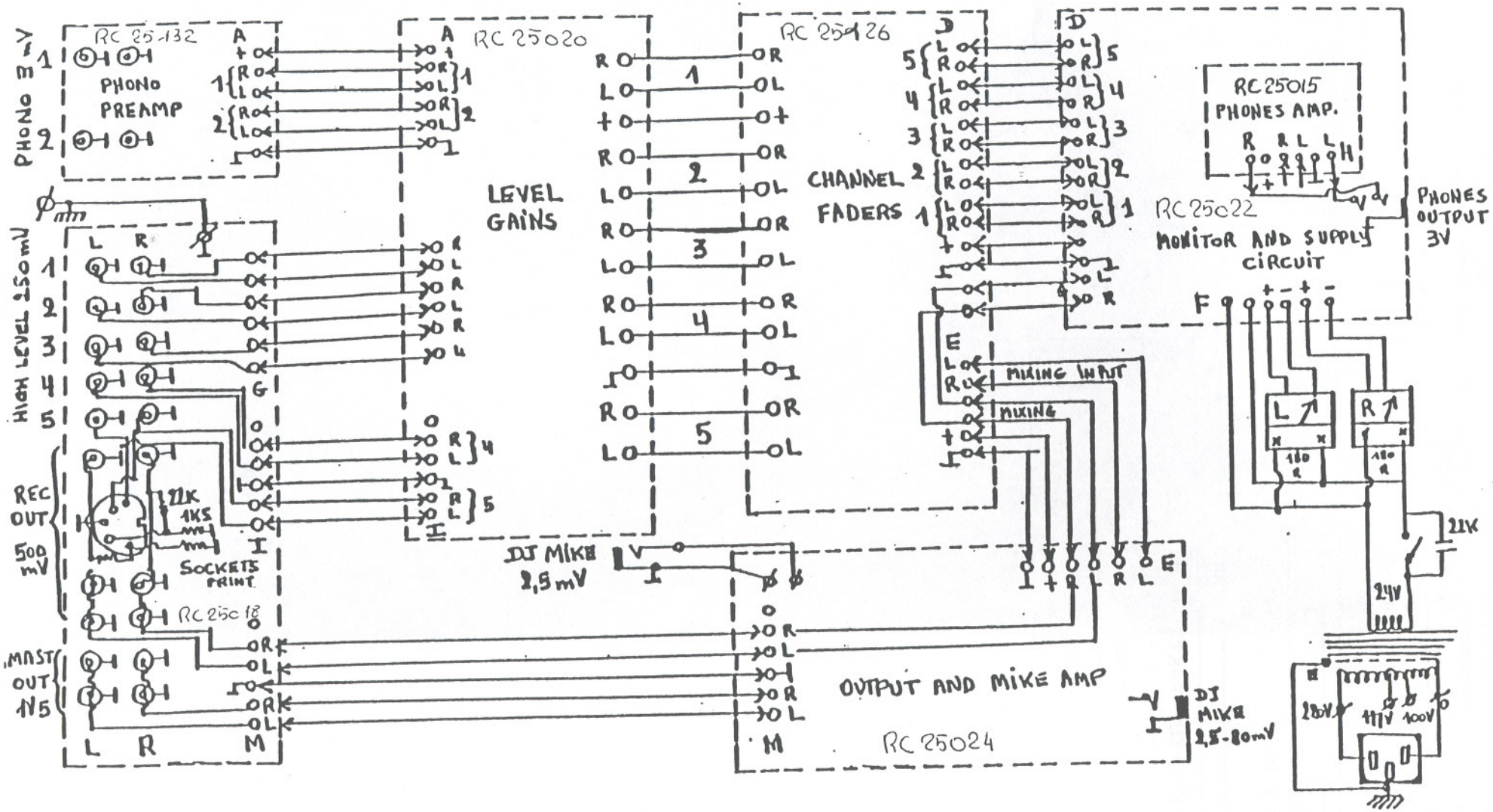
RC 25 020	INPUT & LEVEL BOARD			
Q1-Q10	BC 549	10	RC 17 001	

RC 25 022	SUPPLY & METER BOARD			
IC 1	MC 1458	1	RC 18 005	
IC 2	7824	1	RC 18 013	
TR 1	BC 549 C	1	RC 17 001	
TR 3	BC 338	1	RC 17 003	
D1-D8	AA 117	8	RC 17 108	
D9	B40 C800	1	RC 17 120	

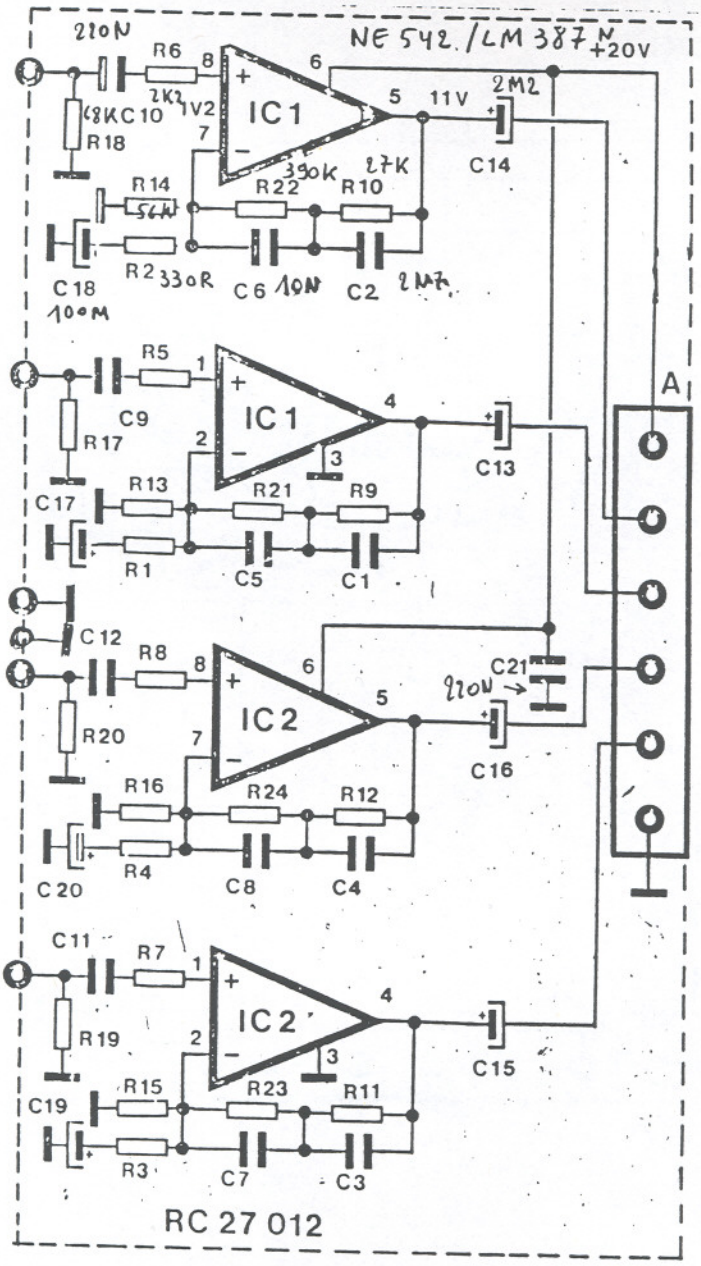
RC 25 024	OUTPUT AND MIKE AMP. BOARD			
IC1-IC2-IC3	LM 387 / NE 542	3	RC 18 006	
IC4	TL 074	1	RC 18 008	
Q1-Q2	BC549 C	2	RC 17 001	
D1-D2	1N 4448	2	RC 17 105	
D3-D6	BZX75 C2V1	2	RC 17 110	

Ref. No.	Description	Qty.	RC Number	Remarks
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	
RC 25 132	PHONO INPUT BOARD			
IC 1 IC 2	LM 387 / NE 542 TL 072	2	RC 18 006 RC 18 008	
DIFFERENT PARTS				
	TRAFO	1	RC 21 003	
	MAINS SOCKET	1	RC 12 015	
	MAINS CORD	1	RC 12 002	

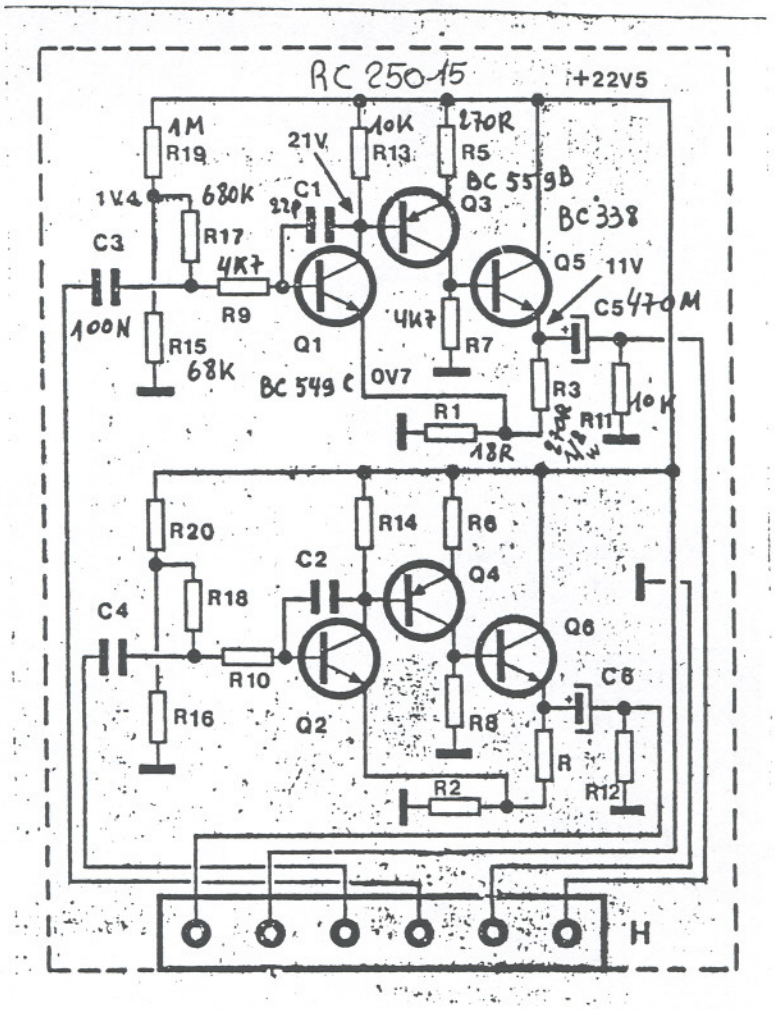
RODEC SM200


RC 25132
PHONO PREAMP
PHONO mV
1
2
HIGH LEVEL 250mV
L R
REC OUT 500 mV
MAST OUT 1V5
22K
1K5
SOCKETS PRINT
RC 25018
L R M
RC 25020
LEVEL GAINS
1
2
3
4
5
RC 25026
CHANNEL FADERS
MIXING INPUT
MIXING
DJ MIKE 2,5 mV
OUTPUT AND MIKE AMP
RC 25024
DJ MIKE 2,5-80mV
RC 25015
PHONES AMP.
R R L L
RC 25022
MONITOR AND SUPPLY CIRCUIT
PHONES OUTPUT 3V
180 Ω
22K
24V
28V
111V
100V

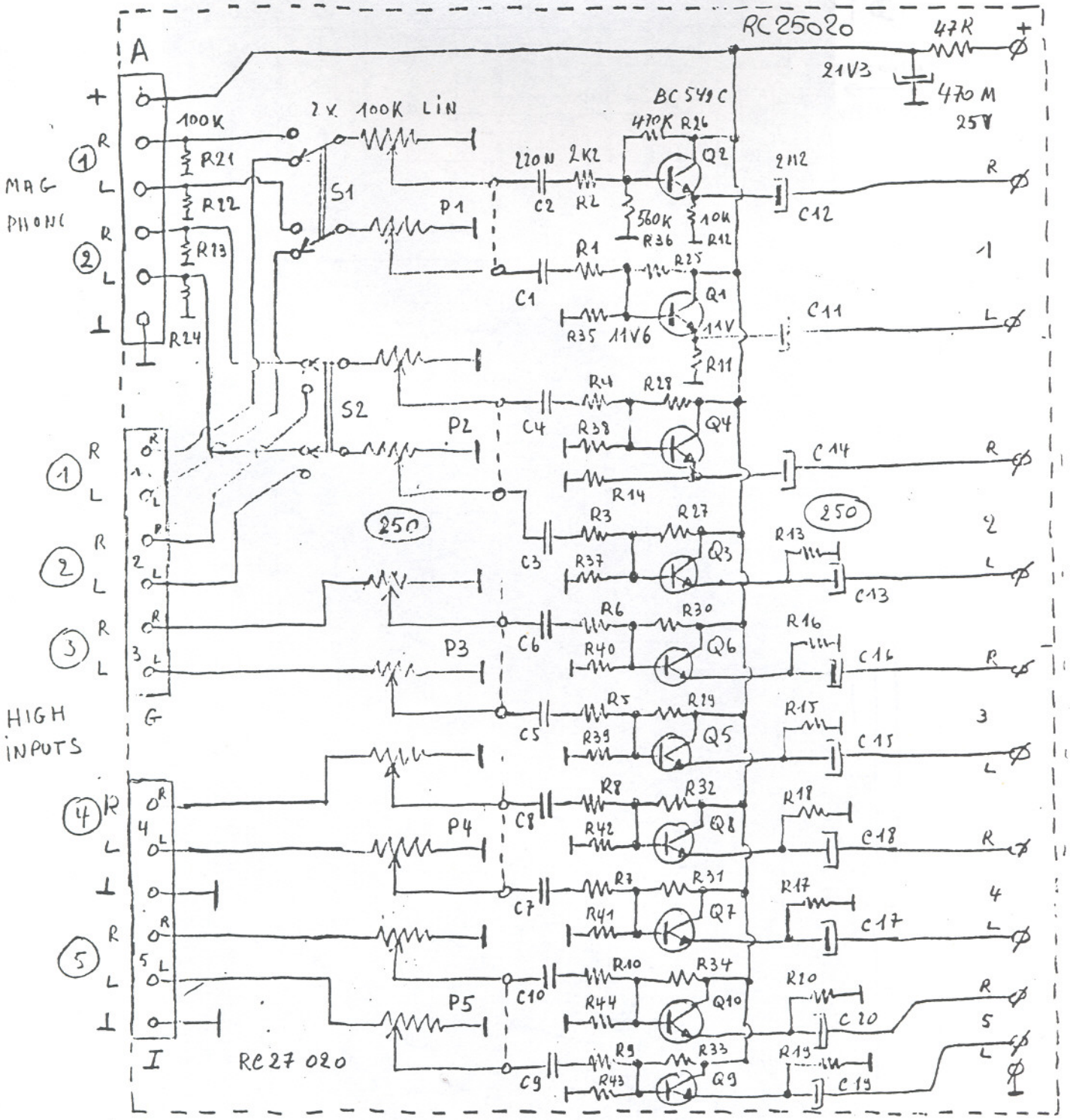
PHONO INPUT CIRCUIT RC27 012



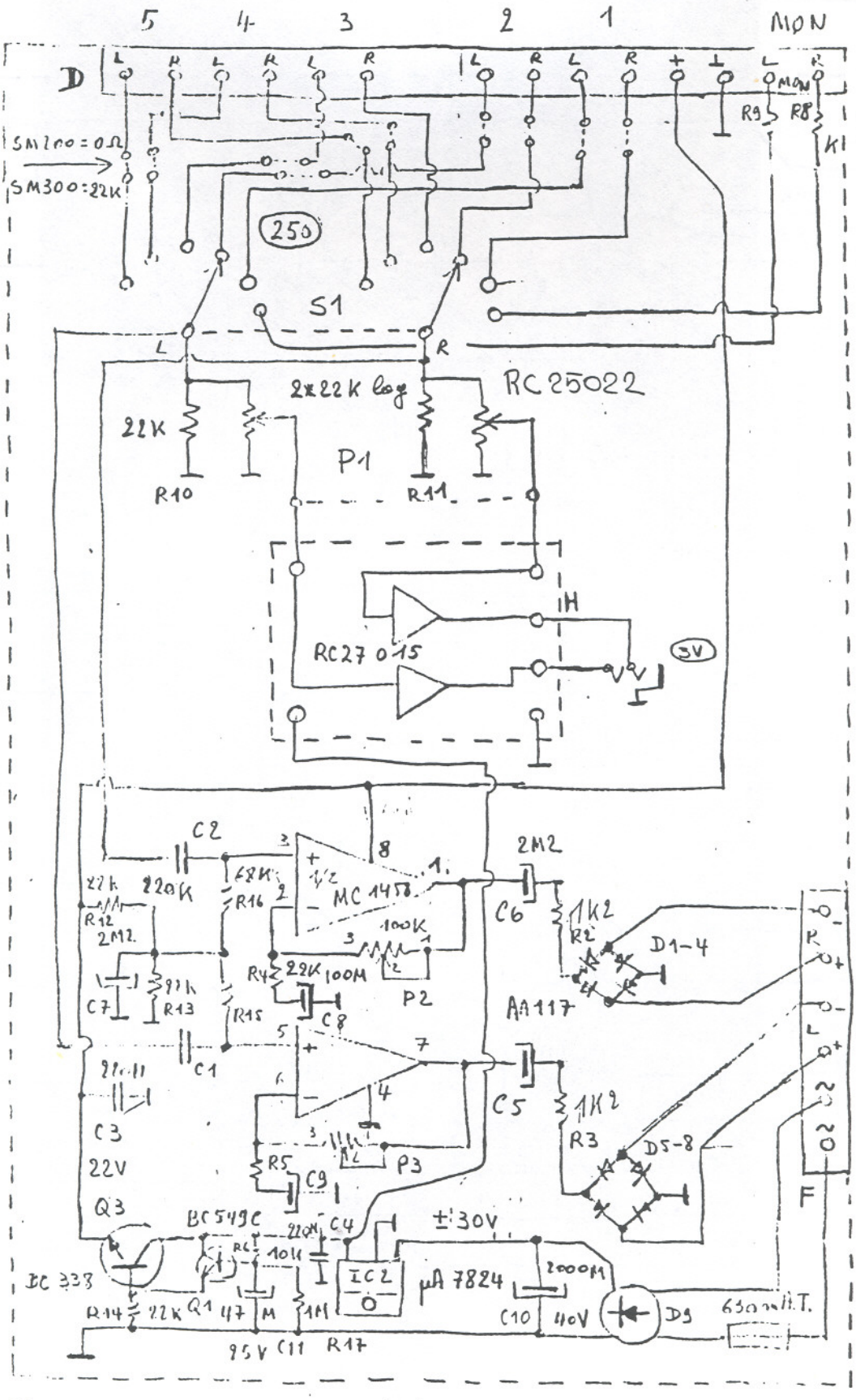
PHONES OUTPUT CIRCUIT



Level gains circuit



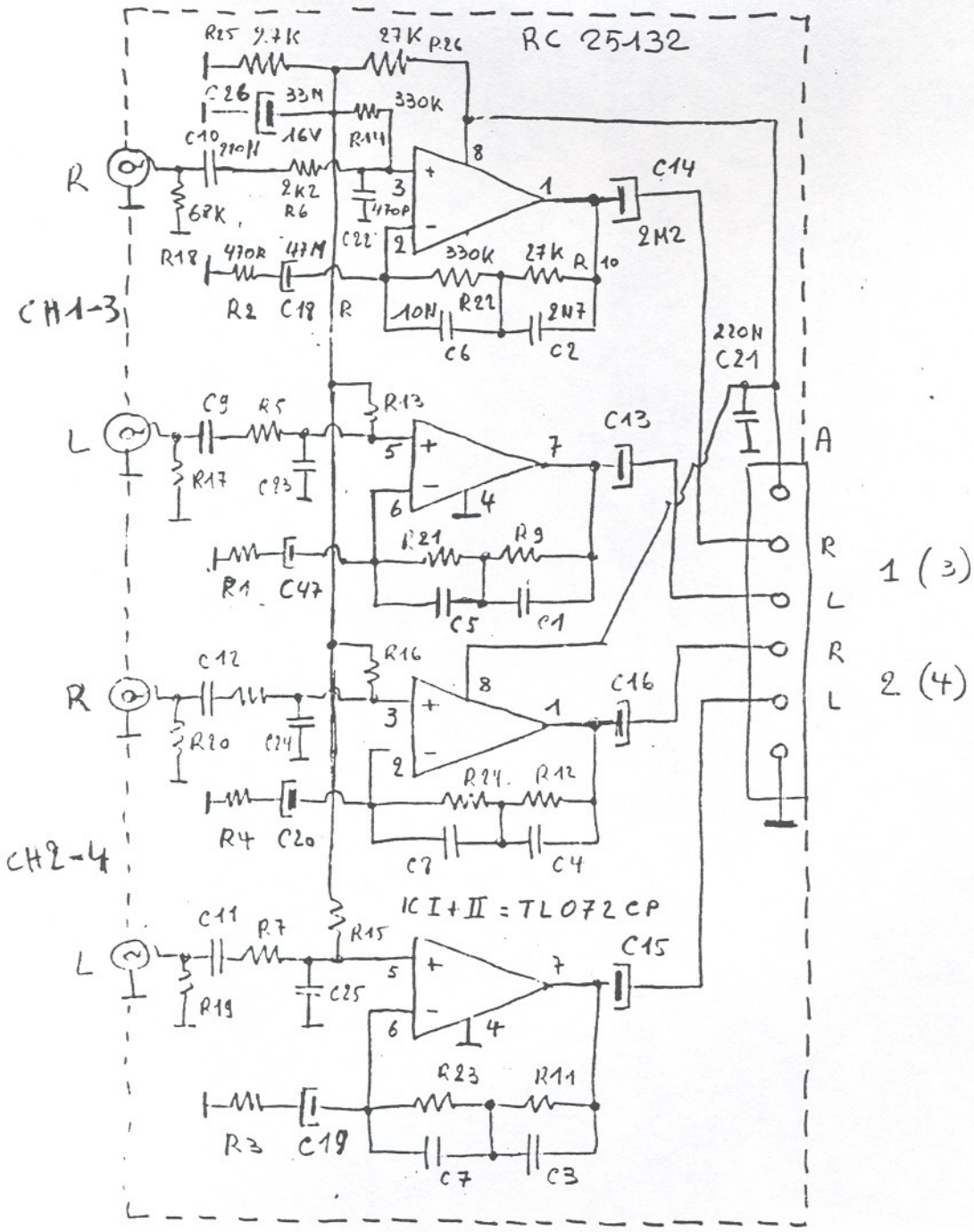
Meter & Supply circuit



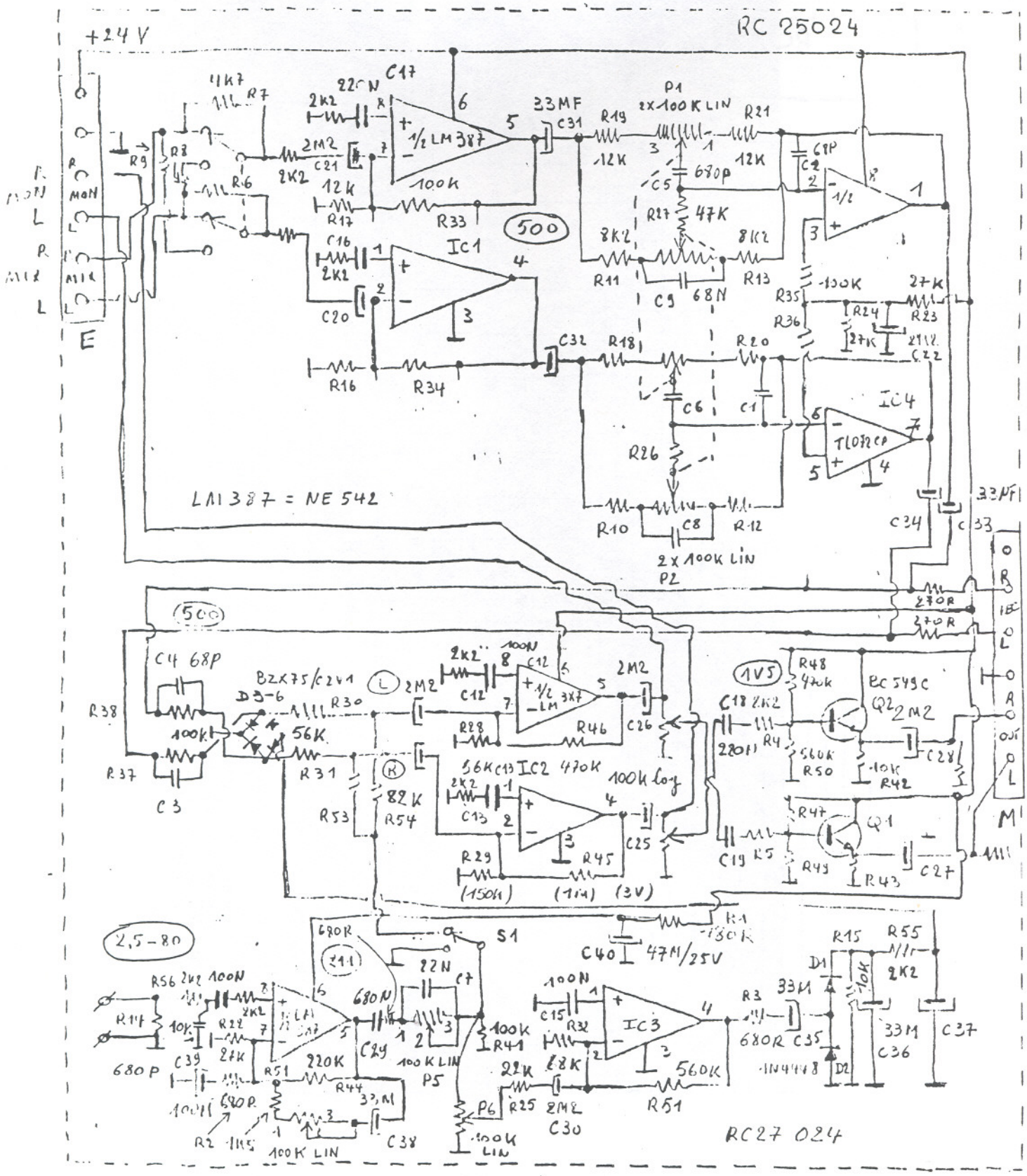
SUPPLY OF PHONES AMPLIFIER AFTER IC2 FROM N° 187.422 ON

JM 200

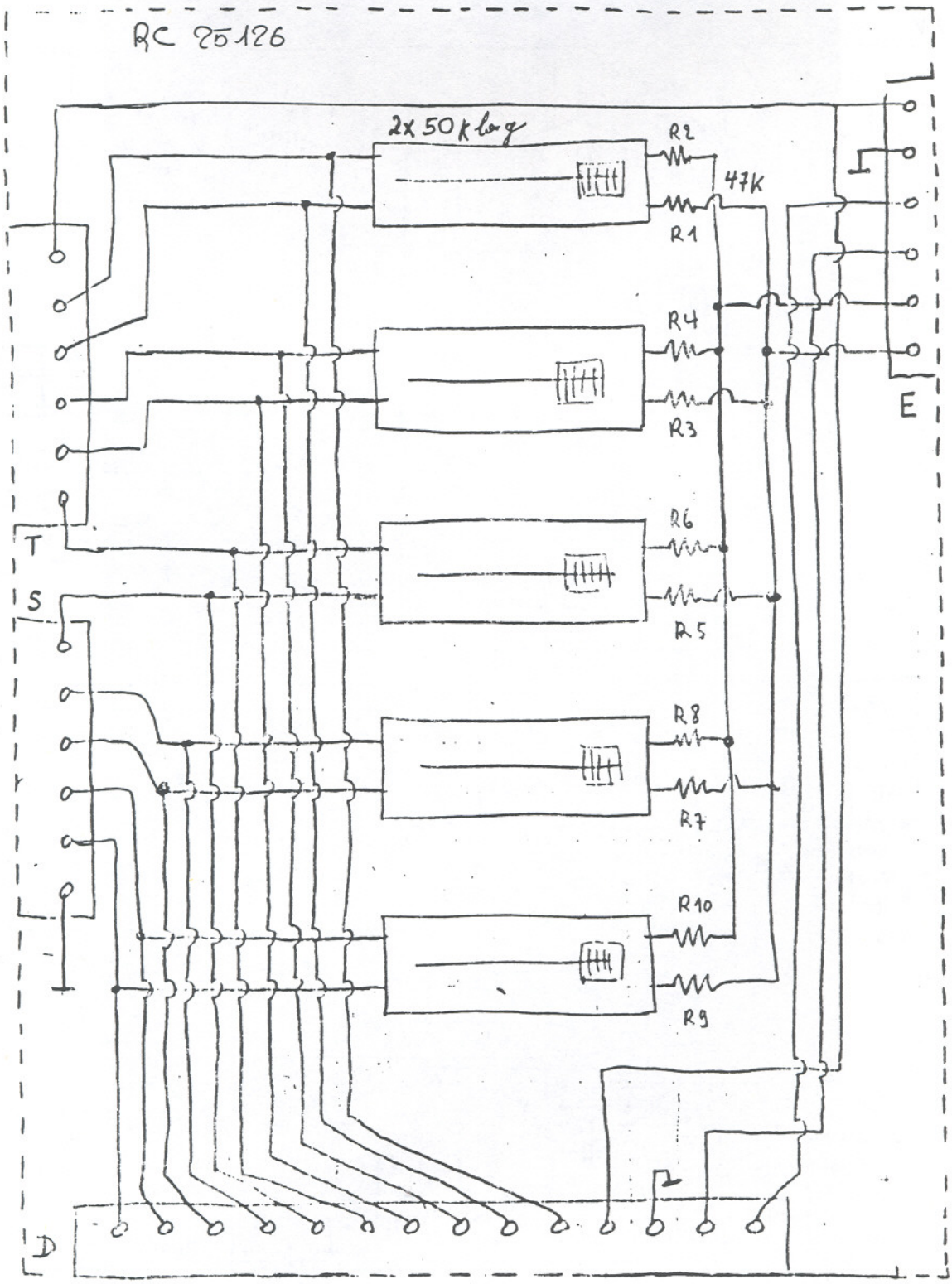
PHONO INPUT CIRCUIT



Output and Mike amplifier



CHANNEL FADERS CIRCUIT



PHONO INPUT CIRCUIT

