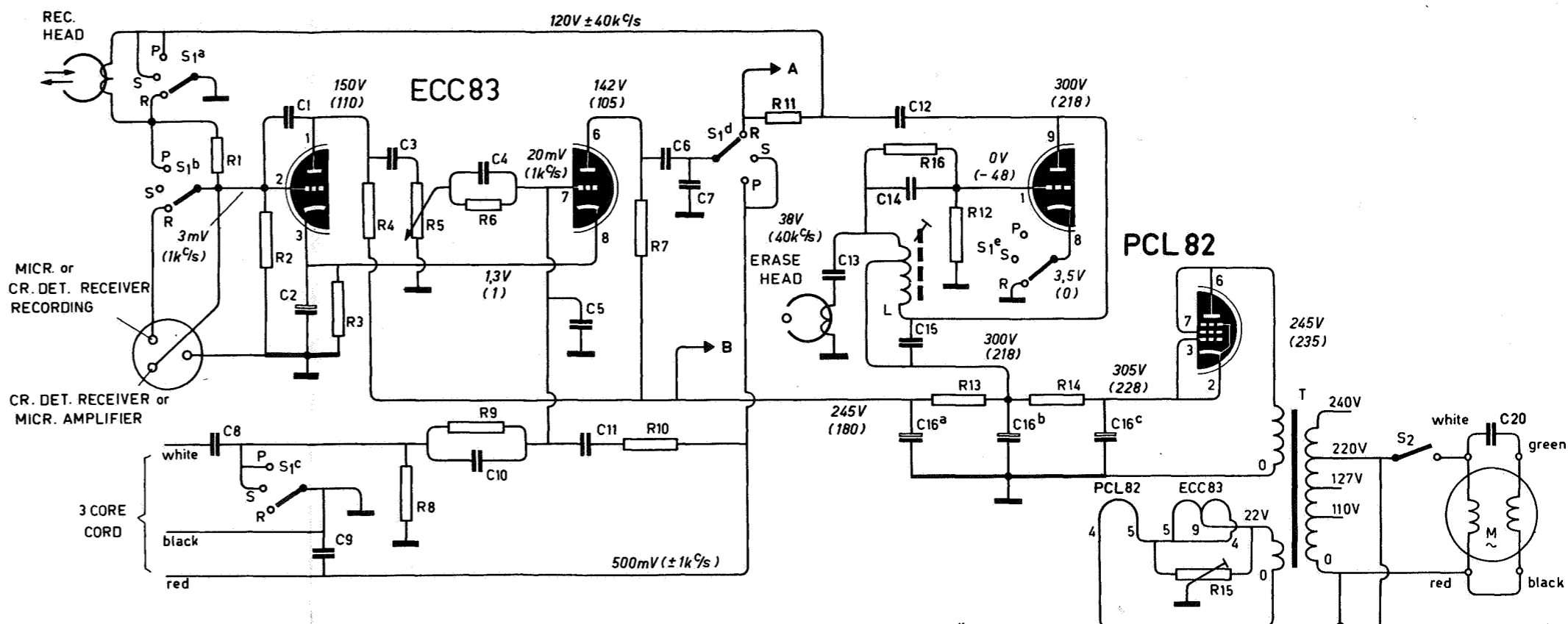


HS MASTER

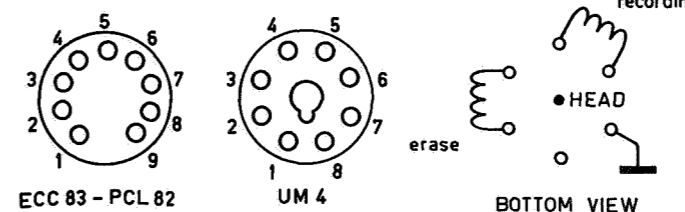
Pos.	Omschrijving	Codenummer
1	frameplaat	17.055.397
2	dekplaat	17.055.398
3	stoeltje	17.055.404
4	motor	E.55.007 I.55008
5	kopje	55.002.003
6	vliegwiël	17.005.327
7	hefboom	17.055.408
8	rubberrol	17.055.365
9	leidpen	17.055.393
10	leidpen	17.055.393
11	leidpen	17.055.411
12	leidpen (dik)	17.055.389
13	afdekdop	17.055.391
14	taatsbeugel	17.055.328
15	kogel	3/16"
16	clip v. kogel	17.055.383
17	drukveer	17.055.339
18	borgring	4.005.002
19	bumper	17.055.419
20	aanloop condensator	0.75 µF
21	beugel v. idem	17.055.401
22	tule v. snoer	16.001
23	tule in dek	16.011
24	motorsnaar	17.055.412
25	snaar (kort)	17.055.413
26	snaar (lang)	17.055.414
27	motorpulley	17.055.308
28	volgplaat	17.055.080
29	veerspanner	17.055.430
30	veer	17.055.333
31	olievilt	17.055.415
32	frictieschijf	17.055.307
33	haspeldrager	17.055.334
34	borgring	4.004.002
35	asje	17.055.395
36	schakelaar	48.015
37	tule (motor)	16.001
38	afstandsbusje	17.055.337
39	oliekeerring	17.055.311
40	venster v. indicat.	71.000.013
41	afstandsbusje	17.055.336
42	moer	3.304.001
43	boutje met moertje	3 mm 1.303.004
44	viltring	17.055.381
45	borgplaatje	
46	kogel 5/32"	
47	boutje M 4 x 8	1.304.002
48	kolom	17.055.341
49	lager	17.055.325
50	klinknagels	9.308.021
51	lager v. frictieas	17.055.301
52	asje	17.055.410
53	onderlegging	4.402.001
54	boutje	1.030.003
55	fibre ring	4.999.017
56	kogel 1/8"	

57	bronzen ring	4.999.016
58	onderlegplaatje	4.410.004
59	P.K. boutje M 4 x "	2.011.002
60	viltstrookje	17.055.418
61	viltring	17.055.407
62	veerring	4.333.003
63	P.K. boutjes	2.001.N.024
64	rozetten	17.055.422
65	ring	4.038.001

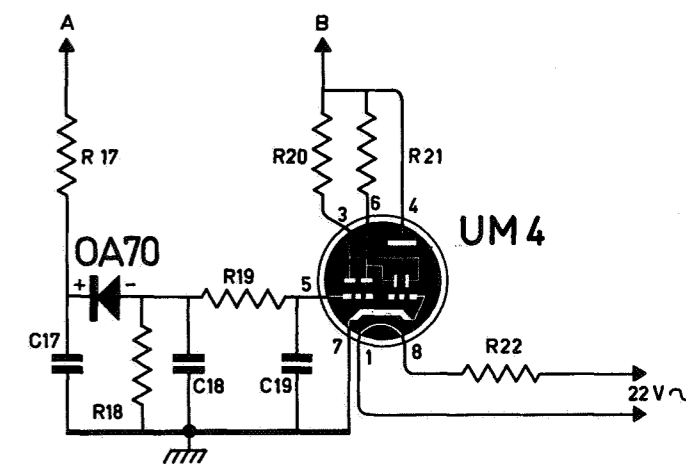


Voltagés and current in play position (.....)=record" position

P = PLAY
S = STOP
R = RECORD



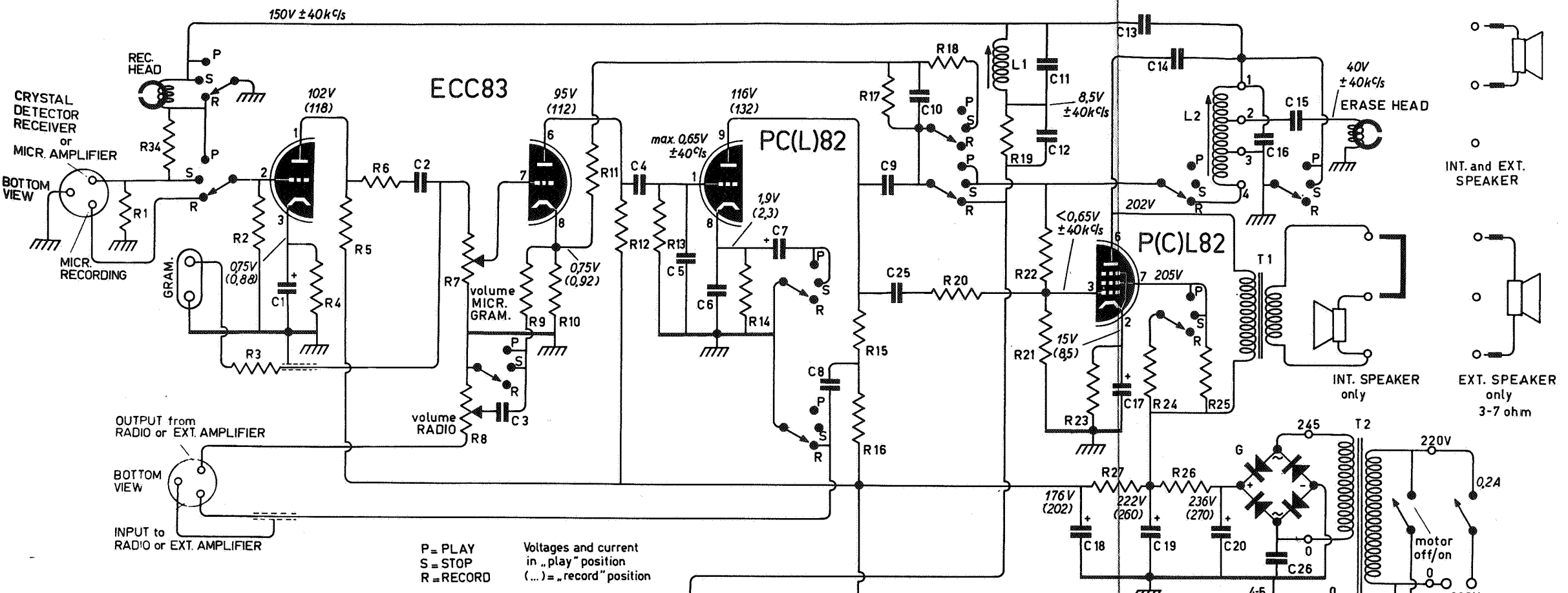
C1	10 pF	ceramic	R1	10 MΩ	
C2	200 µF	3 V elco	R2	470 kΩ	
C3	0,022 µF	paper	R3	1 kΩ	
C4	330 pF	ceramic	R4	220 kΩ	
C5	150 pF	ceramic	R5	470 kΩ	
C6	0,047 µF	paper	R6	220 kΩ	
C7	220 pF	ceramic	R7	100 kΩ	
C8	0,047 µF	paper	R8	68 kΩ	
C9	5000 pF	paper	R9	560 kΩ	
C10	150 pF	mica	R10	820 kΩ	
C11	220 pF	mica	R11	100 kΩ	
C12	470 pF	mica	R12	22 kΩ	
C13	1000 pF	paper	R13	39 kΩ	
C14	5000 pF	paper	R14	1 kΩ	
C15	2000 pF	paper	R15	500 Ω	
C16a	16 µF	300 V	R16	100 kΩ	
C16b	32 µF	300 V			
C16c	50 µF	300 V			
L	oscillator coil BO 9			T	mains transformer



Unless mentioned differently, all resistances are 1/2W.

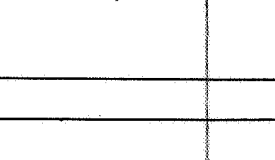
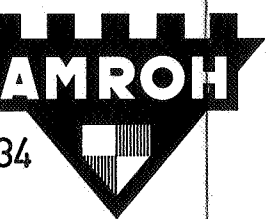


service documentatie BAND 1

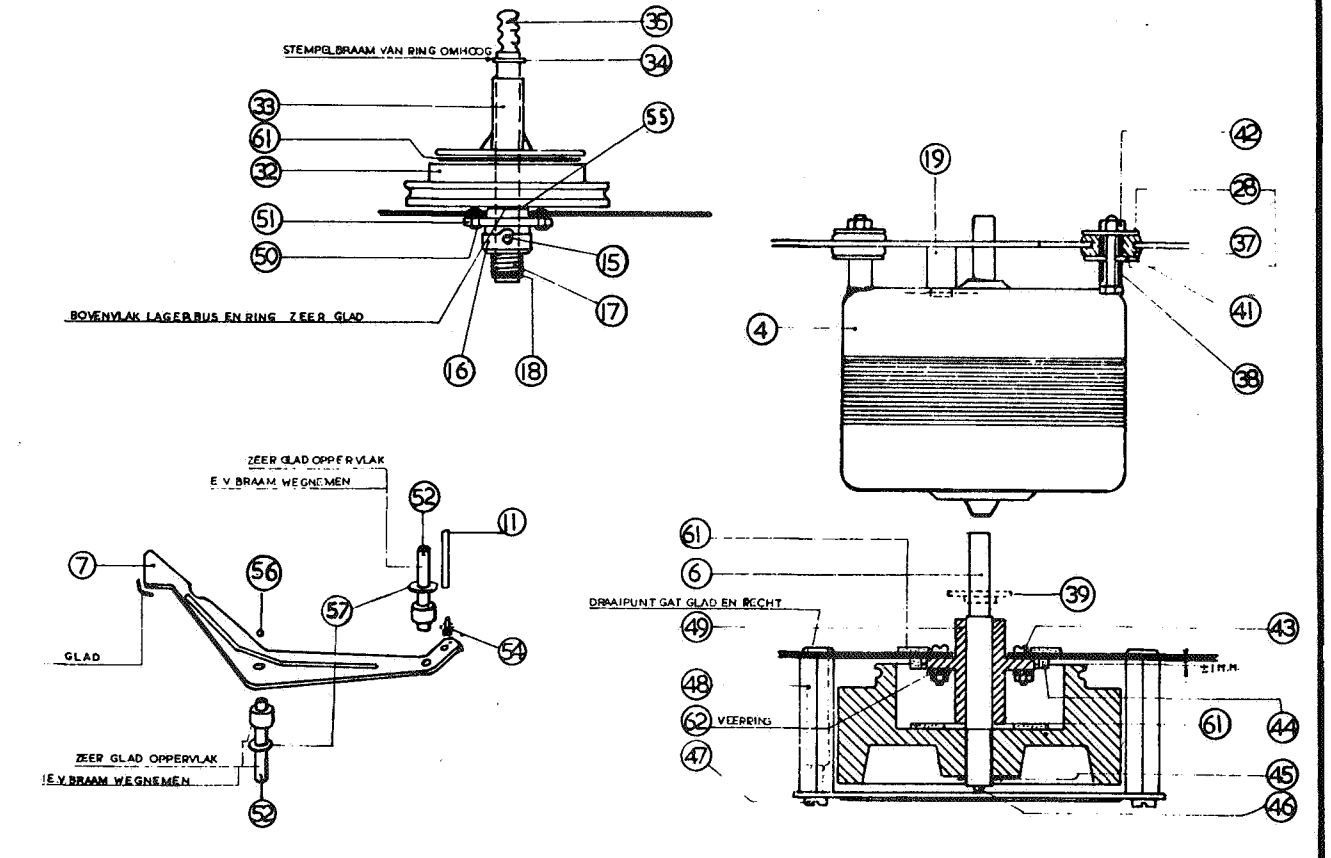
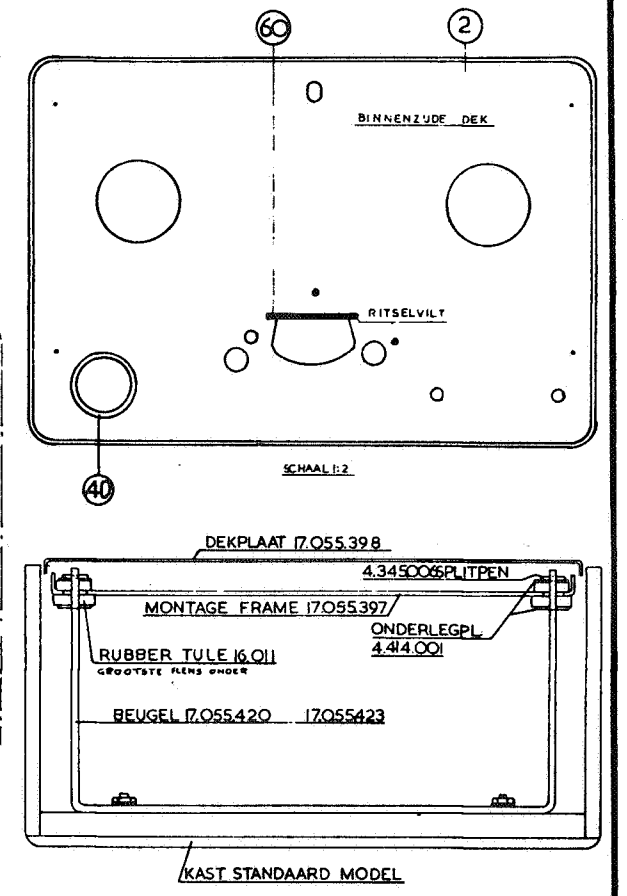
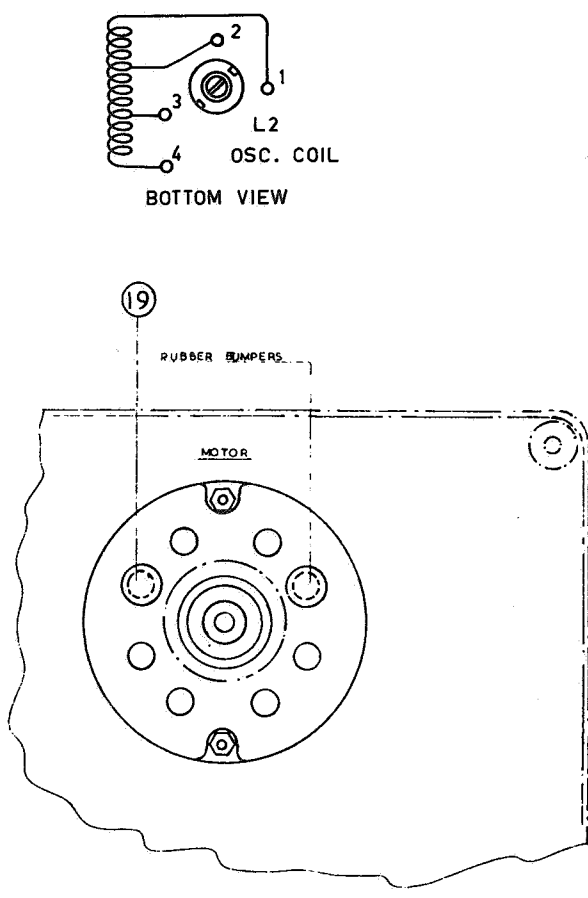


C1	100 μF	12 V	elco	G	selenium rectifier
C2	0,02 μF		paper	L1	choke
C3	0,1 μF		paper	L2	osc. coil
C4	0,02 μF		paper	R1	220 kΩ
C5	220 pF		ceramic	R2	1 MΩ
C6	0,02 μF		paper	R3	47 kΩ
C7	100 μF	12 V	elco	R4	2,2 kΩ
C8	0,02 μF		paper	R5	220 kΩ 1 W
C9	0,05 μF		paper	R6	220 kΩ
C10	1000 pF		paper	R7	220 kΩ pot. m. log.
C11	150 pF		ceramic	R8	100 kΩ pot. m. log.
C12	560 pF		mica	R9	33 kΩ
C13	100 pF		mica	R10	3,3 kΩ
C14	0,01 μF		paper	R11	390 kΩ 1 W
C15	0,002 μF		paper	R12	330 kΩ 1 W
C16	0,002 μF		mica	R13	470 kΩ
C17	50 μF	25 V	elco	R14	3,9 kΩ
C18	16 μF	300 V	one can	R15	100 kΩ 1 W
C19	32 μF	300 V		R16	15 kΩ
C20	50 μF	300 V	oil	R17	2,2 MΩ
C21	0,75 μF	250 V		R18	1 MΩ
C22	470 pF		ceramic	R19	100 kΩ
C23	0,01 μF		paper	R20	220 kΩ
C24	0,01 μF		paper	R21	1 MΩ
C25	0,005 μF		paper	R22	15 kΩ
C26	0,005 μF	3000 V	paper	R23	0,33 kΩ 1 W

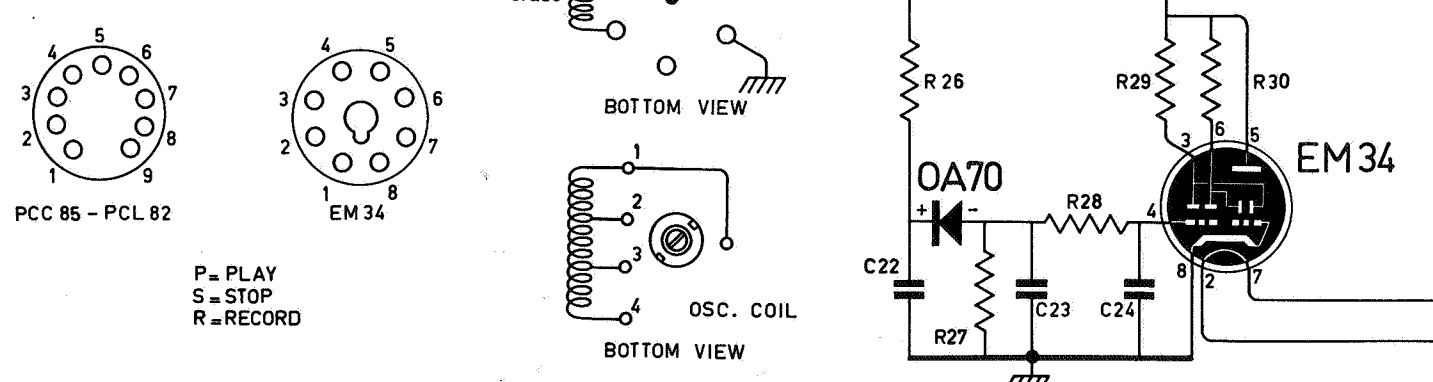
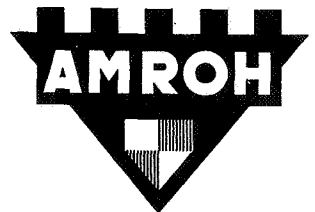
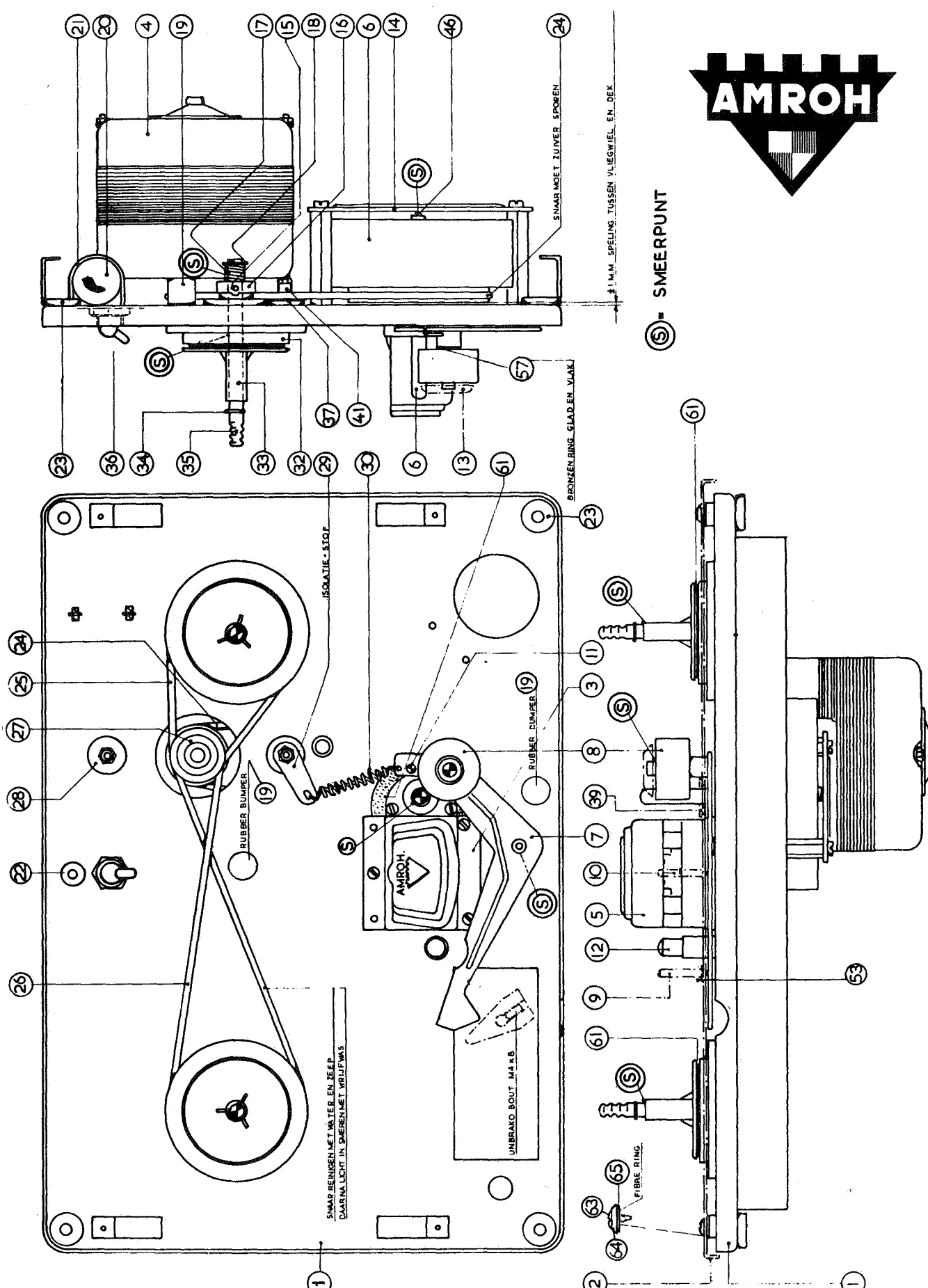
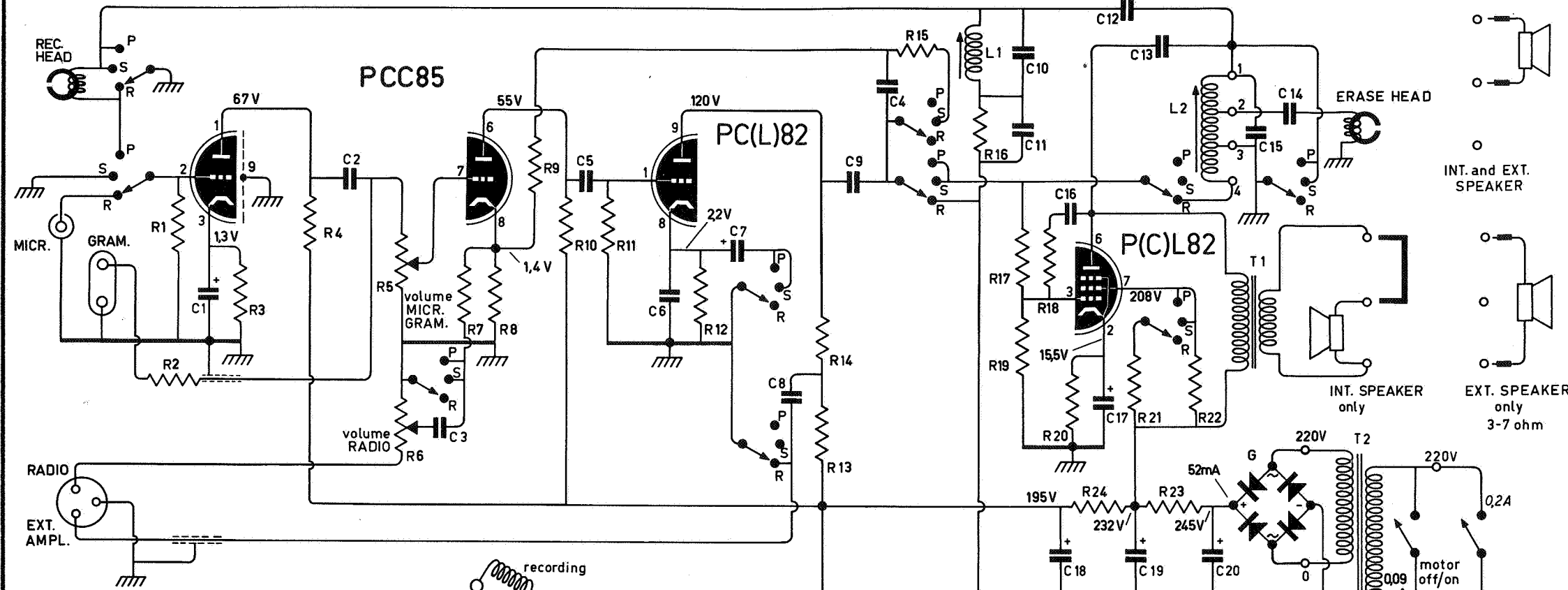
R24	2,7 kΩ	1 W
R25	33 kΩ	1 W
R26	0,33 kΩ	1 W
R27	39 kΩ	1 W
R28	500 Ω	
wire-wound with glider-tap		
R29	100 kΩ	
R30	10 MΩ	
R31	10 MΩ	
R32	1 MΩ	
R33	1 MΩ	
R34	2,2 MΩ	
T1	matching transformer	
T2	mains transformer	
T3	mains transf. export	



Unless mentioned differently, all resistances are 1/2 W.



service documentatie BAND 1



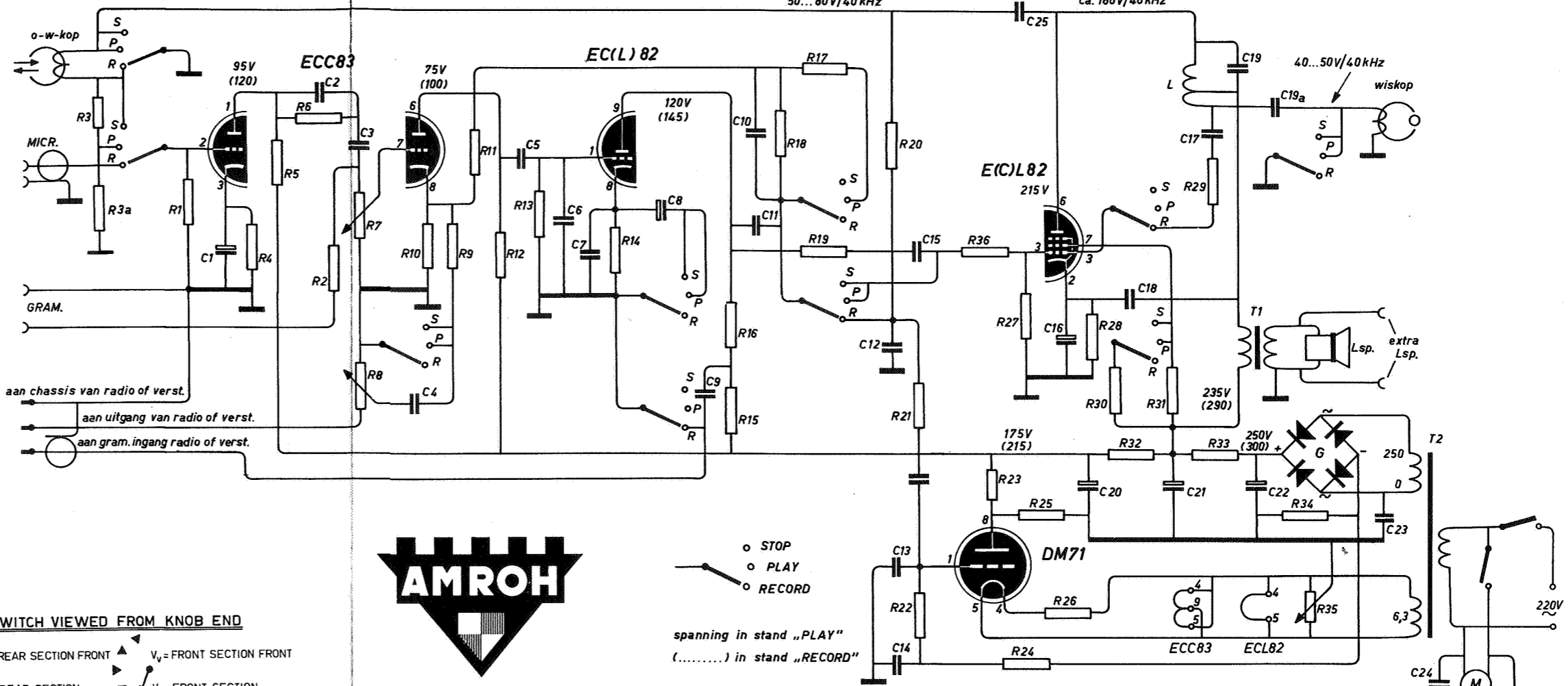
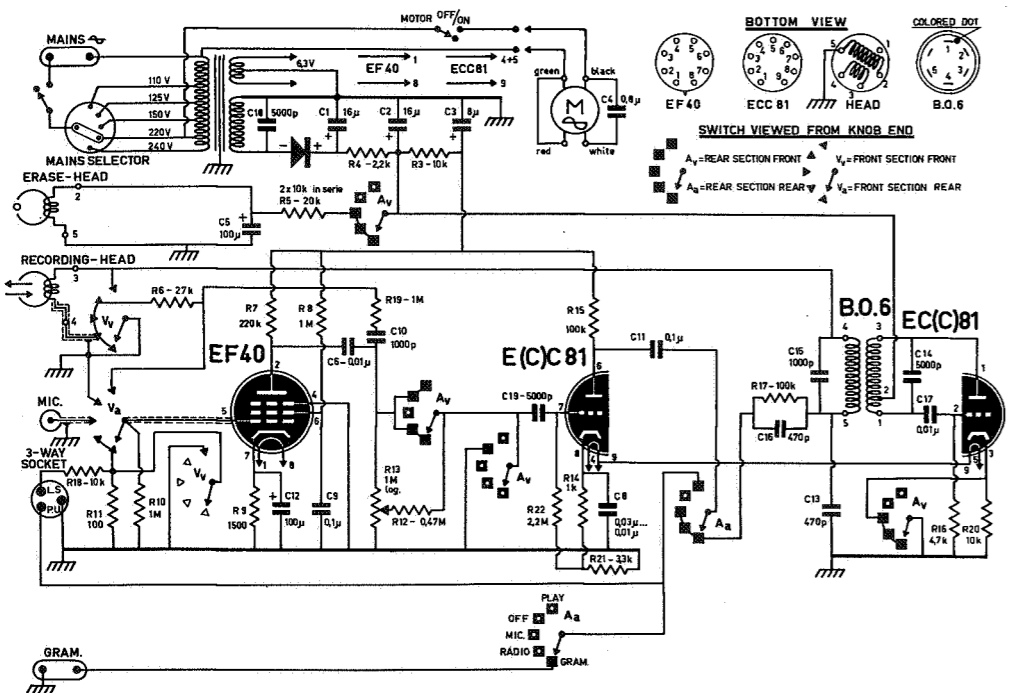
C1	100 μF	12 V	elco	C18	16 μF	300 V	one can	R7	15 kΩ			
C2	0,02 μF		paper	C19	32 μF	300 V			R8	3,3 kΩ		
C3	0,1 μF		paper	C20	50 μF	300 V			R9	330 kΩ		
C4	0,002 μF		paper	C21	0,75 μF	250 V	oil	R10	330 kΩ	1 W		
C5	0,005 μF		paper	C22	470 pF		ceramic	R11	2,2 MΩ			
C6	0,02 μF		paper	C23	0,01 μF		paper	R12	3,9 kΩ			
C7	100 μF	12 V	elco	C24	0,01 μF		paper	R13	15 kΩ			
C8	0,02 μF		paper	G			selenium rect.	R14	100 kΩ	1 W		
C9	0,05 μF		paper	L1			choke	R15	470 kΩ			
C10	150 pF		ceramic	L2			osc. coil	R16	100 kΩ			
C11	470 pF		ceramic	R1			1 MΩ	R17	15 kΩ			
C12	220 pF		mica	R2			47 kΩ	R18	1 MΩ			
C13	0,01 μF		paper	R3			2,2 kΩ	R19	1 MΩ			
C14	0,002 μF		paper	R4			220 kΩ	R20	0,33 kΩ	1 W		
C15	0,002 μF		mica	R5			220 kΩ	R21	2,7 kΩ	1 W		
C16	0,001 μF		paper	R6			220 kΩ	R22	33 kΩ	1 W		
C17	50 μF	25 V	elco				100 kΩ	R23	0,33 kΩ	1 W		

R24	18 kΩ	1 W		T1	matching transformer
R25	500 Ω			T2	mains transformer
R26	100 kΩ				
R27	10 MΩ				
R28	10 MΩ				
R29	1 MΩ				
R30	1 MΩ				

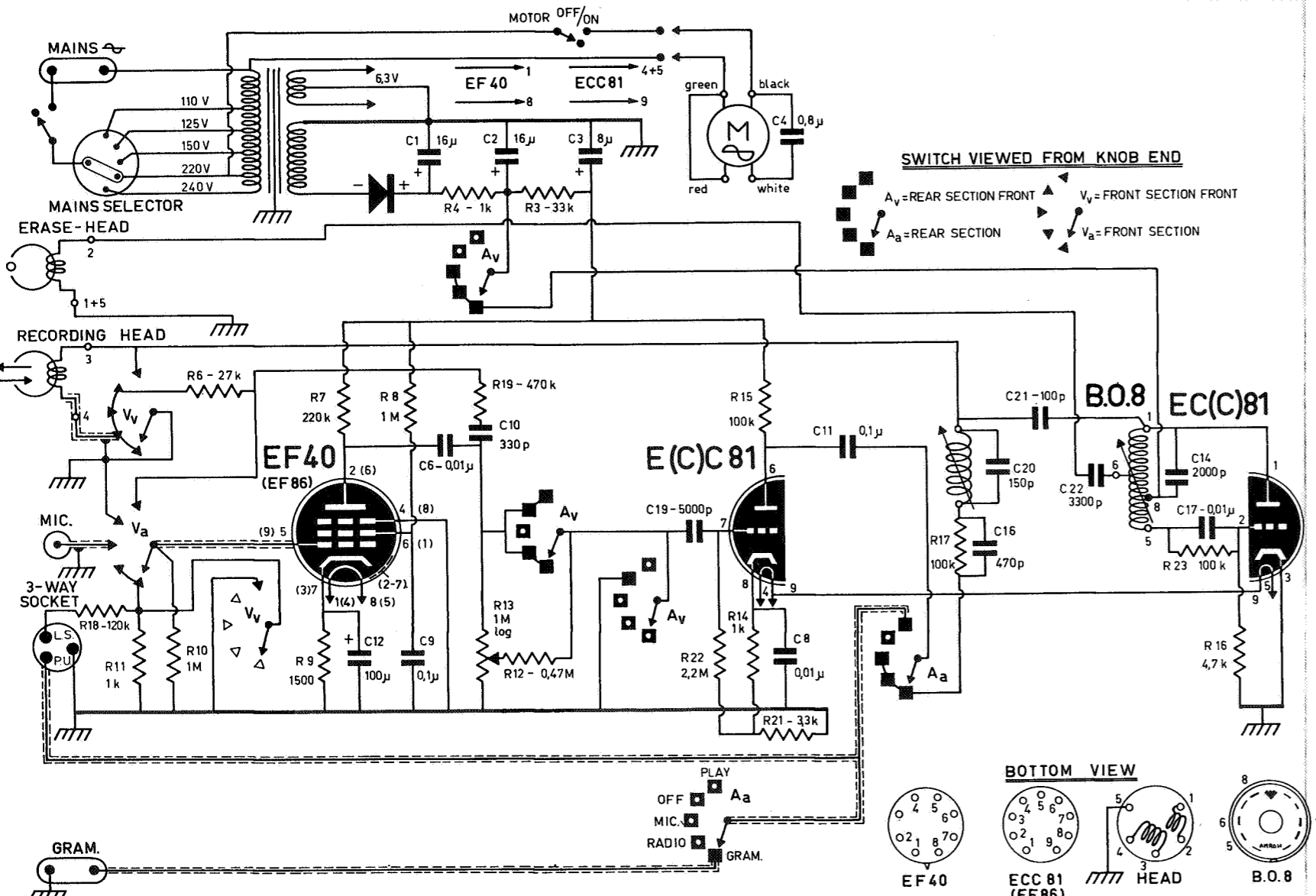
Unless mentioned differently, all resistances are 1/2W.



service documentatie
BAND 1

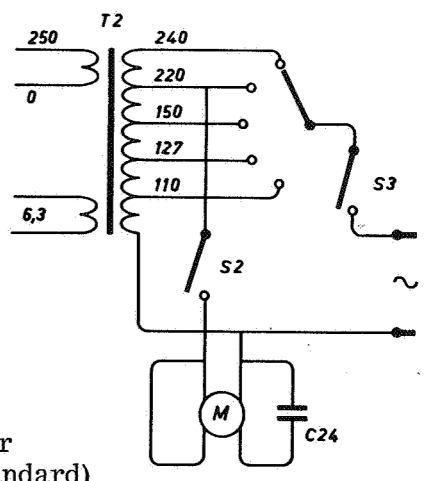


o STOP
o PLAY
o RECORD
spanning in stand „PLAY“
(.....) in stand „RECORD“

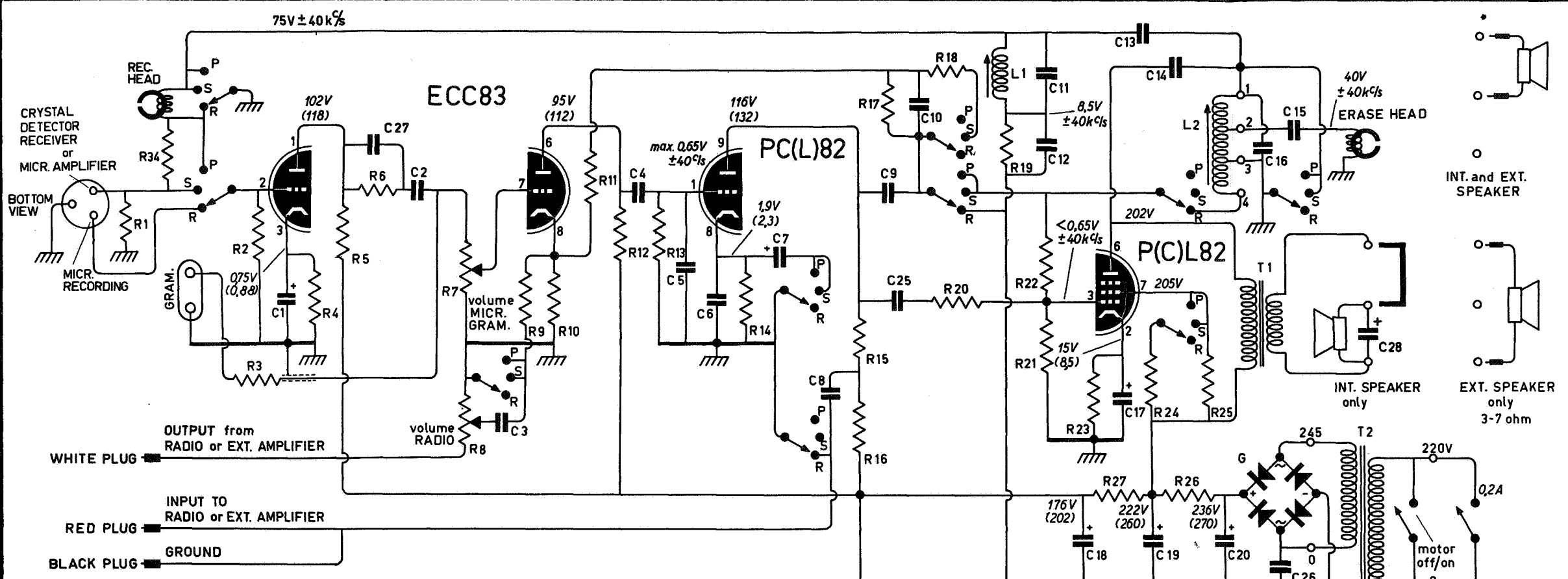


Schemasleutel SERENADE recorder

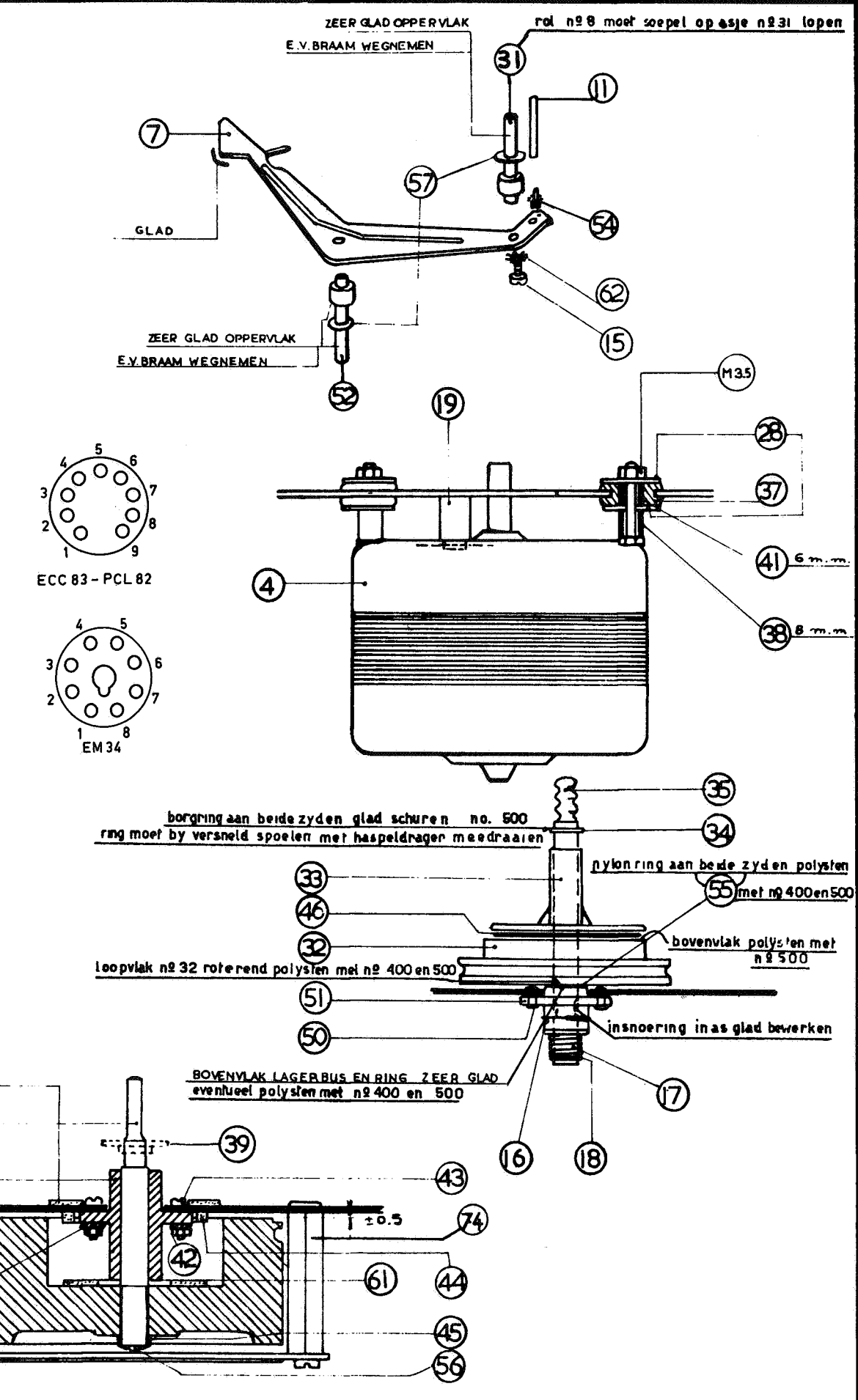
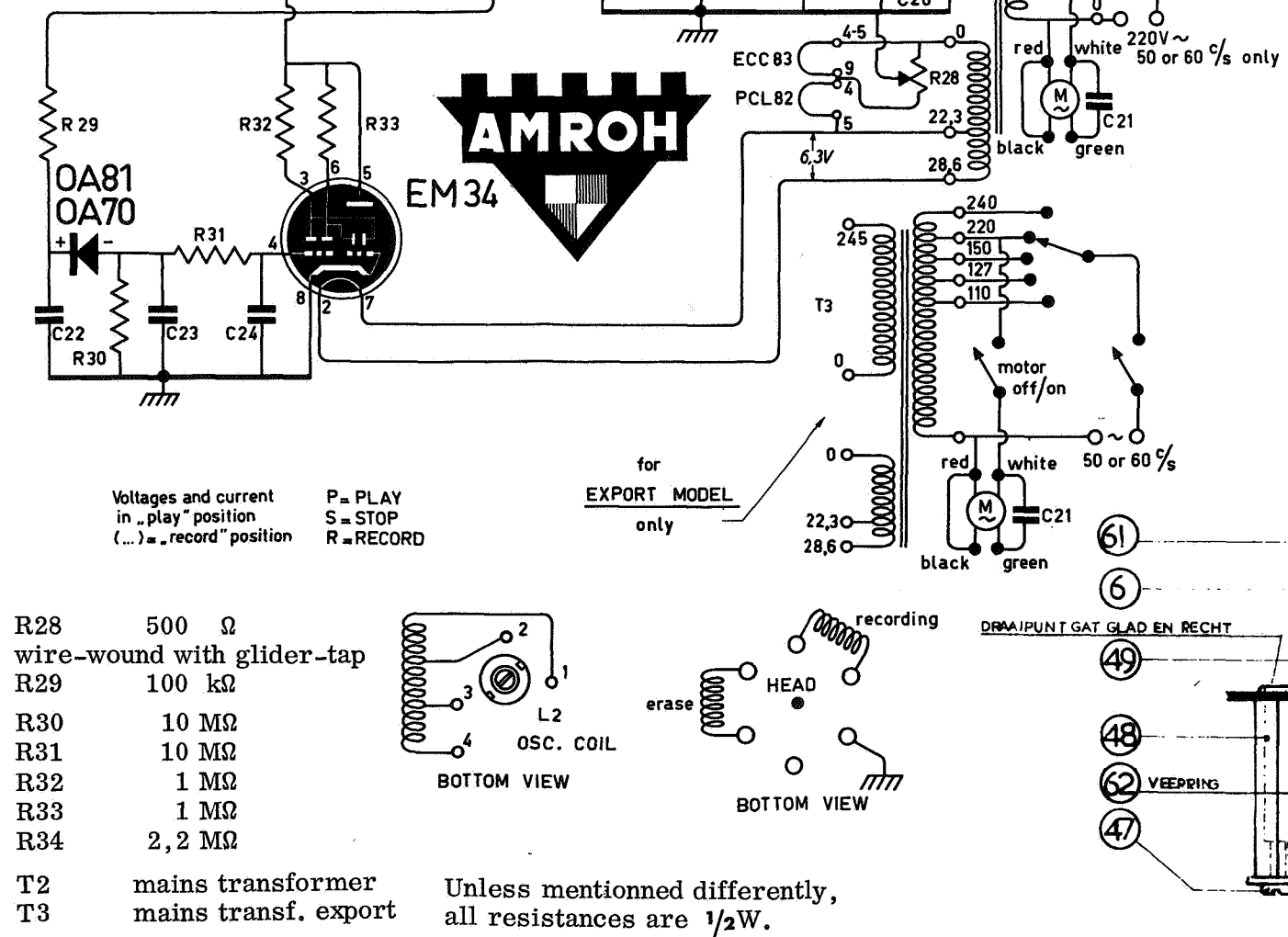
C1	100 μF	elco	12 V =	R1	1 MΩ	R26	220 Ω
C2	100 pF	pol.	500 V =	R2	47 kΩ	R27	1 MΩ
C3	0,022 μF	paper	250 V =	R3	2,2 MΩ	R28	330 Ω
C4	0,1 μF	paper	400 V =	R3a	220 kΩ	R29	120 kΩ
C5	0,022 μF	paper	250 V =	R4	3300 Ω	R30	2700 Ω
C6	250 pF	pol.	500 V =	R5	220 kΩ	R31	33 kΩ 1 W
C7	0,022 μF	paper	250 V =	R6	560 kΩ	R32	39 kΩ 1 W
C8	100 μF	elco	12 V =	R7	0,22 MΩ pot. m.	R33	330 Ω 1 W
C9	0,22 μF	paper	250 V =	R8	0,1 MΩ pot. m.	R34	270 Ω 1 W
C10	470 pF	pol.	500 V =	R9	33 kΩ	R35	1 kΩ pot. m.
C11	0,047 μF	paper	250 V =	R10	470 kΩ	R36	560 Ω
C12	250 pF	pol.	500 V =	R11	470 kΩ	S1	switch
C12a	4700 pF	paper	250 V =	R12	330 kΩ 1 W	S2	switch-motor
C13	250 pF	pol.	500 V =	R13	470 kΩ	S3	switch-(R8)
C14	0,022 μF	paper	250 V =	R14	3900 Ω	T1	output transformer
C15	470 pF	pol.	500 V =	R15	15 kΩ	T2	power transf. (standard) power transf. (universal)
C16	50 μF	elco	12 V =	R16	100 kΩ	V1	ECC 83
C17	470 pF	pol.	500 V =	R17	1 MΩ	V2	ECL 82
C18	10000 pF	pol.	500 V =	R18	2,2 MΩ	V3	DM 71
C19	2200 pF	pol.	500 V =	R19	220 kΩ	G	rectifier BP 250 - 80 mA
C20	16 μF	elco	250 V =	R20	100 kΩ	L1	osc. coil
C21	32 μF	elco	300 V =	R21	220 kΩ	M1	motor - 7.36 W, 1/100 HP 1400 R/M - 55.002.011
C22	50 μF	elco	300 V =	R22	1 MΩ		
C23	4700 pF	paper	630 V =	R23	220 kΩ 1 W		
C24	0,75 μF	oil	300 V =	R24	1 MΩ		
C25	25 pF	paper	400 V =	R25	100 kΩ		



Unless mentioned differently, all resistances are 1/2W.



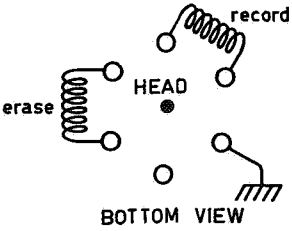
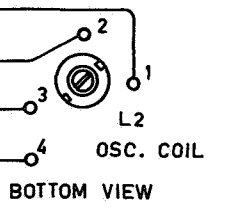
C1	100 μF	12 V	elco	L1	choke
C2	0,022 μF		paper	L2	osc. coil
C3	0,1 μF		paper	R1	220 kΩ
C4	0,022 μF		paper	R2	1 MΩ
C5	220 pF		ceramic	R3	47 kΩ
C6	0,022 μF		paper	R4	2,2 kΩ
C7	100 μF	12 V	elco	R5	220 kΩ
C8	0,022 μF		paper	R6	560 kΩ
C9	0,05 μF		paper	R7	220 kΩ
C10	470 pF		paper	R8	100 kΩ
C11	150 pF		ceramic	R9	33 kΩ
C12	560 pF		mica	R10	3,3 kΩ
C13	25 pF		mica	R11	470 kΩ
C14	0,01 μF		paper	R12	330 kΩ
C15	0,002 μF		paper	R12	330 kΩ
C16	0,002 μF		mica	R13	470 kΩ
C17	50 μF	25 V	elco	R14	3,9 kΩ
C18	16 μF	300 V	one can	R15	100 kΩ
C19	32 μF	300 V		R16	15 kΩ
C20	50 μF	300 V	oil	R17	2,2 MΩ
C21	0,75 μF	250 V		R18	1 MΩ
C22	470 pF		ceramic	R19	100 kΩ
C23	0,01 μF		paper	R20	220 kΩ
C24	0,01 μF		paper	R21	1 MΩ
C25	0,005 μF		paper	R22	15 kΩ
C26	0,005 μF	3000 V	paper	R23	0,33 kΩ
(only with mainstransformer)				R24	2,7 kΩ
C27	100 pF		ceramic	R25	33 kΩ
C28	50 μF	25 V	elco	R26	0,33 kΩ
G	selenium rectifier			R27	39 kΩ



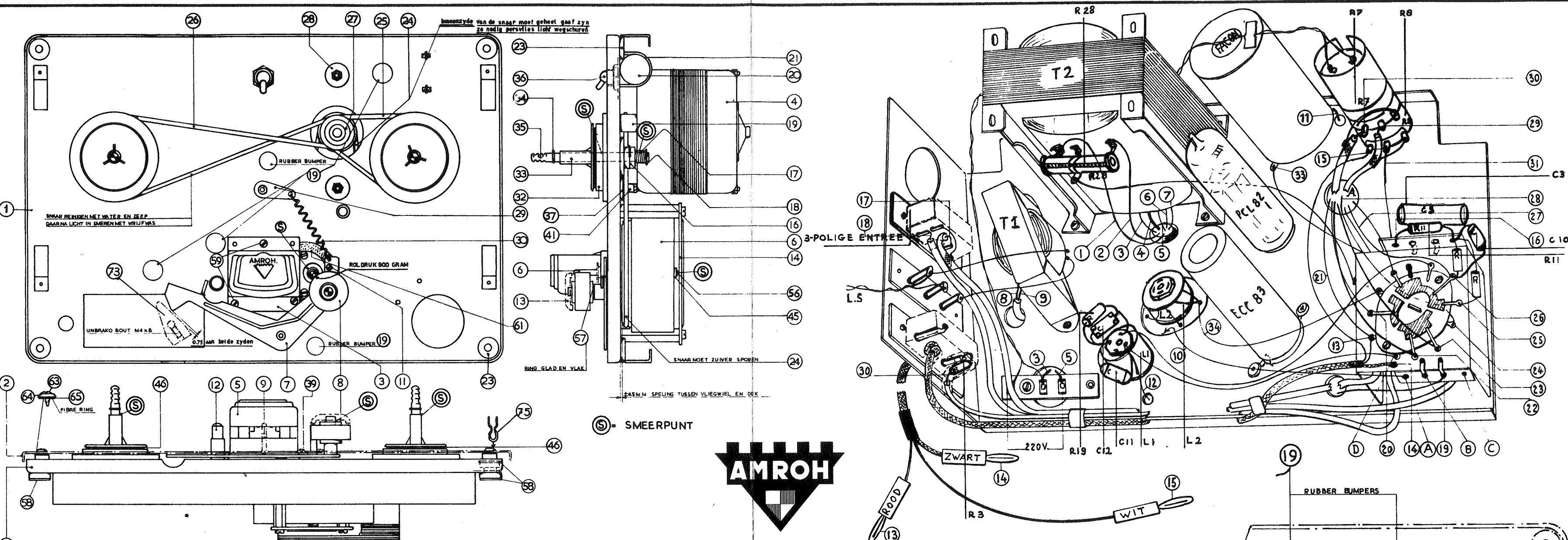
service documentatie BAND 1

Voltages and current in "play" position (...)= "record" position

P = PLAY
S = STOP
R = RECORD



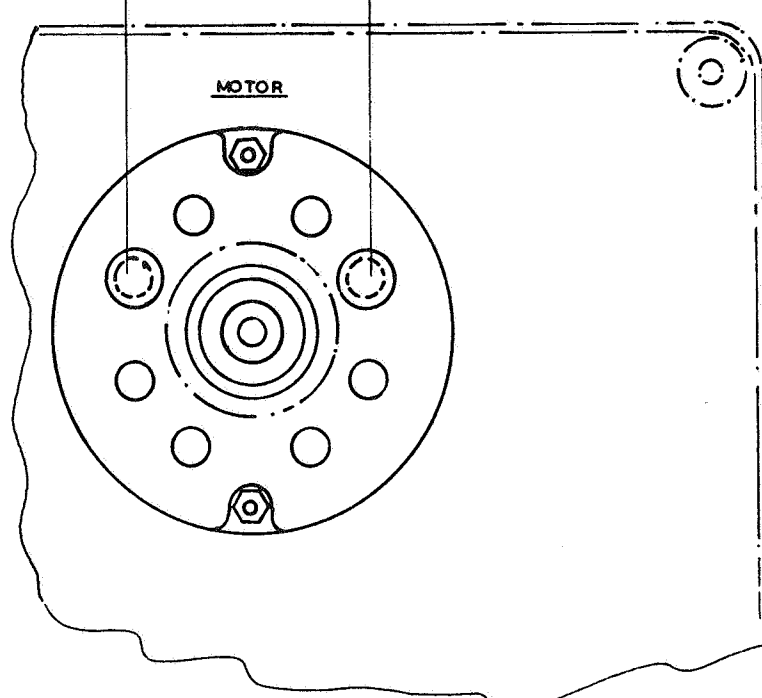
Unless mentioned differently, all resistances are 1/2W.



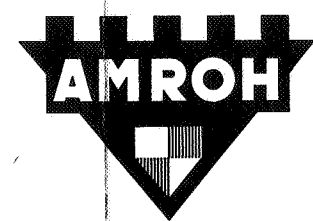
1	montageplaat	17.055.446	18	borgring voor friectieas	4.005.002
2	dekplaat	17.055.516	19	bumper	17.055.419
3	stoeltje	17.055.404	20	aanloop condensator 0,75 µF	
4	motor	55.003.009	21	beugel v. idem	17.055.401
5	kopje	55.002.005	22	indicatorring voor venster	17.055.565
6	vliegwiel	17.055.539	23	tule in dek	16.012
7	vrijzetmechanisme	17.055.499	24	capstansnaar 4 x 95 mm	17.055.474
8	rubberrol	17.055.553	25	opwikkelsnaar 60 x 3 mm	17.055.524
9	leidpen	17.055.393	26	afwikkelsnaar 112 x.3 mm	17.055.414
10	holle leidpen	17.055.480	27	motorpulley	17.055.463
11	leidpen	17.055.411	28	sluitring	17.055.080
12	leidpen 30 x 10 mm	17.055.389	29	lip voor trekveer	17.055.430
13	afdekdop	17.055.566	30	trekveer	17.055.333
14	taatsplaat	17.055.561	31	as voor rubberrol	17.055.472
15	bout v. drukrolas	1.303.002	32	frictieschijf	17.055.307
16	clip v. schuifas	17.055.465	33	haspeldrager	17.055.512
17	spiraal voor frictieas	17.055.339	34	borgring	4.004.002

35	frictieas	17.055.395	56	kogel 1/8"	4.999.020
36	motor schakelaar	48.015	57	nylon ringen	4.414.001
37	tule (motor)	16.002	58	onderlegplaatje	2.001.021
38	afstandsbusje	17.055.337	59	P.K. boutje N.4 x	17.055.418
39	oliekeerring	17.055.311	60	viltstrook voor kop	17.055.407
40	sierring voor oog	71.000.013	61	viltringen	4.333.003
41	afstandsbusje v. motor	17.055.336	62	veerringen	2.001.N.024
42	moer	3.303.001	63	P.K. bouten	17.055.422
43	bout voor lager vliegwiel	1.303.004	64	rozetten	4.038.002
44	viltring onder montageplaat	17.055.407	65	ring	4.333.003
45	borgbus v. vliegwiel	17.055.488	66	veering voor banddrukker	17.055.486
46	frictie viltring	17.055.562	67	veer voor banddrukker	17.055.487
47	bout M4 x 8	1.304.002	68	instellip voor banddrukker	3.001.001
48	kolom	17.055.341	69	moeren van banddrukker	17.055.513
49	capstan lager	17.055.325	70	arm voor banddrukker	17.055.485
50	klinknagels	9.308.021	71	vilt voor banddrukker	17.055.430
51	lager v. frictieas	17.055.464	72	steunlip voor veer voor banddrukker	17.055.369
52	as v. hefboom	17.055.410	73	arresternok	17.055.466
53	onderlegring vilt	4.046.007	74	kolom	4.345.006
54	boutje v. leidpen (11)	1.302.003	75	splitpennen	
55	nylon ring	4.999.021			

17	3-POLIGE ENTREE	
18	L.S.	
19	ZWART	220V.
20	ROOD	R19 C12 C11 L1 L2
21	WIT	R3



AMROH HANDY-SOUND "5"



service
documentatie
BAND 1

