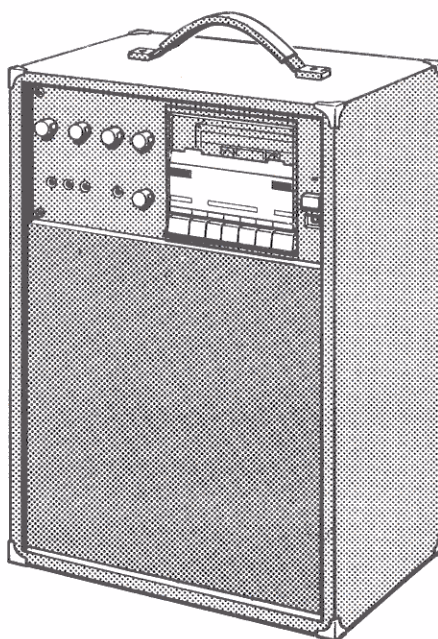


Service
Service
Service

For repair information of the cassette mechanism see
Service Manual of "Recorders tape deck RTS-1" and
"Recorders tape deck RTS-7".

Service Manual



32 684 A12

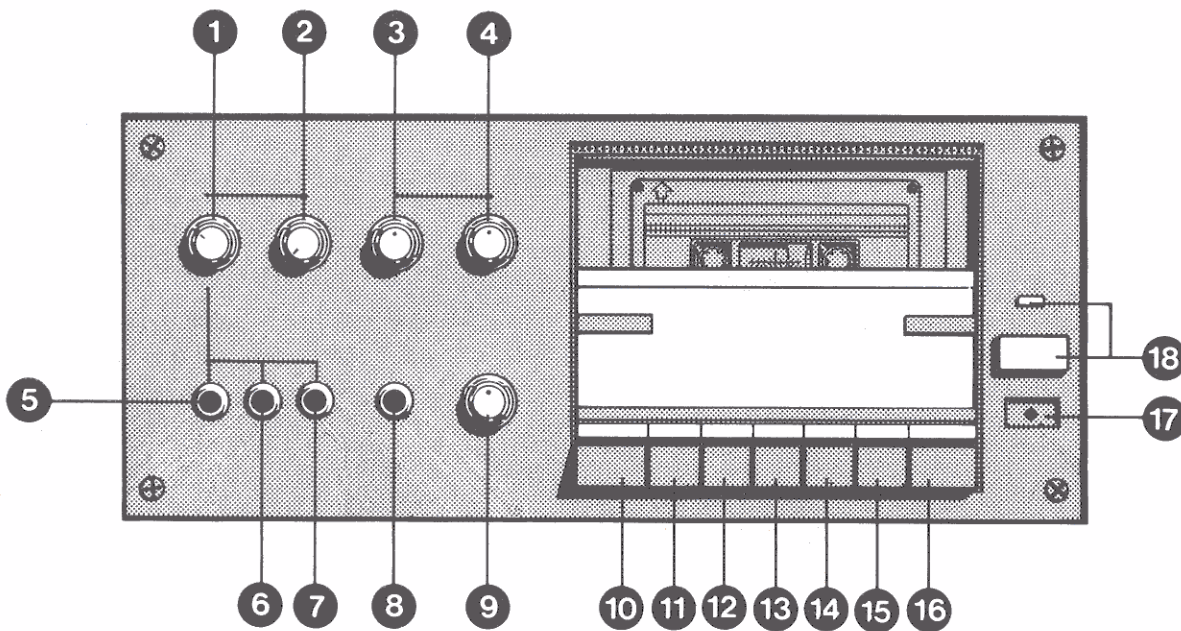
Documentation Technique Service Dokumentation Documentazione di Servizio Huolto-Ohje Manual de Servicio Manual de Serviço



"Pour votre sécurité, ces documents
doivent être utilisés par des spécia-
listes agréés, seuls habilités à réparer
votre appareil en panne".

Subject to modification
4822 725 15498
Printed in The Netherlands

PHILIPS



32 685 A12

CONNECTIONS AND CONTROLS

1		"volume line"	R201	11		"recording"	SK102,SK101
2		"volume tape"	R202	12		"rewind"	SK102
3		"bass"	R209	13		"fast forward"	SK102
4		"treble"	R212	14		"stop"	
5		"micr. 1 socket"	BU301	15		"play"	SK102
6		"micr. 2 socket"	BU302	16		"pause"	
7		"line in socket"	BU303	17		"external supply D.C."	BU401
8		"line out, headphone socket"	BU304	18		"power on/off switch and indicator"	SK401/D402
9	PITCH	"pitch control"	R308				
10		"eject"					

SPECIFICA



V==

Frequency

(within 8 d

Tape speed

Wow and fl

(GB) MA

It is recom
lubricate th
500 hours

To be clear

— Erase h

— Record

— Belts

— Capstan

— Pressur

(F) EN

L'appareil c
marche et

Nettoyer le
brûler:

— Tête eff

— Tête en

— Corroie

— Cabesta

— Galet p

SPECIFICATIONS



220 V, 50/60 Hz
240 V, 50/60 Hz for /05



14 V

Frequency response

(within 8 dB) 80 Hz - 10 kHz

Tape speed 4.76 cm/sec $\pm$ 2%

Wow and flutter $\leq$ 0.35%

Input sensitivity

ext. mic. 1	2 mV/ 2 k Ω	BU301
guitar/ext. mic. 2	20 mV/ 39 k Ω	BU302
line in	200 mV/470 k Ω	BU303

Output

tape out	0-5 V/120 Ω	BU304
	4-600 Ω	BU304

(GB)

MAINTENANCE

It is recommended to clean the recorder and to lubricate the principal lubrication points after approx. 500 hours of operation.

To be cleaned with alcohol or spirit:

- Erase head
- Recording/playback head
- Belts
- Capstan
- Pressure roller

(NL)

ONDERHOUD

Aanbevolen wordt het apparaat na ca. 500 bedrijfsuren schoon te maken en op de belangrijkste punten te smeren.

Schoonmaken met alcohol of spiritus:

- Wiskop
- Opneem-/weergeefkop
- Snaren
- Toonas
- Drukrol

(F)

ENTRETIEN

L'appareil devra être nettoyé après env. 500 heures de marche et lubrifié aux points les plus importants.

Nettoyer les éléments suivants à l'alcool ou à l'alcool à brûler:

- Tête effacement
- Tête enregistrement/reproduction
- Corroies
- Cabestan
- Galet presseur

(D)

WARTUNG

Es empfiehlt sich, das Gerät nach ca. 500 Betriebsstunden zu reinigen und die wichtigsten Schmierpunkte zu schmieren.

Reinigen mit Alkohol oder Spiritus:

- Löschkopf
- Aufnahme/Wiedergabe-Kopf
- Antriebsriemen
- Tonachse
- Andruckrolle

(I)

MANUTENZIONE

E consigliabile pulire l'apparecchio dopo circa 500 ore di funzionamento e di lubrificarne i punti principali.

Pulire con alcool:

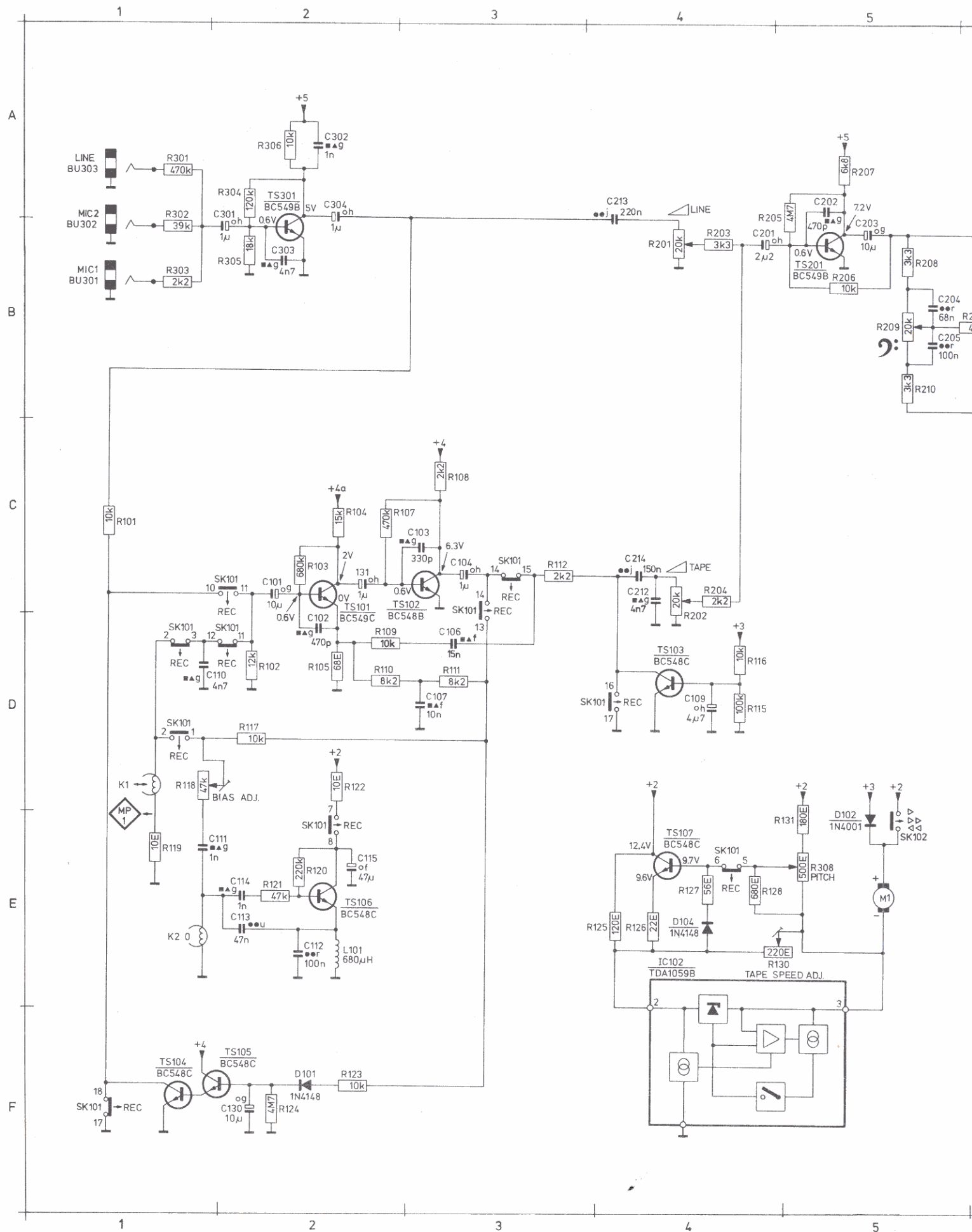
- Testina di cancellazione
- Testina di registrazione/riproduzione
- Cinghie
- Cabstan
- Rullo preminastro

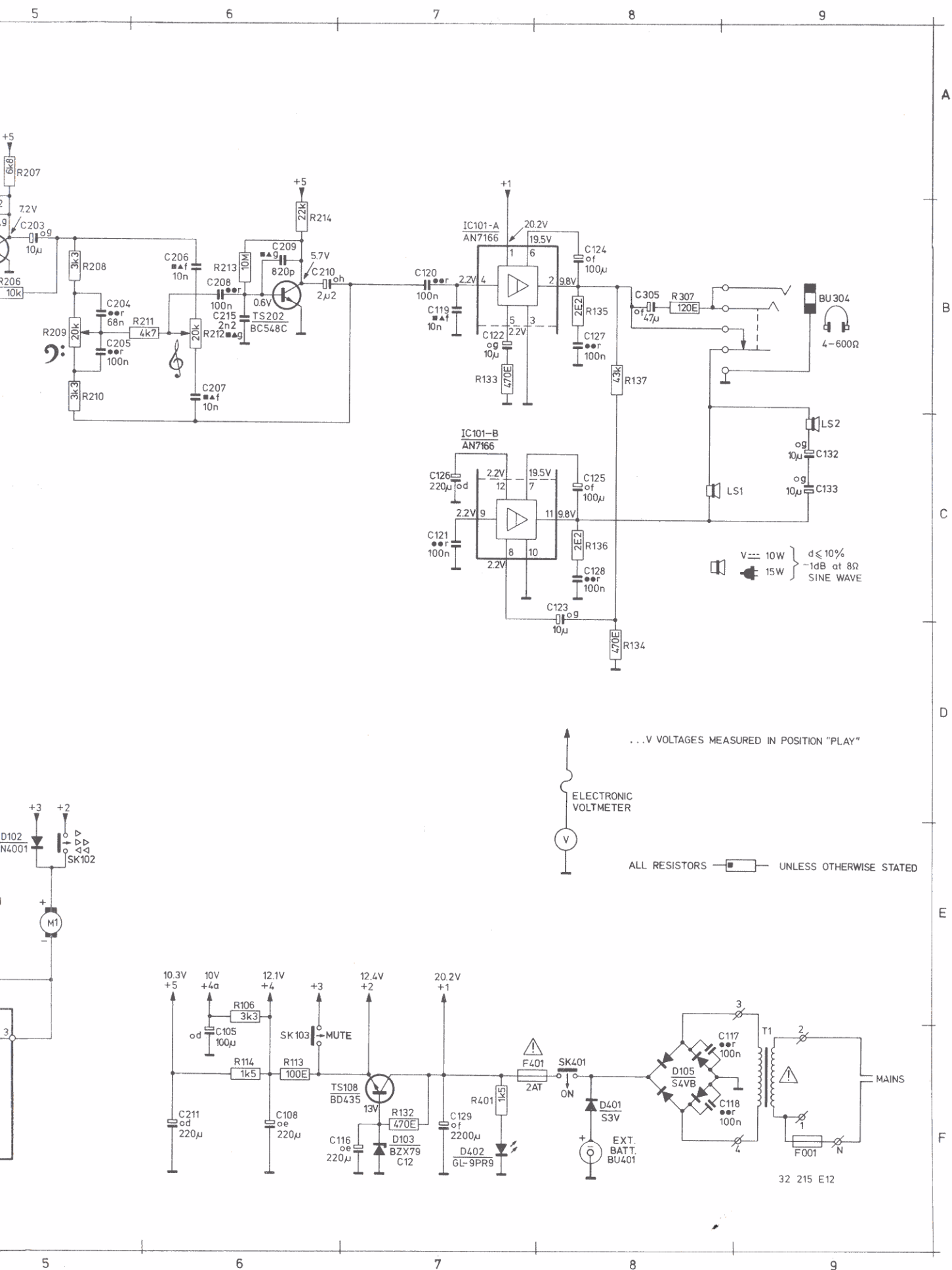
C

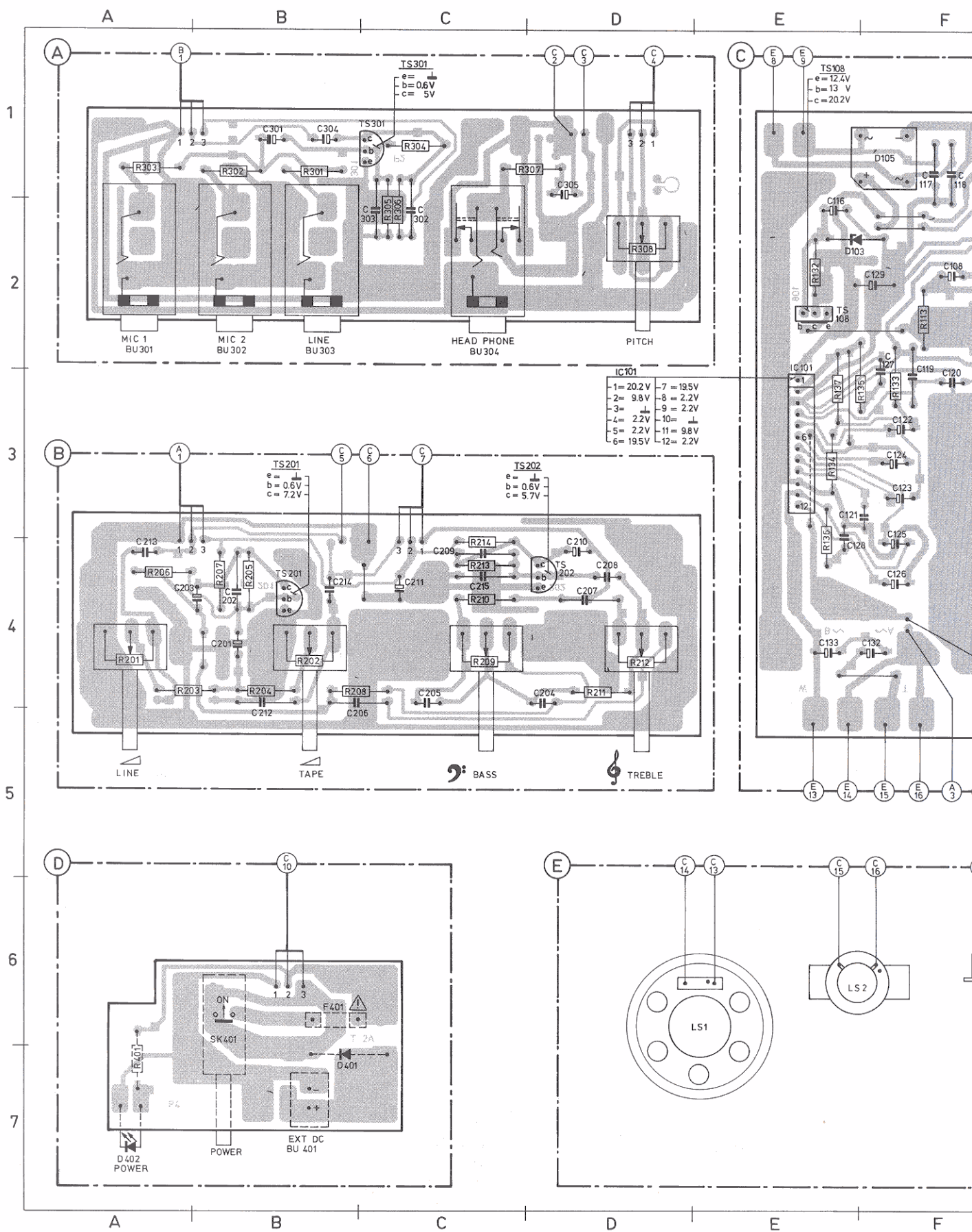
D

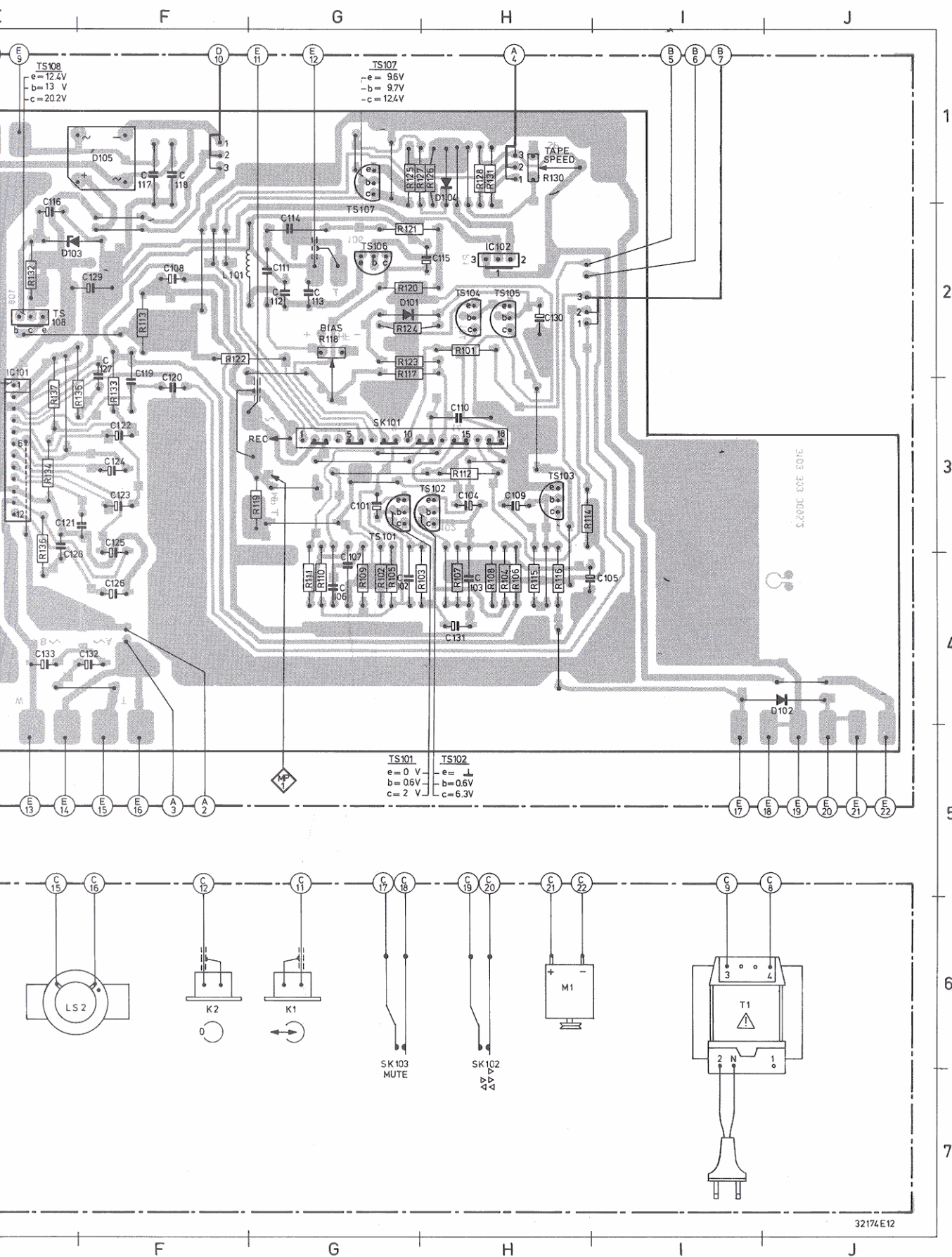
5

SK10

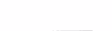








-R- 			-IC- 		
R118	Trimpot. 47 kΩ	4822 100 10079	IC101	AN7166	4822 209 81503
R130	Trimpot. 220 Ω	4822 100 10597	IC102	TDA1059B	4822 209 80361
R201,R202	Volume 20 kΩ	4822 101 30509	-SK- 		
R209	Bass 20 kΩ	4822 100 20103			
R212	Treble 20 kΩ	4822 100 20103	SK101	REC/PB switch	4822 277 30669
R308	Pitch 500 Ω	4822 101 20716	SK401	Power on/off switch	4822 276 11165
-D- 			-Miscellaneous-		
D101,D104	1N4148	4822 130 30621	BU301÷303		4822 267 30345
D102	1N4001G	4822 130 31438	BU304	Headphone socket	4822 267 30385
D103	BZX79-B12	4822 130 34197	BU401	Ext. DC socket	4822 267 30431
D105	S4VB-20	4822 130 31007	L101	680 μH	4822 157 50968
D401	S3V-20	4822 130 41172	LS1	AD80800/P8	4822 240 60153
D402	GL9PR9	4822 130 31432	LS2	Tweeter	4822 240 30242
-TS- 			△ T1	220 V	4822 145 30293
TS102	BC548B	4822 130 40937	△ T1 for /05	240 V	4822 145 30294
TS103÷107	BC548C	4822 130 44196	△ F401	T2A	4822 253 30025
TS101	BC549C	4822 130 44246	△ F1	Thermal fuse	4822 252 20007
TS108	BD437	4822 130 40982			

	Carbon film 0.2 W 70°C 5%	
	Carbon film 0.33 W 70°C 5%	
	Metal film 0.33 W 70°C 5%	
	Carbon film 0.5 W 70°C 5%	
	Carbon film 0.67 W 70°C 5%	
	Carbon film 1.15 W 70°C 5%	
© Chip component		

	Ceramic plate Tuning ≤ 120 pF NP.0 2% Others -20/+80%
	Polyester flat foil 10%
	Metalized polyester flat film 10%
	Polyester flat foil small size (Mylar) 10%
	Polysterene film/foil 1%
	Tubular ceramic
	Miniature single
	Subminiature tantalum ± 20%

*a = 2,5 V
b = 4 V
c = 6,3 V
d = 10 V
e = 16 V
f = 25 V
g = 40 V
h = 63 V
j = 100 V
l = 125 V
m = 150 V
n = 160 V
q = 200 V
r = 250 V
s = 300 V
t = 350 V
u = 400 V
v = 500 V
w = 630 V
x = 1000 V
A = 1,6 V
B = 6 V
C = 12 V
D = 15 V
E = 20 V
F = 35 V
G = 50 V
H = 75 V
I = 80 V

27 037A/C

GB

Safety regulations require that the set be restored to its original condition and that parts which are identical with those specified, be used.

NL

Veiligheidsbepalingen vereisen, dat het apparaat bij reparatie in zijn oorspronkelijke toestand wordt teruggebracht en dat onderdelen, identiek aan de gespecificeerde, worden toegepast.

F

Les normes de sécurité exigent que l'appareil soit remis à l'état d'origine et que soient utilisées les pièces de rechange identiques à celles spécifiées.

D

Bei jeder Reparatur sind die geltenden Sicherheitsvorschriften zu beachten. Der Originalzustand des Geräts darf nicht verändert werden; für Reparaturen sind Original-Ersatzteile zu verwenden.

I

Le norme di sicurezza esigono che l'apparecchio venga rimesso nelle condizioni originali e che siano utilizzati i pezzi di ricambio identici a quelli specificati.