Cassette recorder D6260/00

Service
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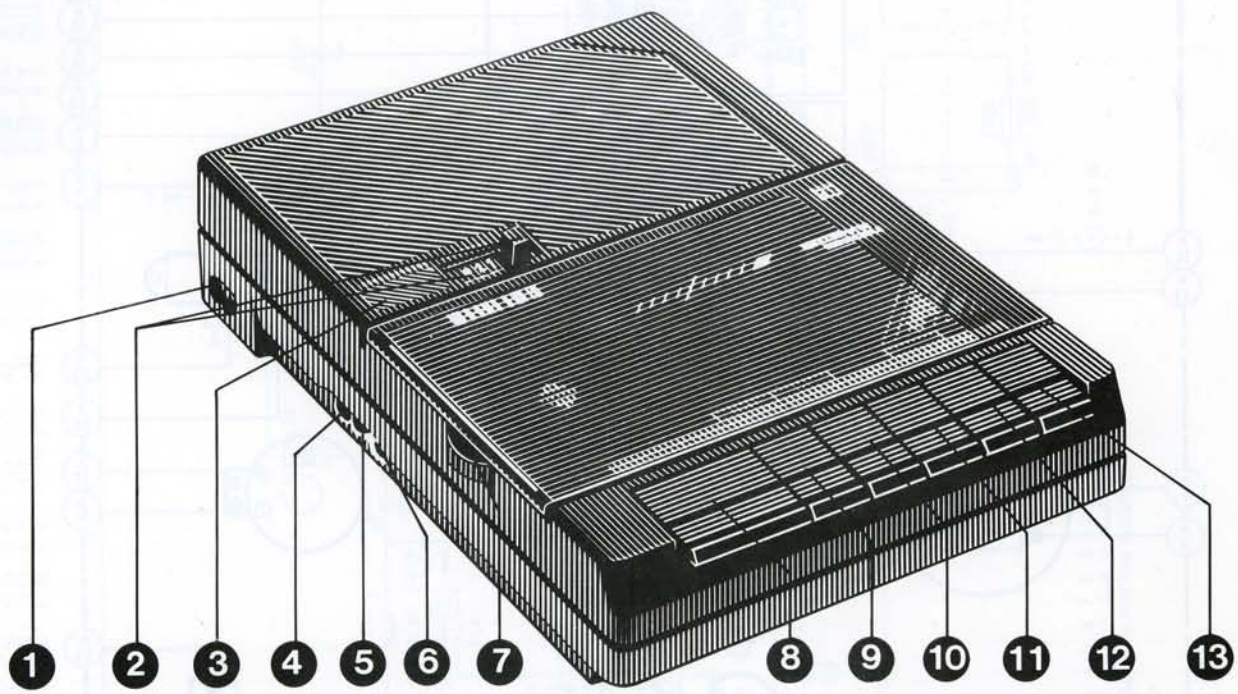
For repair information of the cassette mechanism see Service Manual of "Recorders tape deck RT-1" and "Recorders tape deck RT-30".

Service Manual



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

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CONNECTIONS AND CONTROLS

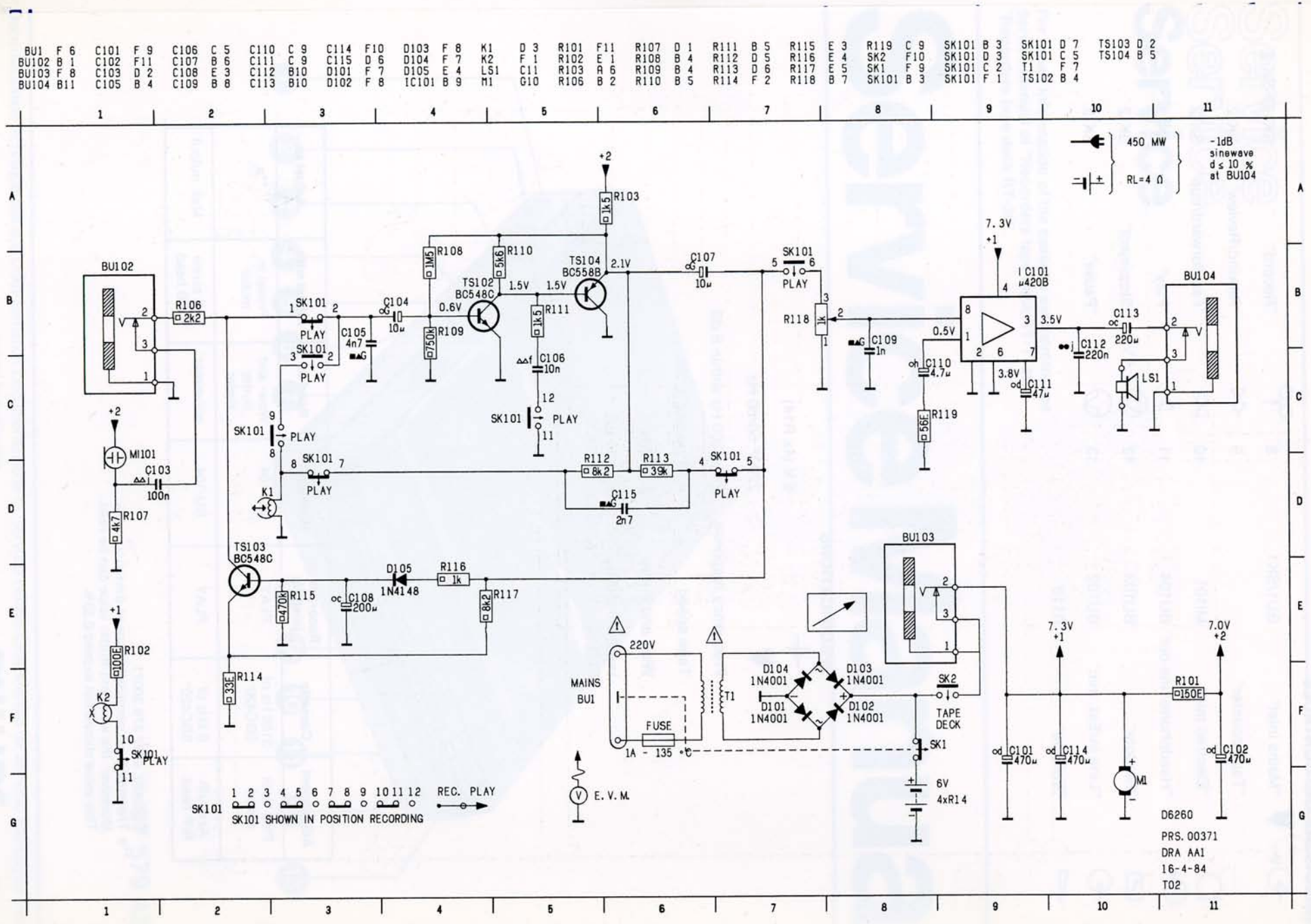
1	V~	"Mains inlet"	BU1/SK1	8		"Record"	SK101-SK-2
2		"Tape counter"		9		"Rewind/Review"	SK-2
3		"Electrec mic"	Mi101	10		"Fast forward/cue"	SK-2
4		"Headphone/line out"	BU104	11		"Play"	SK-2
5		"Remote"	BU103	12	/	"Stop/eject"	SK-2
6		"Line in/Ext. mic"	BU102	13		"Pause"	SK-2
7		"Volume"	R118				

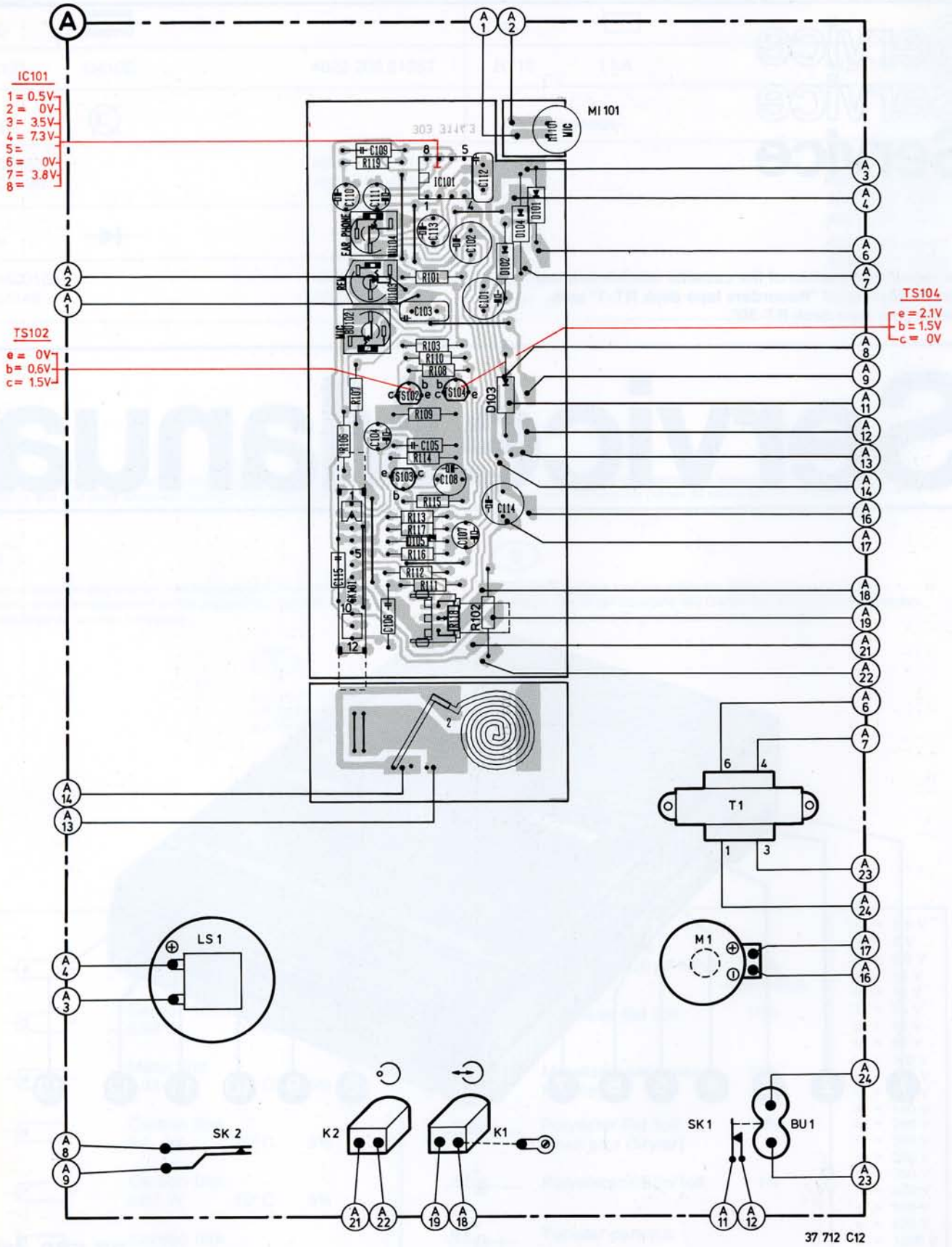
SPECIFICATIONS

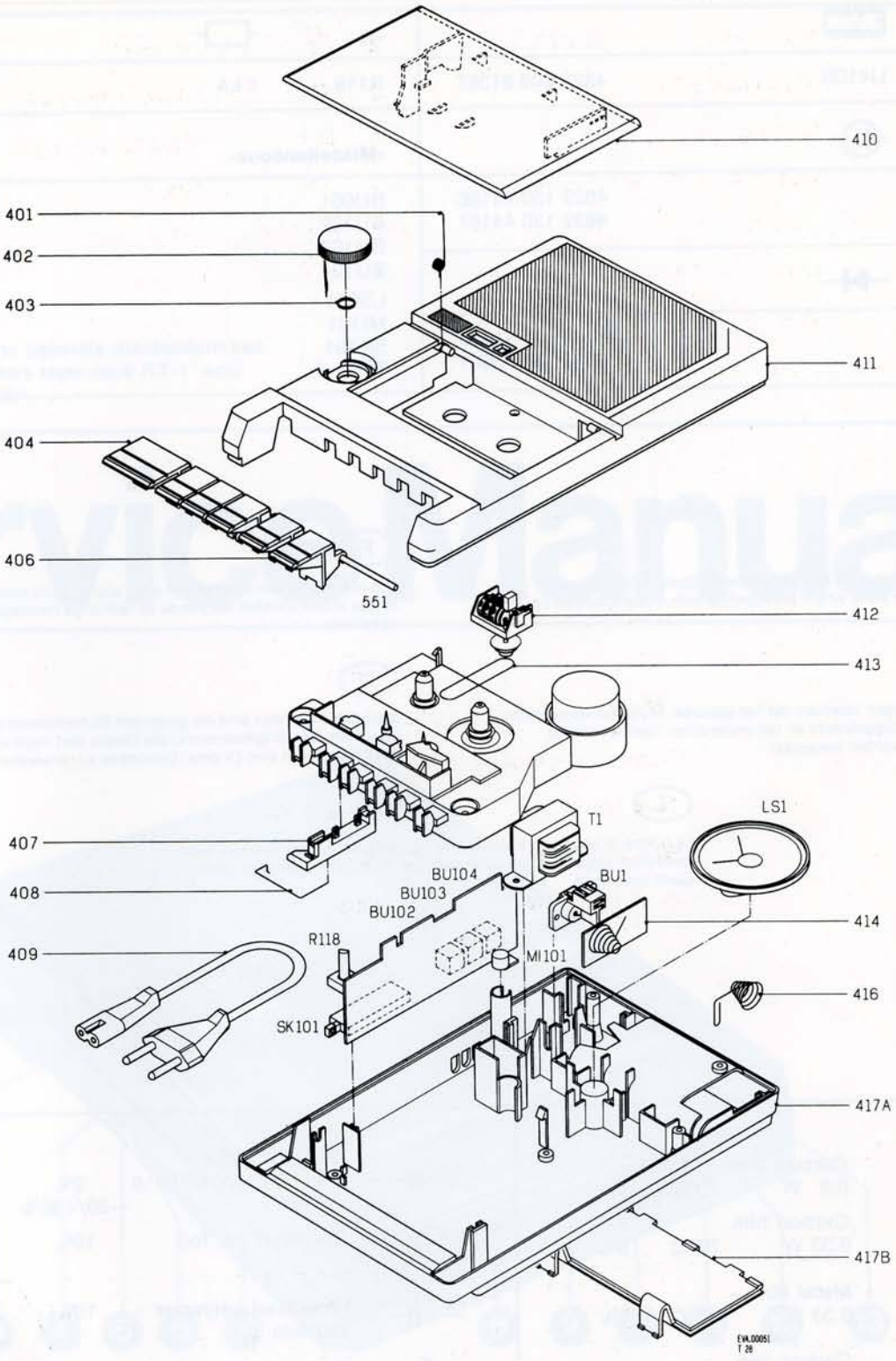
	: 6 V (4x R14)
	: 220 V, 50/60 Hz
Frequency response	: 250-6300 Hz within 8 dB
Tape speed	: 4.76 cm/sec ± 3%
Wow and flutter	: ⩽ 0.35%
Input sensitivity BU102	: 1 mV/1 kΩ

Adjustment	Cassette	Recorder in position	Measure on	Read on	Adjust with	Adjust to
Play back speed	3150 Hz of SBC420*	PLAY	BU-104	Wow- and flutter meter	Preset in motor	**a
Azimuth R/P head	8 kHz of SBC420*	PLAY	BU-104	mV-meter	Left screw R/PB head	Max. output

* SBC420: 4822 379 30071.
**a The maximum permissible speed deviation is 3%. Moreover, the wow-and-flutter value can be read. This value should not exceed 0.35%.


BU1 F 6 C101 F 9 C106 C 5 C110 C 9 C114 F10 D103 F 8 K1 D 3 R101 F11 R107 D 1 R111 B 5 R115 E 3 R119 C 9 SK101 B 3 SK101 D 7 TS103 D 2
BU102 B 1 C102 F11 C107 B 6 C111 C 9 C115 D 6 D104 F 7 K2 F 1 R102 E 1 R108 B 4 R112 D 5 R116 E 4 SK2 F10 SK101 D 3 SK101 C 5 TS104 B 5
BU103 F 8 C103 D 2 C108 E 3 C112 B10 D101 F 7 D105 E 4 LS1 C11 R103 A 6 R109 B 4 R113 D 6 R117 E 5 SK1 F 9 SK101 C 2 T1 F 7
BU104 B11 C105 B 4 C109 B 8 C113 B10 D102 F 8 IC101 B 9 M1 G10 R106 B 2 R110 B 5 R114 F 2 R118 B 7 SK101 B 3 SK101 F 1 TS102 B 4
450 MW
RL=4 Ω
-1dB sinewave d ≤ 10 % at BU104
+2
R103 1k5
R108 1M5
R110 5k6
TS104 BC558B
2.1V
C107 10µ
SK101 PLAY
7.3V +1
IC101 µ420B
BU104
BU102
R106 2k2
SK101 PLAY
C104 10µ
TS102 BC548C
0.6V
1.5V
R109 750K
R111 1k5
C105 4n7
C106 10n
R118 1k
C109 1n
0.5V
C110 4.7µ
R119 56E
3.5V
C113 220µ
C112 220n
3.8V
C111 47µ
LS1
MI101
C103 100n
R107 4k7
K1
R112 8k2
R113 39k
C115 2n7
TS103 BC548C
D105 1N4148
R116 1k
R115 470k
C108 200µ
R117 8k2
R114 33E
BU103
+1
R102 100E
K2
SK101 PLAY
220V
MAINS BU1
FUSE
1A - 135 °C
T1
D104 1N4001
D103 1N4001
D101 1N4001
D102 1N4001
SK2
TAPE DECK
SK1
6V
4xR14
E.V.M.
7.3V +1
7.0V +2
R101 150E
C101 470µ
C114 470µ
C102 470µ
M1
SK101 1 2 3 4 5 6 7 8 9 10 11 12 REC. PLAY
SK101 SHOWN IN POSITION RECORDING
D6260
PRS. 00371
DRA AA1
16-4-84
T02


IC101
1 = 0.5V
2 = 0V
3 = 3.5V
4 = 7.3V
5 =
6 = 0V
7 = 3.8V
8 =
TS102
e = 0V
b = 0.6V
c = 1.5V
TS104
e = 2.1V
b = 1.5V
c = 0V
MI 101
MIC
EAR PHONE
REL
VOL
T1
LS 1
M 1
SK 2
SK 1
BU 1
K2
K1
37 712 C12



401	4822 492 41246
402	4822 413 41214
403	4822 492 51374
404	4822 413 31259
406	4822 413 41215
407	4822 403 52322
408	4822 492 41247
409	4822 321 10105 ⚠
410	4822 443 61502 /00
410	4822 443 61535 /18
411	4822 443 30591
412	4822 349 50212
413	4822 358 30463
414	4822 492 63001
416	4822 492 51231
417	4822 443 50593

-IC-		
IC101	U410B	4822 209 81367

-TS-	
BC548C	4822 130 44196
BC558B	4822 130 44197

-D-	
1N4001G	4822 130 31438
1N4148	4822 130 30621

-R-		
R118	1 kA	4822 100 20143

-Miscellaneous-	
BU001	4822 265 20207
BU102	4822 267 30634
BU103	4822 267 30635
BU104	4822 267 30634
LS001	4822 240 30123
MI101	4822 242 10046
SK101	4822 277 20657
T001 ⚠	4822 146 20997

(GB)

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

(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.

(NL)

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

(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 ricambiago identici a quelli specificati.

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%	

(C) 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

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