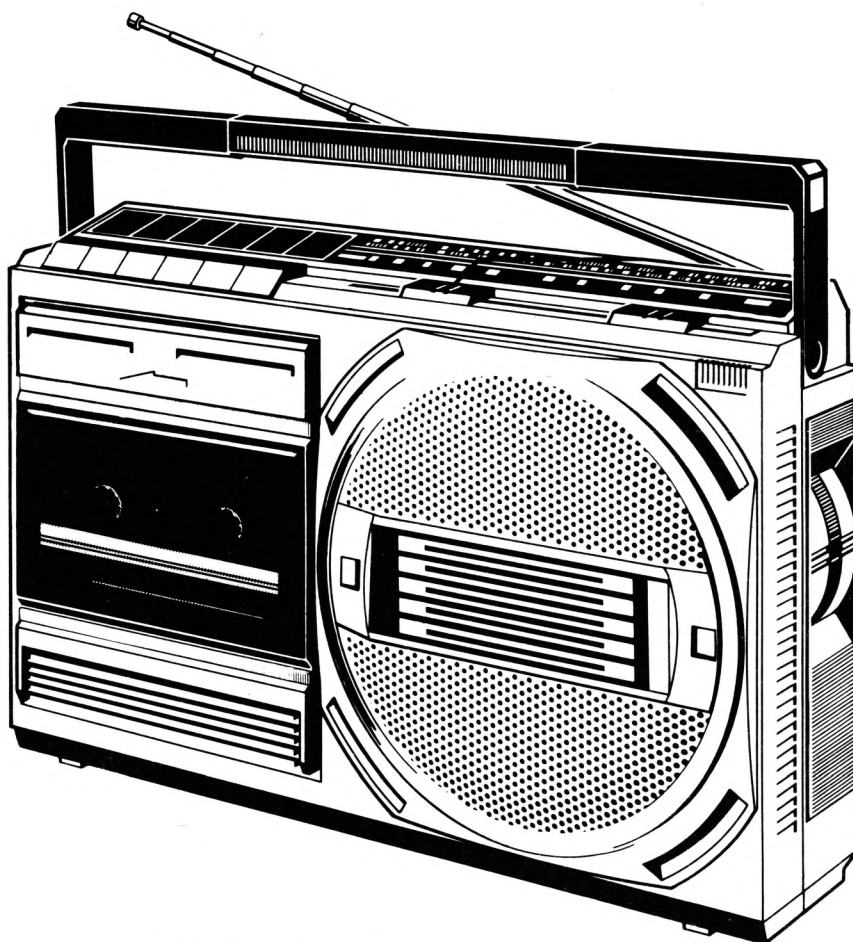


Service Service Service

Consultar também o Manual de Serviço "Recorder Tape Deck RT-1"
Consultar también el Manual de Servicio "Recorder Tape Deck RT-1"
See also the Service Manual "Recorder Tape Deck RT-1"

Service Manual

Manual de Serviço
Manual de Servicio
Service Manual



ESPECIFICATIONS

Wave Range

MW	: 520 - 1605KHz
FM	: 88 - 108 MHz
Intermediary Frequency	
AM	: 455 KHz
FM	: 10,7 MHz
Output Power	: 800mW (RMS)
Tape Speed	: 4,76 cm/sec. ($\pm 3\%$)
Supply	: 110/220V - 50/60 Hz
	9V dc (6 x R20)
Dimensions	: 315 x 200 x 75 mm

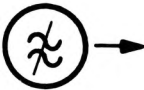


Subject to modification
4806 725 17115
Printed in Brazil

PHILIPS

ADJUSTMENTS

RADIO

SK							
MW (AM - IF)	455 KHz VIA 47 nf		Min.	S 042	 Symmetrical Max.		
				S 043			
MW 520 - 1605 KMz (AM - RF)	512 KHz		Max.	S 002	 máx.		
	1635 KHz		Min.	C 100h			
	600 KHz			S 001			
	1400 KHz			C 100g			
FM (FM - IF)	10,7 MHz VIA 10 nf		Min.	S 041	 Symmetrical Max.		
				S 044			
				S 045	 Symetrical + Linearity		
FM 87,5 - 108 MHz (FM - RF)	86,5 MHz		Max.	S 022	 máx.		
	109 MHz		Min.	S 021			
				C 100f			
				C100e			

DECK

Ajuste	Cassete	Posição	Medir em	Ler em	Ajustar em	Ajustar para
Ajuste	Casete	Posición	Medir en	Leer en	Ajustar en	Ajustar para
Adjust	Cassete	Position	Measure on	Read on	Adjust on	Adjust to
Velocidade Velocidad Speed	3150 Hz	PLAY	S100	“Wow and Flutter Meter”	R 806	
Azimuth	8 KHz	PLAY	S100	mV-meter	Parafuso-K1 Tornillo-K1 Screw-K1	Máx. Saída Máx. Salida Max. Output



 A rotação pode variar $\pm 3\%$ e “Wow and Flutter” $\pm 0,4\%$.

 La velocidad puede variar $\pm 3\%$ y “Wow and Flutter” $\pm 0,4\%$.

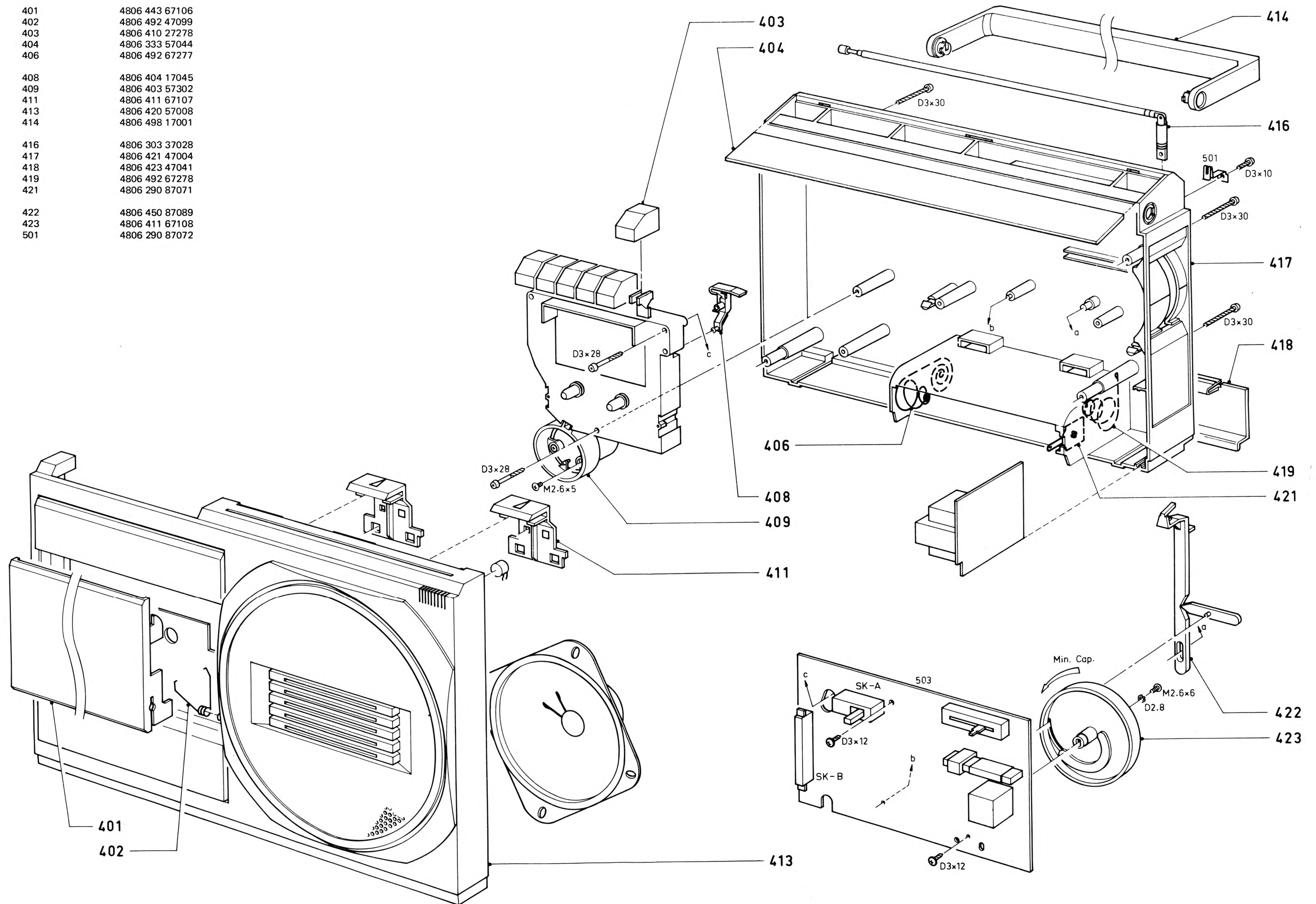
 The speed deviation is $\pm 3\%$ and “Wow and Flutter” $\pm 0,4\%$.

401 4806 443 67106
 402 4806 492 47099
 403 4806 410 27278
 404 4806 333 57044
 406 4806 492 67277

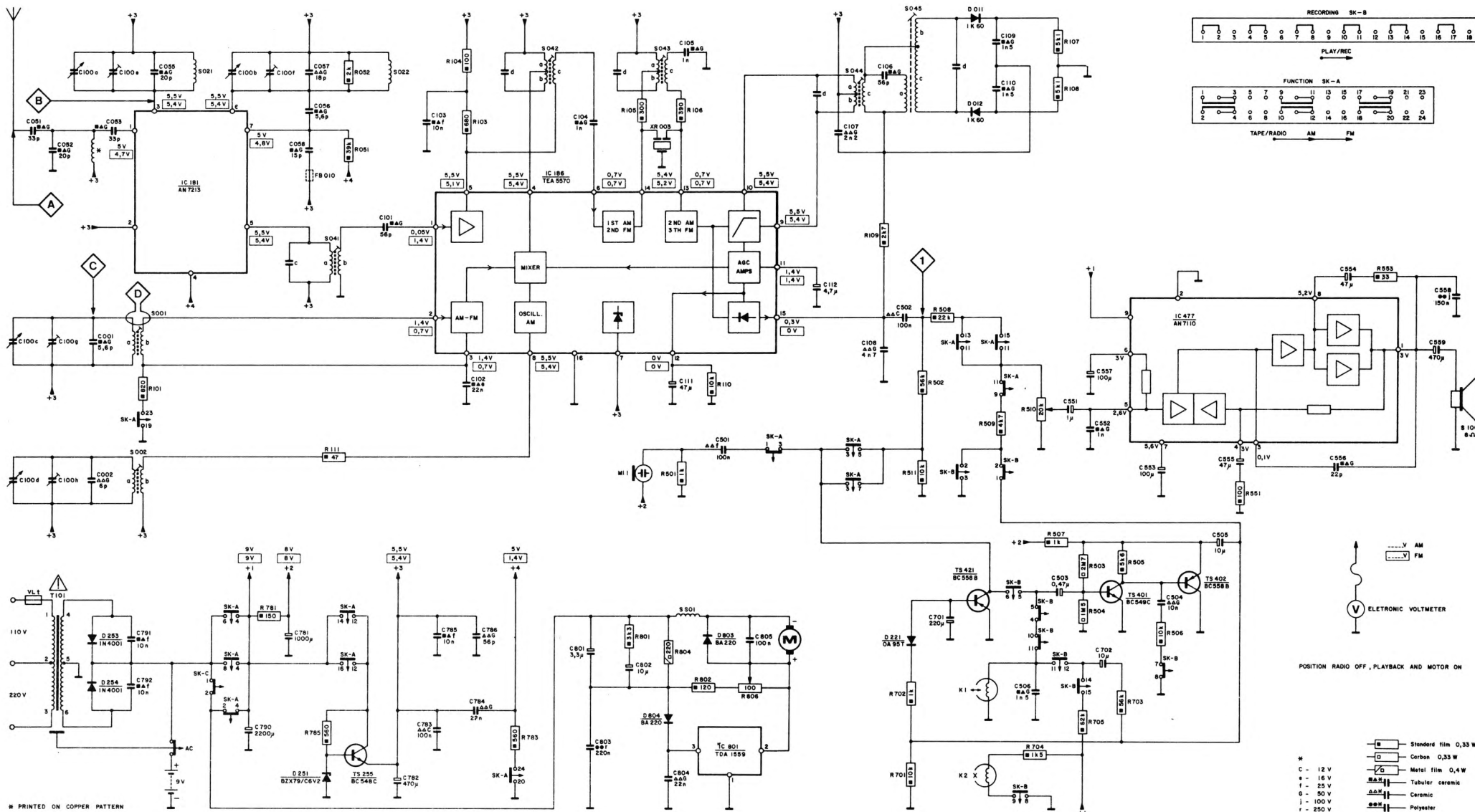
408 4806 404 17045
 409 4806 403 57302
 411 4806 411 67107
 413 4806 420 57008
 414 4806 498 17001

416 4806 303 37028
 417 4806 421 47004
 418 4806 423 47041
 419 4806 492 67278
 421 4806 290 87071

422 4806 450 87089
 423 4806 411 67108
 501 4806 290 87072



TS-D:	D253 - D254	D251	255	D804	D803	D221	421 - D011 - D012	401	402
IC-S:	002 - 001 - IC181 - 021	041	022	042 - IC186	043 - 801 - IC1801	044	045	IC477	100
C	051 - 100h - 001 - 792	100h - 058 - 056	783 - 102	804 - 501	107 - 502	109	551 - 702	505	554
C	100d - 052 - 100e - 053 - 791	790 - 781	101 - 103 - 784	803	111 - 805	108	701 - 506	557 - 553	555
C	100c - 100g - 002 - 100a - 055	1001 - 057	782 - 785 - 786	801	802 - 105	112 - 106	110 - 503	552 - 504	556
R		781	111 - 051	103	105 - 501 - 108 - 110	109 - 702 - 511 - 508	509 - 510 - 507 - 107 - 705 - 703	551	558
R	101	785 - 052	104	783	801 - 804 - 802 - 806	701 - 502	704 - 108 - 503 - 504 - 505 - 506		553

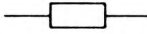


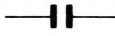
		
IC191	AN7213	4806 209 87223
IC186	TEA5570	4806 209 87224
IC477	AN7110	4806 209 87226
IC801	TDA1559	4806 209 87222

		
TS255	BC548C	4806 130 47042
TS401	BC549C	4806 130 47045
TS402/TS421	BC558B	4806 130 47050

		
D011/12	1K60	4806 130 37182
D221	OA95T	4806 130 37061
D251	BZX79C6V2	4806 130 37051
D253/254	1N4001	4806 130 37075
D802/803	BA220	4806 130 37011

		
S01		4806 153 17025
S02		4806 156 37033
S21		4806 157 47063
S22		4806 157 47064
S41		4806 156 37034
S42		4806 156 37035
S43		4806 156 37036
S44		4806 156 37037
S45		4806 156 37038
S100		4806 240 47012
S801		4806 157 47022

		
R503	RES 2,7 M Ω x 0,33W	4806 110 57004
R504	RES 1,5 M Ω x 0,33W	4806 110 57002
R510	POT SLIDER 20 K Ω	4806 101 17041
R806	TRIMPOT 220 Ω	4806 100 17045

		
C100	VARCO	4806 125 27030
C503	ELCO 0,47 μ f x 63V	4806 124 27241
C505	ELCO 10 μ f x 50V	4806 124 27296
C551	ELCO 1 μ f x 63V	4806 124 27209
C553	ELCO 100 μ f x 25V	4806 124 27217
C554	ELCO 47 μ f x 25V	4806 124 27290
C555	ELCO 47 μ f x 10V	4806 124 27210
C557	ELCO 100 μ f x 10V	4806 124 27294
C559	ELCO 470 μ f x 16V	4806 124 27285
C701	ELCO 220 μ f x 10V	4806 124 47015
C702	ELCO 10 μ f x 50V	4806 124 27296
C781	ELCO 1000 μ f x 16V	4806 124 27233
C782	ELCO 470 μ f x 16V	4806 124 27285
C790	ELCO 2200 μ f x 16V	4806 124 27295
C801	ELCO 3,3 μ f x 50V	4806 124 27301
C802	ELCO 10 μ f x 50V	4806 124 27296

VARIOUS		
SKA	AM/FM SWITCH	4806 277 37086
SKB	REC/PLAY SWITCH	4806 277 67016
Mi1	ELECTRET MIC	4806 242 37012
M1	MOTOR	4806 361 27025
K1	REC/PLAY HEAD	4806 249 17031
K2	ERASE HEAD	4806 249 47008
XR03	CERAMIC FILTER 10,7MHz	4806 242 77003
T101	MAINS TRANSFORMER	4806 146 27025
MAINS SOCKET		4806 265 27011

P

Painel Regulador de Velocidade	4806 466 17201
Tampa da Antena	4806 403 37060
Placa 110/220V	4806 450 37015
Parafuso Fix. Placa 110/220V	4806 502 37058
Cabo de Rede	4806 321 17013
Placa de Fixação do Alto Falante	4806 492 67180
Parafuso para Placa acima	4806 502 37109

E

Panel Regulador de Velocidad	4806 466 17201
Tapa de La Antena	4806 403 37060
Placa 110/220V	4806 450 37015
Tornillo Fij. Placa 110/220V	4806 502 37058
Cable de Red	4806 321 17013
Placa de Fij. del Alta Voz	4806 492 67180
Tornillo para Placa arriba	4806 502 37109

GB

Regulator Panel Assy	4806 466 17201
Aerial Cover	4806 403 37060
110/220V Plate	4806 450 37015
Screw Fix Plate	4806 502 37058
Mains Flex	4806 321 17013
Plate Fix Loudspeaker	4806 492 67180
Screw to Plate above	4806 502 37109