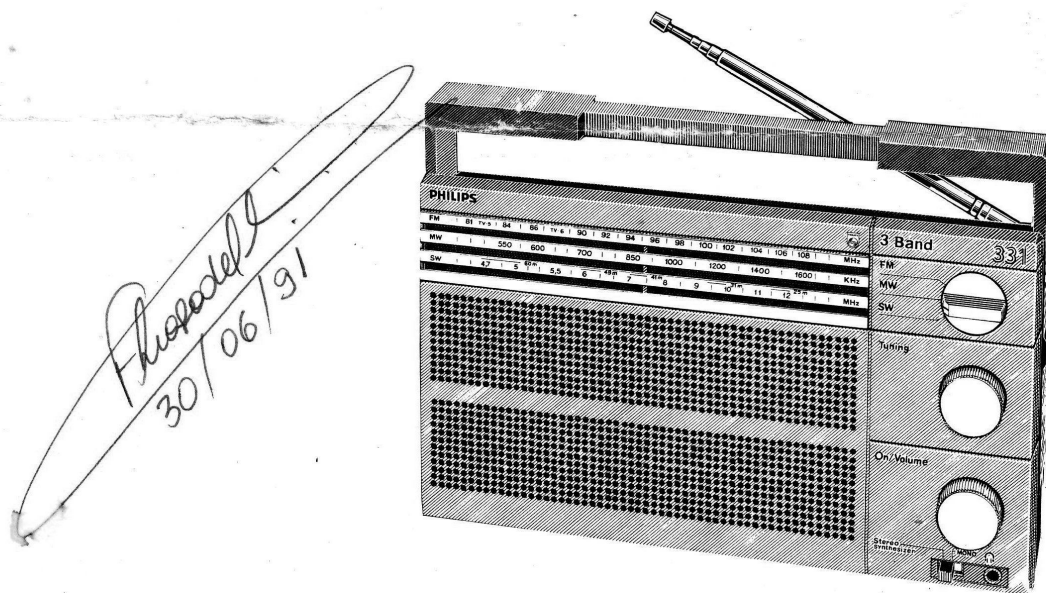


Service  
Service  
Service

# Service Manual

Manual de Serviço  
Manual de Servicio  
Service Manual



**(P) ESPECIFICAÇÕES**

- Faixa de Onda
- OM
- OC1
- FM
- Frequência Intermediária
- Alimentação
- Potência de saída
- Consumo (sem sinal)
- Dimensões

**(E) ESPECIFICACIONES**

- Rango de Onda
- OM
- OC1
- FM
- Frecuencia Intermedia
- Alimentación
- Potencia de salida
- Consumo (sen señal)
- Dimensiones

**(GB) SPECIFICATIONS**

- Wave Range
- MW : 520 - 1600KHz.
- SW1 : 4,6 - 12,7MHz.
- FM : 81 - 108MHz.
- Intermediary Frequency : AM 455KHz - FM 10,7MHz.
- Supply : 110/220Vac-6V DC(4xR14).
- Output power : 580mW.
- Consumption (no signal) : 20mA.
- Dimensions : 235x133x57mm.



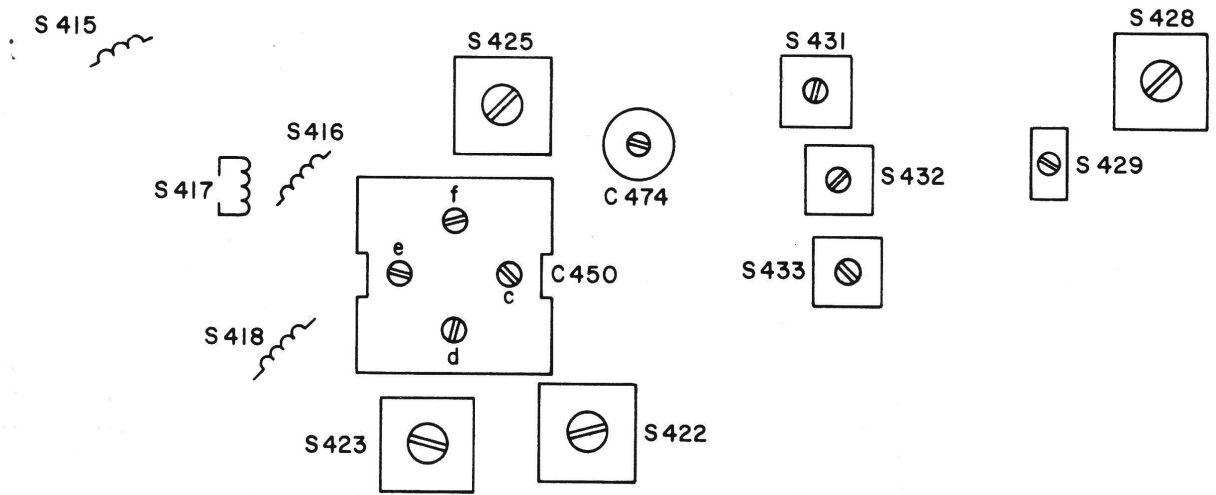
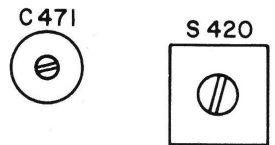
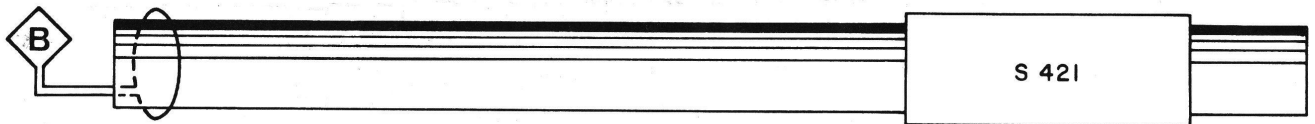
(P) (E) (GB)

Subject to modification  
4806 725 17105  
Printed in Brazil

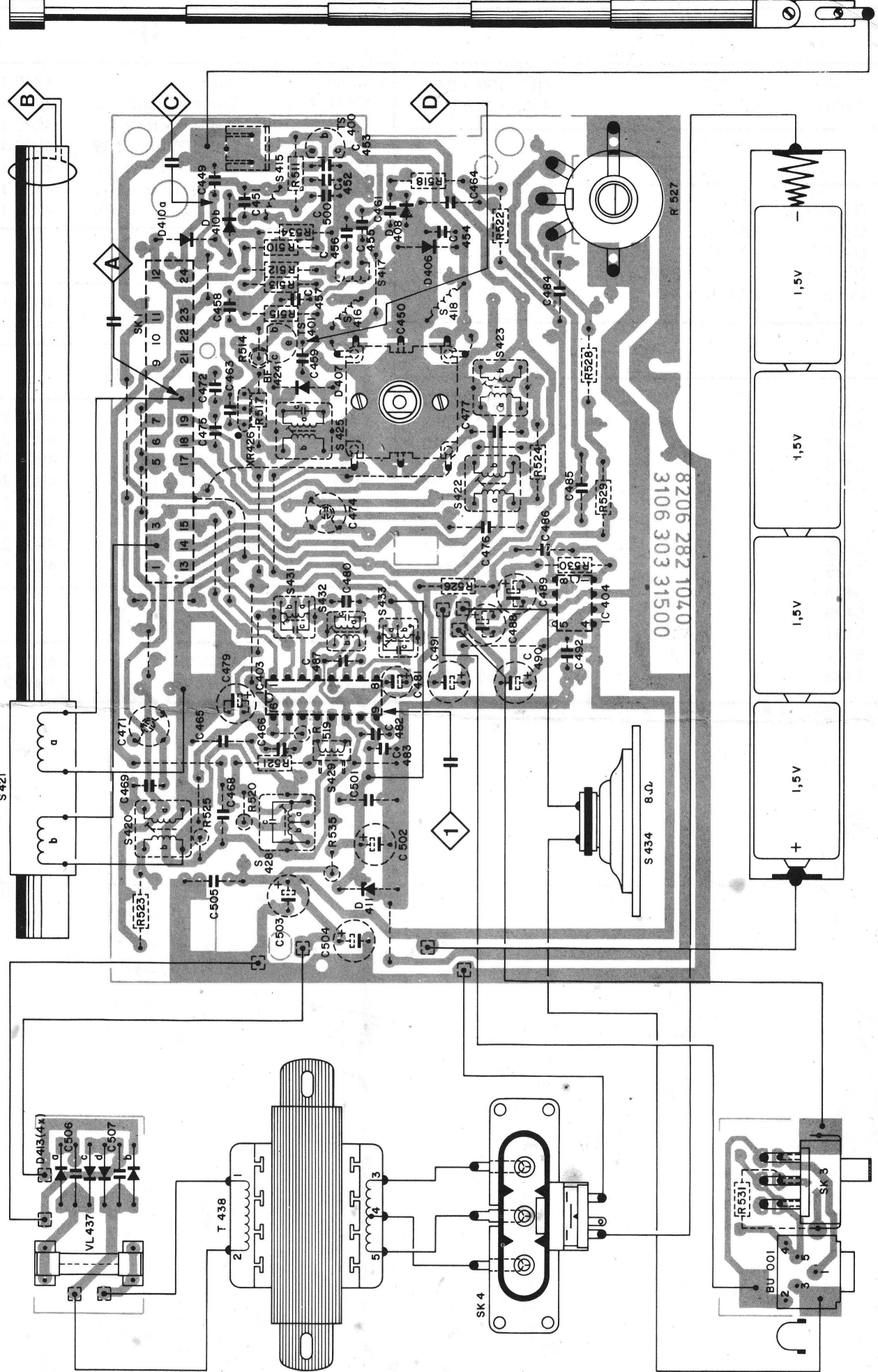
**PHILIPS**

ADJUSTS (RF - IF)

SK ...						
MW 520 - 1605KHz	455KHz		MIN. CAP.	S433	 MAX. OUTPUT	
	515KHz		MAX. CAP.	S423		
	1622KHz		MIN. CAP.	C450d		
	550KHz			S421		
	1500KHz		C450c			
SW 4,6 - 12,7MHz	4,6MHz		MAX. CAP.	S422		
	12,7MHz		MIN. CAP.	C474		
	4,7MHz		S420			
	11,8MHz		C471			
FM 81 - 108MHz	81MHz		MAX. CAP.	S418		
	108,5MHz		MIN. CAP.	C450f		
	81,5MHz			S416		
	108MHz		C450e			
	98MHz		S425			
				S428	ADJUST FOR LINEARITY AND SIMETRY OF THE "S" CURVE.	



TS-D-S:	D413	-	-	D411 - 428-434-420-421-429	-	432 - 432-433-431	-	422 - 425	-	D407-423-TS401-416-418-D406-408-D410a,b-415-TS400
C :	506	-	-	469-468-483-466-482-481-490-491-487-489	-	476 - 474	-	475 - 472-459 - 458-484	-	455-500-451-449
C :	507	-	-	503	-	502 - 501 - 471-465 - 479-492-488 - 480 - 486 - 485	-	477 - 463	-	456-454-461-452-464-453
R :	531	-	-	523	-	535-525-520 - 521 - 519	-	529 - 524	-	517 - 528-514-515-513-512-510-534-522-527-518-511



3106 303 315100  
0701 282 90Z8



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Caixa frontal  
Caixa traseira  
Tampa porta-pilhas  
Botão (sintonia e volume)  
Botão (chave de onda)  
Mola (fix. botão)  
Anel de retenção (p/eixo de sintonia)  
Mola p/tracção  
Tambor de sintonia  
Polia (maior)  
Polia  
Eixo de sintonia  
Acomplamento do botão de sintonia  
Alavanca para chave de onda  
Mola de contato para antena FM  
Porta fusível  
Trava de fix. da alça  
Mola de contato pilhas (negativo)  
Mola de contato pilhas (positivo)  
Placa ornamental da alça  
Placa indicadora 110/220V  
Antena telescópica  
Alça  
Ponteiro  
Mostrador com impressão  
Cabo de rede

E







Caja frontal  
Caja trasera  
Tapa porta-pilas  
Botón (sintonia y volumen)  
Botón (llave de onda)  
Resorte (fij. botón)  
Anillo de retención (p/ejo de sintonia)  
Resorte p/tracción  
Tambor de sintonia  
Polea (mayor)  
Polea  
Eje de sintonia  
Conexión del botón de sintonia  
Palanca para llave de onda  
Resorte de contacto para antena FM  
Porta fusible  
Traba de fij. del tirante  
Resorte de contacto pilas (negativo)  
Resorte de contacto pilas (positivo)  
Placa ornamental del tirante  
Placa indicadora 110/220V  
Antena telescópica  
Tirante  
Aguja del dial  
Placa dial  
Cable de red

GB

Front cabinet  
Back cabinet  
Battery cover  
Button (tuning and volume)  
Button (wave switch)  
Spring (fix. button)  
Retention ring (for tuning spindle)  
Traction spring  
Tuning drum  
Pulley (large)  
Pulley  
Tuning spindle  
Connexion for tuning button  
Wave switch lever  
FM aerial contact spring  
Fuse holder  
Handle lock  
Contact spring for battery (negative)  
Contact spring for battery (positive)  
Ornamental plate for handle  
110/220V indicator plate  
Telescopic aerial  
Handle  
Dial pointer  
Dial plate  
Mains flex

4806 423 57036  
4806 422 47010  
4806 423 47037  
4806 413 37120  
4806 413 37121  
4806 492 57100  
4806 530 77028  
4806 492 67205  
4806 528 87067  
4806 528 87066  
4806 528 87073  
4806 535 77044  
4806 404 17034  
4806 402 37032  
4806 290 87062  
4806 492 67162  
4806 535 97120  
4806 290 87035  
4806 290 87039  
4806 454 37038  
4806 450 37018  
4806 303 37025  
4806 498 47038  
4806 450 87077  
4806 333 67021  
4806 321 17013



					
TS400	BF 324	4806 130 47088	C450	Varco	4806 125 27009
TS401	BF 451	4806 130 47154	C471, 474	Trimmer 20pF	4806 125 57003
			C476	Sty 1nF x 63V	4806 120 37068
			C479, 488	Elco 100 μF x 10V	4806 124 27238
D406, 410	BA 220	4806 130 37011	C481	Elco 10 μF x 40V	4806 124 27240
D407	BA 316	4806 130 37016	C490, 502/4	Elco 470 μF x 16V	4806 124 27140
D408	BB 119	4806 130 37094	C491	Elco 220 μF x 16V	4806 124 27249
D411	BZX 79/C6V2	4806 130 37051			
D413	BAX 18A	4806 130 37107	R517	Res 240Ω x 0,33W	4806 116 57047
			R527	Pot. 20KΩ/switch	4806 101 57027
			<b>VARIOUS</b>		
S415		4806 157 47041	SK1	Wave selector switch	4806 277 27048
S416		4806 157 47059	SK3	Ambio switch	4806 277 27049
S417		4806 157 47010	SK4	Mains socket/switch	4806 265 27011
S418		4806 157 47045	BUO1	Headphone socket	4806 266 27008
S420		4806 156 37027	FZ426	Cer. filter 10,7MHz	4806 242 77003
S421		4806 158 67025	VL437	Fuse 250mA	4806 253 37020
S422		4806 156 37028	S434	Loudspeaker 8Ω	4806 240 37013
S423		4806 156 37020	T438	Transformer	4806 145 27022
S425		4806 153 57009			
S428		4806 153 57028	IC403	TDA 1220B	4806 209 87203
S429		4806 157 47060	IC404	U 411B	4806 209 87089
S431		4806 156 17074			
S432		4806 156 47014			
S433		4806 156 17075			

