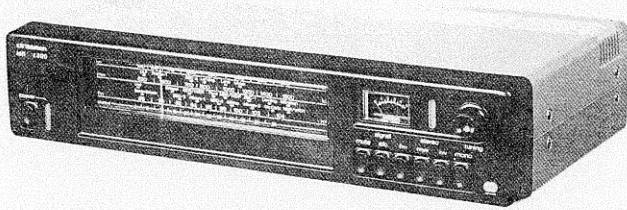




# Teleton

## SERVICE MANUAL

### LW/MW/FM 3 Band Stereo Tuner MODEL T-300



TELETON Electro GmbH. + Co. KG  
4000 Düsseldorf-Rath Oberhausener Str. 17  
Tel. (0211) 65 30 81 TX858 6768

TELETON Electro (UK) Co., Ltd.  
Teleton House, Waterhouse Lane,  
Chelmsford/Essex  
Tel. Chelmsford 62 442 TX93 338

Technical Service Organization  
Waterhouse Lane, Chelmsford, Essex.  
Tel. 0245-54621 TX99338

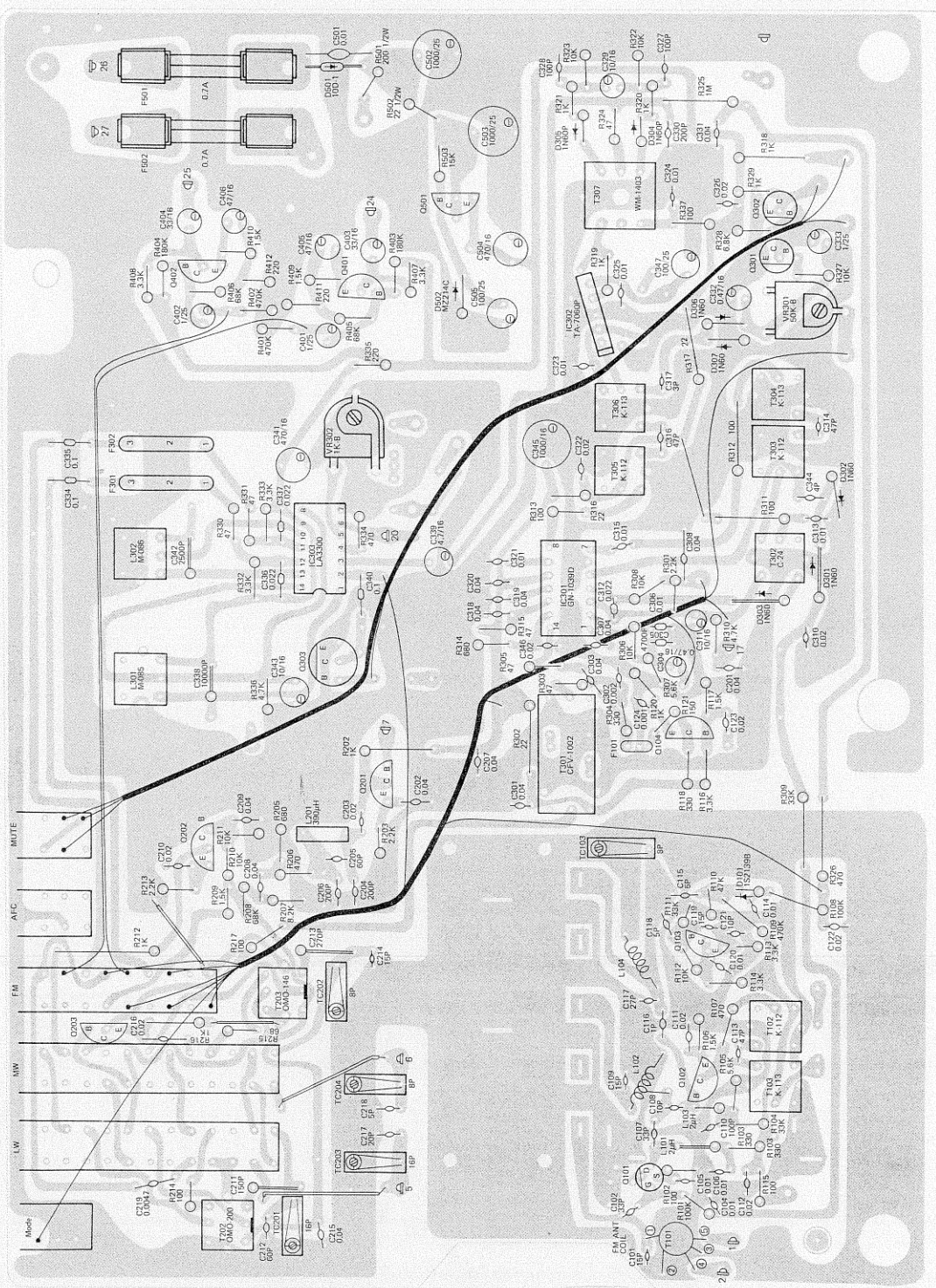
TELETON N.V.  
2200 Borgerhout Belgium  
Prins-Leopold-Straat 28  
Tel. 03/361045 TX32508  
03/357670

TELETON NEDERLAND  
Nieuwe Herengracht 119 Amsterdam  
Tel. 24 83 81

TELETON Electro (France) S.a.r.l.  
21 rue Paul Lafargue 94 Kremlin-Bicêtre  
Tel. 726 4091

TRANSACO AG  
Kanzleistrasse 126 8004 Zürich  
Tel. 39 45 60/23 50 40 TX52 362

### P. C. BOARD(TOP VIEW)



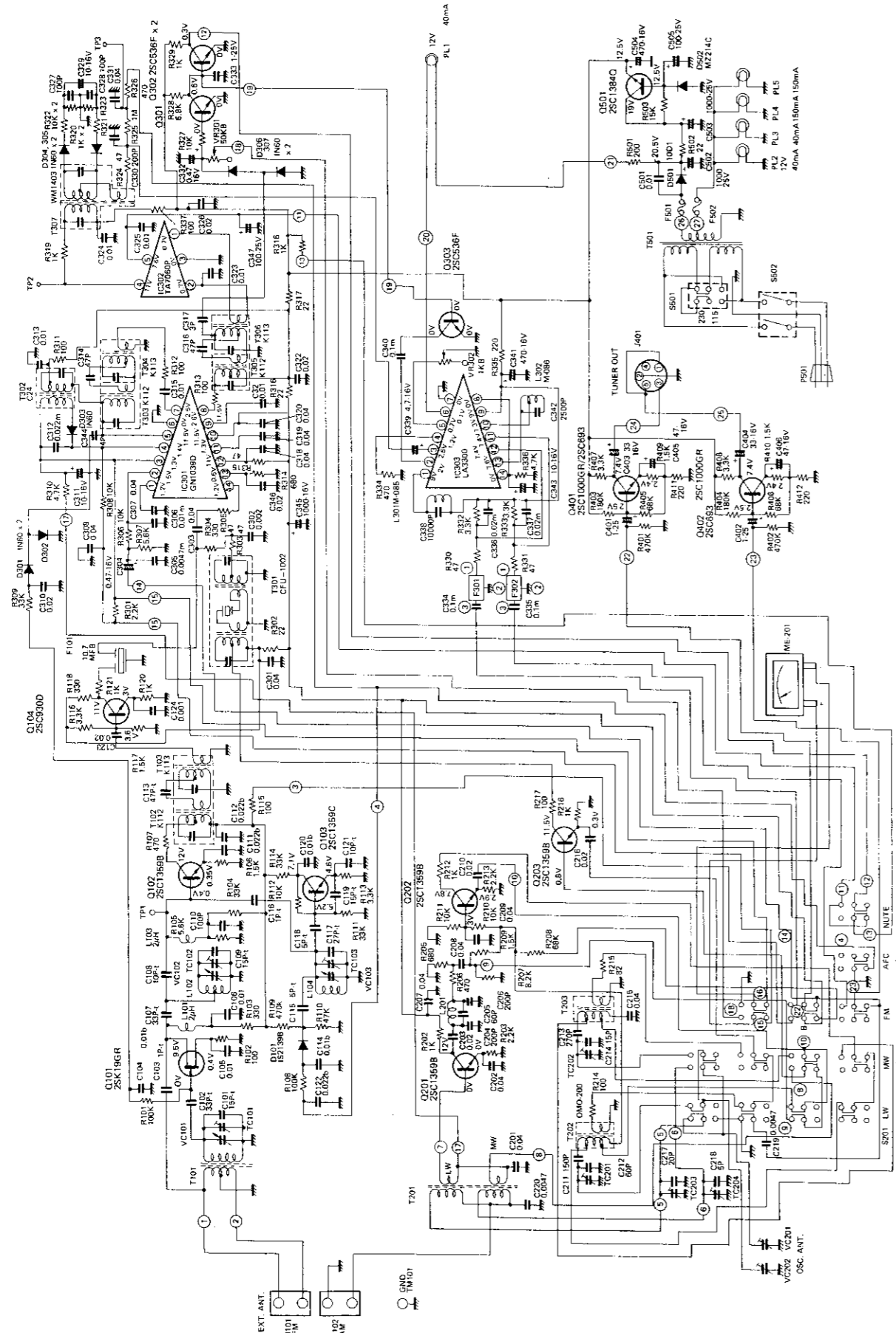
- TRANSISTORS
- 2SK-19-GR or 2SK-3E or 2SK-41F
  - 0101 2SK 303 2SK586F
  - 0102 201
  - 0103 203
  - 0104 2SC3930
  - 0401 402 2SC883F-U or 2SC1006-GR
  - 0501 2SC1384-GR
- RESISTORS
- 25K-19-GR or 25K-3E or 25K-41F
  - 25C1388 or 25C300E
  - 25C1390 or 25C300E
  - 25C3930
  - 25C883F-U or 25C1006-GR
  - 25C1384-GR
- CONDENSATORS
- 0101 201
  - 0102 203
  - 0103 203
  - 0104 203
  - 0401 402
  - 0501 402



# SPARE PARTS LIST

(Standard Parts Resistors, Capacitors are not listed here.)

## SCHEMATIC DIAGRAM



Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
<b>A. Chassis Parts</b>					
	R610406	Chassis	Q102, 201		Transistor 2SC1359B or 2SC930E
S502	R429085	Power Switch (push type)	202, 203		
PL2, 3	R411073	Pilot Lamp (12V 40mA)	Q103		Transistor 2SC1359C or 2SC930E
PL1	R411069	Pilot Lamp (12V 40mA)	Q104		Transistor 2SC930D
	H677053	Small Pulley - G	Q301, 302, 303		Transistor 2SC536F
	R530454	Pilot Lamp P. C. Board	Q401, 402		Transistor 2SC673F-U or 2SC1000GR
PL4, 5, 6	R411074	Pilot Lamp (12V 85mA)	Q501		Transistor 2SC1384Q/R
	R860654	Dial Plate	D304, 305		Diode IN60P
ME201	R590075	Tuning Meter	D301, 302		Diode IN60
	R671065	Tuning Shaft	D501		Silicon Diode 10D1 or IN4002
	R633279	Small Pulley Holder	D101		Vari-Cap IS2139B
	H677051	Small Pulley - E	D502		Zener-Diode MZ214C
T501	R110167	Power Transformer	IC301		IC GN-1039D
HF-300	H810231	P. C. Board Spacer (5mm)	IC302		IC TA7060P
	R676202A	P. C. Board Spacer (6.5mm)	IC303		IC LA3300
T201	R180289	AM Antenna Coil	F301, 302	R290011	38 kHz Twin Filter
	R811198	Core Holder	H430028		Fuse Holder
	R651908	Antenna Holder	F501, 502	H412001	Fuse 0.7A
	R644042	Pulley	L102		FM RF Coil
	R877109	Pointer	L104		FM OSC Coil
	R440095	AC Line Cord	T101		FM Antenna Trans.
	R811474	Cord Stopper	VC101, 102, 103	R2601016	Variable Capacitor
P501	R435007	KEMA Plug	104, 105		
S501	H425020	Slide Switch	L101, 103	R144001	Choke Coil
J401	R438012	DIN 5P Jack	TC103, 202, 204	R213006	Trimmer Capacitor 1T8M
J101	R439021	AM Antenna Jack	TC201, 203	R213014	Trimmer Capacitor 1T16M
J102	R439022	FM Antenna Jack	S201a ~ f	R429087	Selector Switch (push type)
TM101	R921022	GND Screw			
<b>B. Cabinet</b>					
	R840707	Upper Cabinet	T203	R160146	MW OSC Coil OMO-146
	R840719	Lower Cabinet	T202	R160200	LW OSC Coil OMO-200
	R651917	Cabinet Mounting Metal	F101	R153011	FM Ceramic Filter 10.7 MFB
	R830595	Rubber Leg	T301	R153003	AM Ceramic Filter CFU-1002
	R811442	Dial Window	T302	R151031	AF IFT C-24
	R871382	Tuning Knob	T102, 303, 305	R15124	FM IFT K-112
	R811444	Indicator Cover (Orange)	T103, 304, 306	R15125	FM IFT K-113
	R811459	Indicator Cover (Green)	T103, 304, 306		
	R871405	Push Switch Knob	T307	R151057	FM IFT WM-1403
	R840706	Front Panel	VR301	R382039	Semi-Fixed Resistor 50 kΩB
	R811464	Cushion	VR302	R382040	Semi-Fixed Resistor 1 kΩB
	R885778	Inside Carton	L301	R151085	19 kHz Coil M-085
	R885779	Master Carton	L302	R151086	38 kHz Coil M-086
	R890656A	AC Line Cord Caution Label			
<b>C. P. C. Board</b>					
HF-300	R530452	High Frequency Circuit P. C. Board			
Q101		FET 2SK-19GR or 2SK-33E or 2SK-41F			