

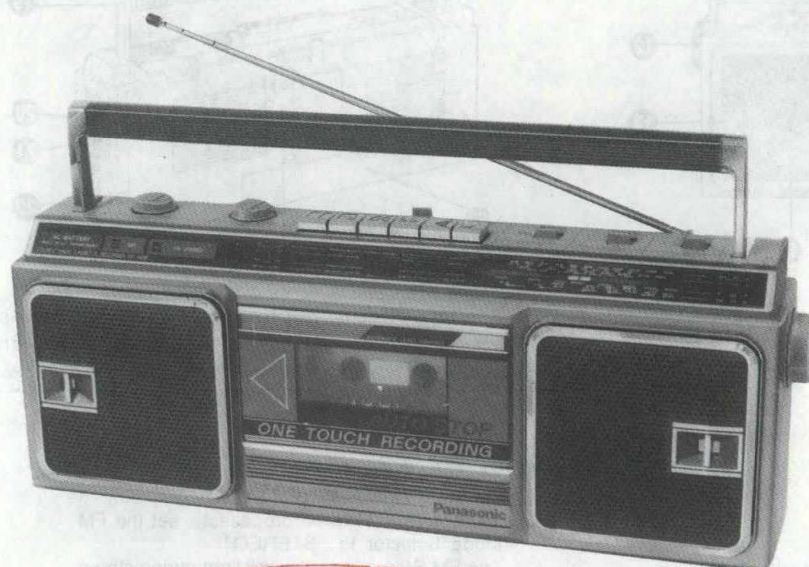
Service Manual

Radio Cassette

RX-4936L

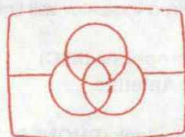
(Black) (Silver)

Stereo Radio Cassette Recorder



This is the Service Manual for the following areas.

- Z** ...For all European areas except **E** **I** **G** **Y**.
- E** ...For United Kingdom.
- I** ...For Italy.
- G** ...For F.R. Germany.
- Y** ...For Spain and Greece.



Free service manuals
Gratis schema's

Digitized by

www.freeservicemanuals.info

Color Variation

Z	E	I	G	Y
Black Silver	Silver	Black Silver	Black Silver	Black Silver

■ SPECIFICATIONS

General:

Power Requirement: AC: **Z I G Y**220V, 50Hz
E240V, 50Hz
 Battery, 9V (Six "D" Size Flashlight Batteries)
 (Panasonic UM-1 or equivalent)

Power Consumption: 14W (AC only)

Power Output: 7W (3.5Wx2) ...MPO
 7W (3.5Wx2) ...RMS (max.)

Speaker: 12cm (5") PM Dynamic Speaker (3Ω)
 1.5cm (9/16") Ceramic Speaker Tweeter (2.5KΩ)

Output: Headphones; 32Ω, ϕ3.5

Dimensions: 463(W) × 233(H) × 104(D)mm
 (18 3/16" × 9 1/8" × 4 1/16")

Weight: 2.5kg (5 lb 5 oz) without batteries

Radio Section:

Radio Frequency Range: FM: 87.5~108MHz
 LW: 148.5~285kHz (2020~1052m)
 MW: 520~1610kHz (577~186m)
 SW: 5.9~18MHz (50.8~16.7m)

Intermediate Frequency: FM; 10.7MHz

AM (LW/MW/SW); 455kHz
 (470kHz ...**E** only)

Sensitivity: FM; 3.2μV/50mW output
 (-3dB Limit Sens)
 LW; 141μV/m/50mW output
 MW; 125μV/m/50mW output
 SW; 7.9μV/50mW output

Tape Deck Section:

Frequency Response: 80~11,000Hz (with normal tape)

Recording System: AC bias, Magnet erase

Tape Speed: 4.8cm/s, (1 7/8ips)

Track System: 4-track 2 channel stereo recording and playback

**Fast Forward and
Rewind Time:**

Approx 95 seconds with C-60 cassette tape

Design and specifications are subject to change without notice.

Panasonic

Matsushita Electric Trading Co., Ltd.
P.O. Box 288, Central Osaka Japan

LOCATION OF CONTROLS AND COMPONENTS

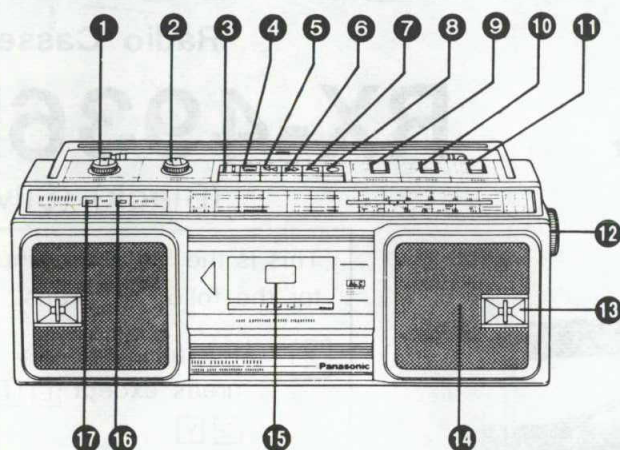


Fig. 1

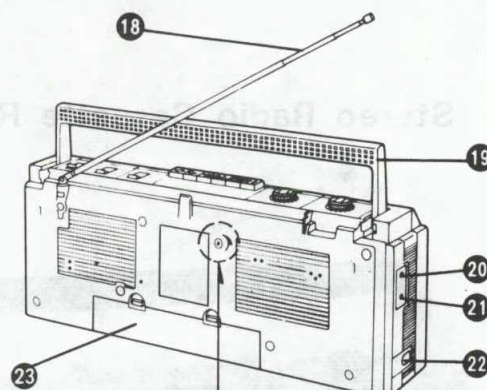


Fig. 2

When the tape is caught in the pinch roller, etc. Release the tape by turning the pulley on the motor with the screwdriver in the direction of the arrow.

- 1 Volume Control (VOLUME)
- 2 Tone Control (TONE)
- 3 Pause Button (II PAUSE)
- 4 Stop/Eject Button (STOP/EJECT)
- 5 Fast Forward/Cue Button (FF/CUE)
- 6 Rewind/Review Button (REW/REV)
- 7 Playback Button (PLAY)
- 8 Record Button (RECORD)
- 9 Function Selector (SELECTOR)
- 10 FM Mode Selector/Beat Proof Switch (FM MODE/B.P)
- 11 Band Selector (BAND)
- 12 Tuning Control (TUNING)
- 13 Speakers [Tweeter] 1.5cm (5/16") 2.5K Ω
- 14 Speakers [Woofer] 12cm (5") 3 Ω

- 15 Cassette Compartment
- 16 FM Stereo Indicator (FM STEREO)
To receive FM stereo broadcasts, set the FM Mode Selector to "STEREO"
The FM Stereo Indicator will light during stereo broadcasts.
- 17 Built-in Microphone (MIC)
- 18 Telescopic Antenna
- 19 Handle
- 20 Headphones Jack (PHONES) 32 Ω ϕ 3.5
- 21 DIN Connector Jack (REC/PLAY)
- 22 AC Socket (AC IN ~)
- 23 Battery Compartment

DISASSEMBLY INSTRUCTIONS

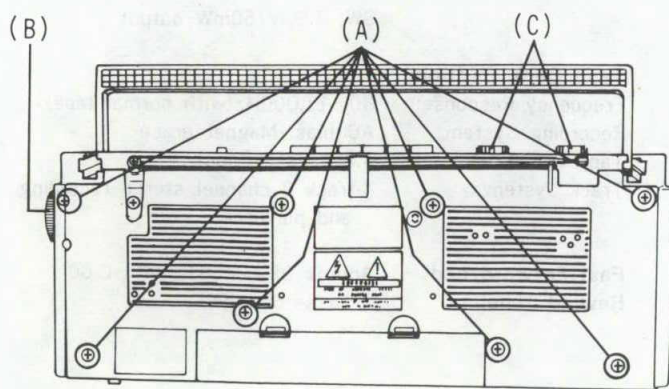


Fig. 3

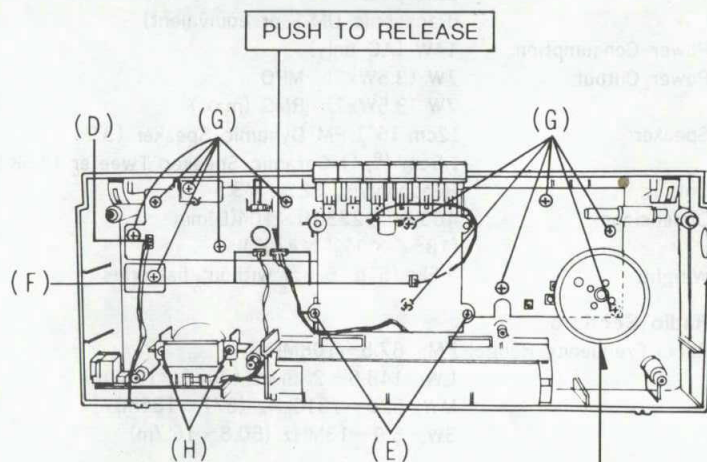


Fig. 4

Notes:

1. Set the variable capacitor to minimum position.
2. Turn the tuning knob clockwise to end scale position.
3. Before inserting radio PWB into front cabinet, it must be assured that the shaft of Variable capacitor inserts into the cavity of tuning knob completely.

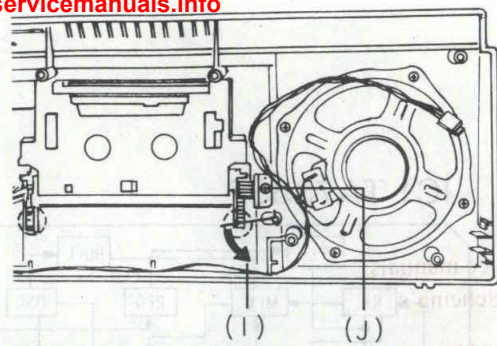


Fig. 5

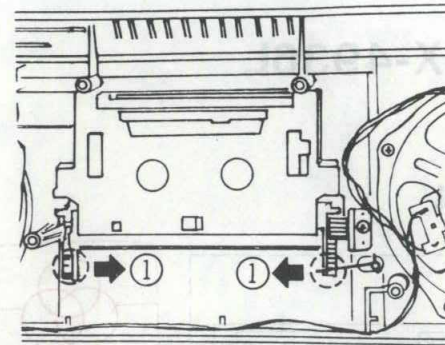
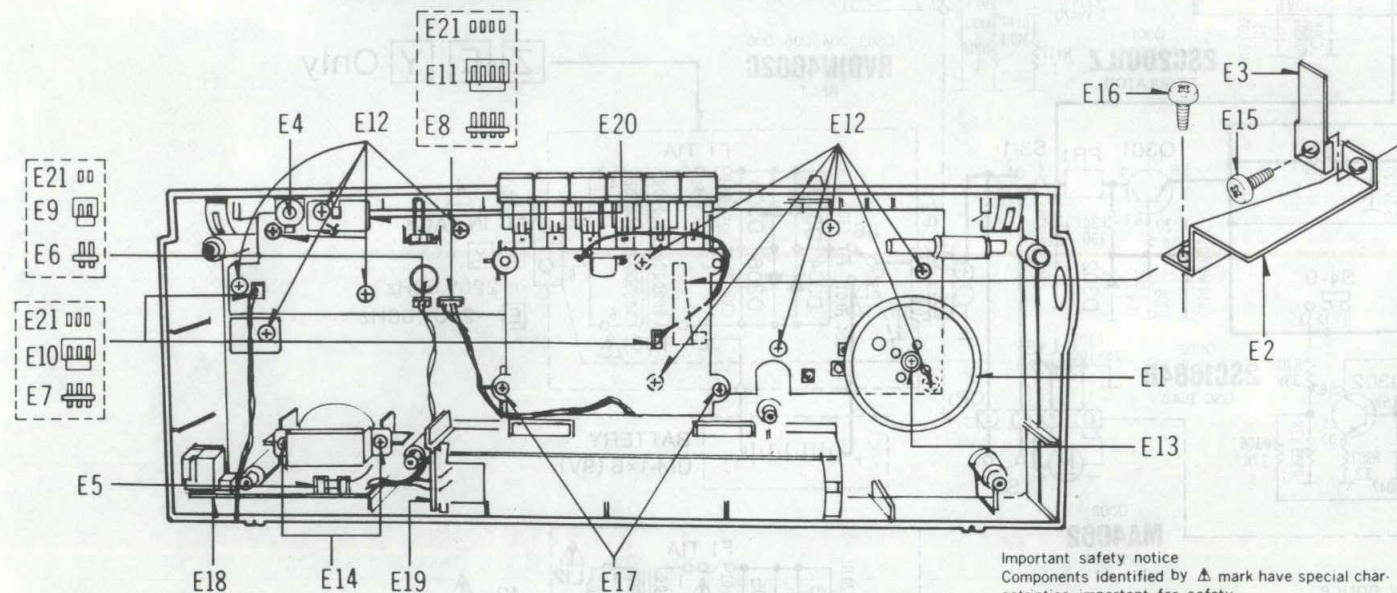


Fig. 6

Ref. No.	Shown in Fig.—	To remove—	Remove
1	3	Front Cabinet	Screw(3×30)mm(A)×8
2			Pullout the tuning knob(B)×1
3			Pullout the volume and tone knob(C)×2
4			Socket.....(D)×1
5	4	P.W.B. & Mechanism	Screw(3×12)mm(E)×2
6			Socket.....(F)×3
7			Screw(3×8)mm(G)×12
8			Screw(3×12)mm(H)×2
9	5	Cassette Panel	Spring(I)×1
10			Screw(3×12)mm(J)×1
11	6		To remove Cassette Panel, Push the rib in the direction of arrow


ELECTRICAL PARTS LOCATION



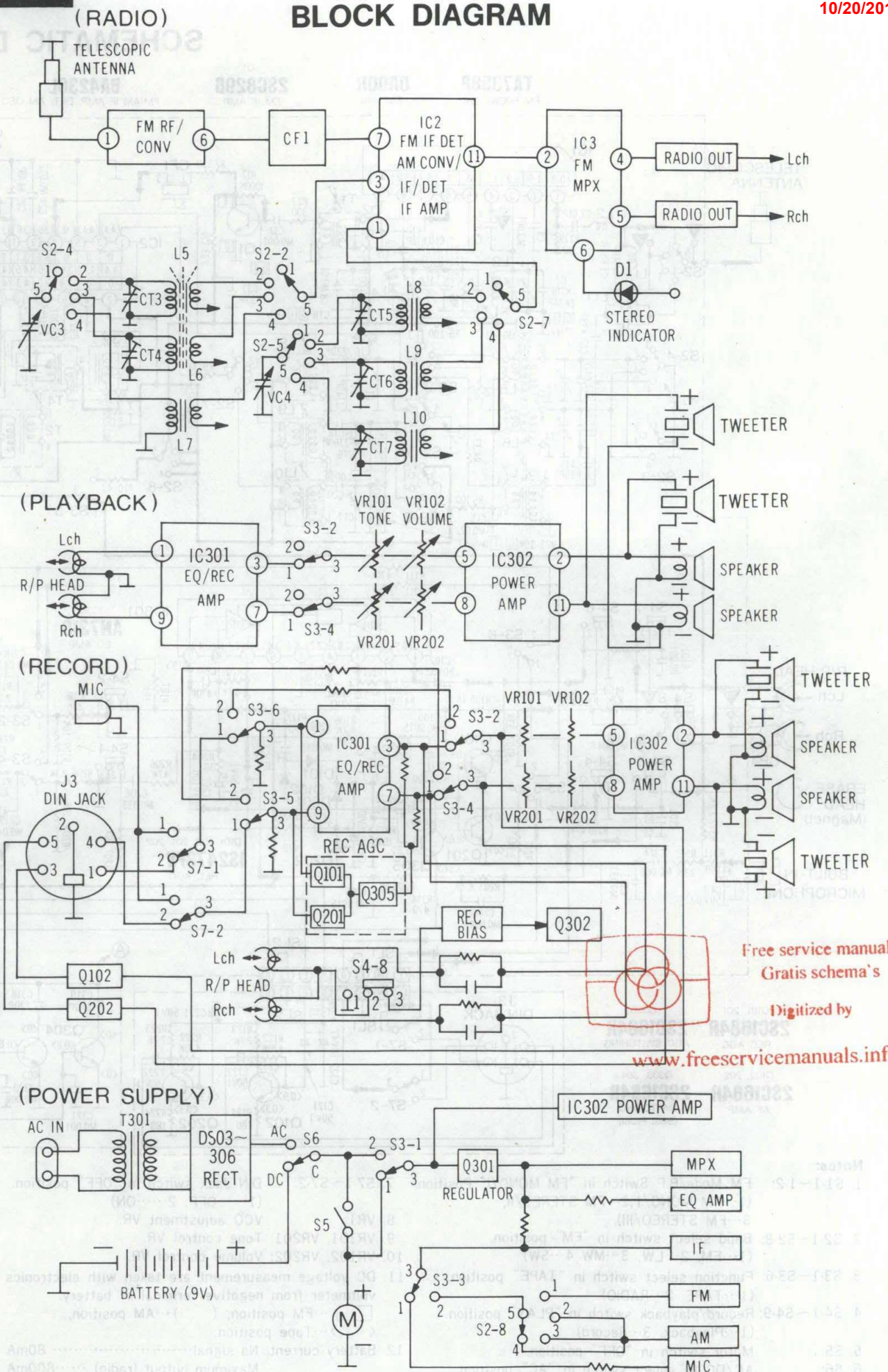
■ REPLACEMENT PARTS LIST

(T) Mark stands for that the pares are supplied in TAMACO.

Ref. No.	Part No.	Part Name & Description	Ref. No.	Part No.	Part Name & Description			
	ELECTRICAL PARTS					E14	XTW3+12C	Screw P.W.B.
E1(T)	RDG204TZ	Drum Gear	E8	RJP4G1Z	Plug 4P	E15	XTN3+6C	Screw R/P Spring
E2(T)	RMDO05TZ	R/P Angle	E9	RJS2L1Z	Socket 2P	E16	XTN2+4F	Screw R/P Angle
E3(T)	RUS202TZ	R/P Spring	E10	RJS3L1Z	Socket 3P	E17	XTW3+12C	Screw Deck
E4(T)	RJM142Y	Microphone	E11	RJS4T1Z	Socket 4P	E18(T)	RUP263TZ-a	Power P.C.B. (Without Electrical Parts) Δ
E5(T)	SJT34	Fuse Holder Δ	E12	XTW3+8CR	Screw P.W.B.	E19(T)	RUP263TZ-b	P. C. B. Battery
E6	RJP2G1Z	Plug 2P	(E12,14,17)	XWG3	Washer. (Service Parts only)	E20(T)	RUP262TZ-b	P. C. B. LED
E7	RJP3G1Z	Plug 3P	E13	XYN26+C6	Screw Drum	E21	RJT462Z	Contact
			(E13)	XWA26B	Washer. (Service Parts only)			

Important safety notice
Components identified by  mark have special characteristics important for safety.
When replacing any of these components, use only manufacturer's specified parts.

BLOCK DIAGRAM



201



—



ELECTRICAL PARTS LIST

Numbering System of Resistor

Example	25	F	J	101
ERD	Wattage	Shape	Tolerance	Value (100 Ω)
ERX	2	AN	J	2R2
Type	Wattage	Shape	Tolerance	Value (2.2 Ω)

Numbering System of Capacitor

Example	1H	102	Z	F
ECKD	Voltage	Value (1000 pF)	Tolerance	Peculiarity
ECEA	50	M	R47	
Type	Voltage	Peculiarity	Value (0.47 μF)	

Resistor Type	Wattage Tolerance
ERD: Carbon	10 : 1/2 WJ : ±5%
ERG: Metal Film	12 : 1/2 W
ERX: Metal Film	25 : 1/2 W
ERQ: Fuse Type Metal	1 : 1 W
RRD: Carbon (Chip Type)	18 : 1/2 W

Capacitor Type	Voltage		Tolerance
	ECEA Type	Other	
ECEA: Electrolytic	0J : 6.3 V	2H : 500 V DC	C : ±0.25pF
ECCD: Ceramic	1A : 10 V	1 : 100 V	J : ±5%
ECKD: Ceramic	1C : 16 V	DKC : 400 V AC	K : ±10%
ECQM: Polyester	1E : 25 V		Z : +80%
	1H : 50 V		-20%
ECQP: Polypropylene	1V : 35 V		P : +100%
	50 : 50 V		-0%
ECET: Electrolytic	25 : 25 V		
ECEA□□□□N: Non Polar Electrolytic	16 : 16 V		
QCUC: Ceramic (Chip Type)			
ECUX: Ceramic (Chip Type)			

- [Z]...For all European areas except [E][I][G][Y]
 [E]...For United Kingdom.
 [I]...For Italy.
 [G]...For F.R. Germany.
 [Y]...For Spain and Greece.

Ref. No.	Part No.	Ref. No.	Part No.	Ref. No.	Part No.	Ref. No.	Part No.	Ref. No.	Part No.
RESISTORS				CAPACITORS					
R117,217	ERDS2TJ100	R109,209, 121,221	ERDS2TJ392	C5	ECCD1H050CC	C4,6,32, 37,101,115,	ECKD1H102MD	C39,104,114, 120,121,122, 204,214,220, 221,222	ECEA50Z1
R307	ERDS2TJ100	R23□□	ERDS2TJ392	C2	ECCD1H060CC	201,215,310, 321,322			
R4,9,104, 204,309	ERDS2TJ330	R15,106,110, 113,206,210, 213	ERDS2TJ472	C14,21	ECCD1H070DC				
R8,10	ERDS2TJ470	R13	ERDS2TJ562	C3	ECCD1H120K	C105,205	ECKD1H152MD	C26	ECEA1EK4R7
R24,302	ERDS2TJ560	R103,203	ERDS2TJ820	C19	ECCD1H150KC	C317	ECQS05242JZ	C35,301	ECEA1CS100
R119	ERDS2TJ820	R19,107,207, 305	ERDS2TJ103	C10	ECCD1H180KC	C20	ECQS05392JZ	C302	ECEA0CS220
R5,6,118, 218,311	ERDS2TJ101	R12	ERDS2TJ153	C7□□□□	ECCD1H200KC	C106,206,314	ECKD1H472MD	C112,212	ECEA1JS330
R124,224	ERDS2TJ151	R21	ERDS2TJ183	C7□□□□	ECCD1H240KC	C303,304,305, 306	ECKD1H103ZF	C313,322	ECEA1AS470
R3,116,216	ERDS2TJ221	R306	ERDS2TJ223	C11□□□□	ECCD1H220JC	C8,29,315	ECFVD103MD	C36,107,113, 207,213	ECEA1AS101
R301	ERDS2TJ391	R303	ERDS2TJ273	C33	ECCD1H330KC	C34,38, 110,210	ECFVD153MD	C307,312	ECEA1CS101
R112,312,314	ERDS2TJ471	R11	ERDS2TJ563	C22	ECCD1H390KC	C15,23,24, 27,30	ECFVD223MD	C31,309, 311,316	ECEA1CS222
R20	ERDS2TJ561	R101,201	ERDS2TJ823	C9,13	ECCD1H470KC	C28,108, 208,323	ECFVD333MD	C116,216	ECEA0JS471
R18	ERDS2TJ681	R111,211	ERDS2TJ334	C1,41	ECCD1H560KC	C111,211,324	ECFVD683MD	C308	ECEA1CS222
R105,115, 205,215,308	ERDS2TJ102	R122,222	ERDS2TJ474	C16	ECQS05141JZ	C117,217	ECFVD104MD		
R33	ERDS2TJ152	R17	ERDS2TJ106	C18	ECQS05361JZ	C43,109, 209	ECEA50ZR1		
R7,14,15, 114,214	ERDS2TJ222	R310	ERDS2TJ106	C319	ECQS05371JZ	C102,202	ECEA50ZR1		
R123,223	ERDS2TJ272			C25,103,203	ECKD1H471KB				
R102,108,202, 208,312,313	ERDS2TJ332			C12	ECKD1H102KB				
				C40	ECQS05102KZ				

REPLACEMENT PARTS LIST

(T) Mark stands for that the parts are supplied in TAMACO.
().....Supply Parts Number

Important safety notice
Components identified by Δ mark have special characteristics important for safety.
When replacing any of these components, use only manufacturer's specified parts.

Ref. No.	Part No.	Part Name & Description	Ref. No.	Part No.	Part Name & Description	Ref. No.	Part No.	Part Name & Description
INTEGRATED CIRCUIT, TRANSISTORS AND DIODES			COILS AND TRANSFORMERS					
IC1	RVITA7358P	IC	L4(T)□□□	RLD4Y43	Coil, Oscillator FM	CT3	RCVTZ30F	Trimmer
IC2	RVIBA4236L	IC	L4(T)□□□	RL04N148	Coil, Oscillator FM	CT5	RCVTZ20F	Trimmer
IC3	RVIBA4236L	IC	L5,6(T)	RLF6W7	Coil, Antenna MW	CT7	RCVTZ11F	Trimmer
IC301	RVIBA1332L	IC	L7(T)	RLA3B41	Coil, Antenna SW	CT8□□□	RCVTZ10ZF	Trimmer
IC302	RVIBA1332L	IC	L8(T)	RL01B12	Coil, Oscillator LW	CERAMIC FILTER		
Q1	2SC829B	Transistor (Si)	L9(T)	RL02B86	Coil, Oscillator MW	CF1(T)	RVFSFE107MAZ	Ceramic Filter
Q101,102	2SC1684R	Transistor (Si)	L10(T)	RL03B87	Coil, Oscillator SW	FUSE		
201,202			L11	RLQY30S4	Coil, Choke	F1	XBA2C10TRO	Current FuseΔ
302,303			L12,13□□□	RLQZZ4701	Coil, Choke Δ	SPEAKER		
304,305			L14□□□	RLQY30S1	Coil, Choke	SP1(T)	EAS12P311T	Speaker, 12cm (5") 3 Ω
Q301	2SC2001L2	Transistor (Si)	L15	RLQZD101KV	Coil, Choke	SP2(T)	RAF15DA10CB	Tweeter, 1.5cm (5/8") 2.5K Ω
D1(T)	RVDL562HDT12	Diode (Ge)	T1,2(T)	RLI4B153	IFT, FM	SWITCHES		
D2(T)	20A90	Diode (Ge)	T3(T)	RLI2B216	IFT, MW	S1-1~1-2(T)	RST3B30Z	Mode Switch
D101,201	1S2473FV	Diode (Ge)	T4(T)	RLI2B217	IFT, MW	S2-1~2-8(T)	RST4H16Z	Band Switch
D302	MA4062	Diode (Ge)	T301(T)□□□□□	RLT5K3G18A	Power TransformerΔ	S3-1~3-6(T)	RST2F15Z	Function Switch
D303,304, 305,306(T)	RVDA14002	Diode (Ge)	T302(T)□	RLT5K3A9A	Power TransformerΔ	S4-1~4-9(T)	RSH2I02Z	R/P Switch
PR1	RAH1CPN5	PROTECTOR	T302(T)	RL09B14M	Coil, Oscillator	S5	RFA71Z	Motor Switch
			VR1(T)	VARIABLE RESISTOR		JACK		
			VR101,201(T)	RVNA53B2	Variable Resistor, 5K Ω (B)	J1	RJJD7S2Z	Jack, Headphones
			VR102,202(T)	RVV2B6A54	Variable Resistor, 50K Ω (A) Volume Control	J2(T)□□□□□	RJJ1A4Y	Jack, AC INΔ (With Battery in Jack S6)
			VC1-4(T)	VARIABLE CAPACITOR		J2(T)□	RJJ1A5Z	Jack, AC INΔ (With Battery in Jack S6)
				RCV4RC2Q1A	Tuning Capacitor W/Trimmer Capacitor (CT1,2,4,6)	J3(T)	RJS5J6Z	Din Jack

MEASUREMENTS AND ADJUSTMENTS

ALIGNMENT INSTRUCTION

READ CAREFULLY BEFORE ATTEMPTING ALIGNMENT	
1. Set volume control to maximum.	6. Set fine tuning to center.
2. Set tone control to treble.	7. Set power source voltage to 9V DC.
3. Set band switch to LW, MW, SW or FM ST.	8. Output of signal generator should be no higher than necessary to obtain an output reading.
4. Set balance control to center.	
5. Set function selector to radio.	

LW, MW and SW ALIGNMENT

BAND	SIGNAL GENERATOR or SWEEP GENERATOR	RADIO DIAL SETTING	INDICATOR (ELECTRONICS VOLTMETER or SCOPE)	ADJUSTMENT	REMARKS
AM-IF ALIGNMENT					
(1) MW	Fashion loop of several turns of wire and radiate signal into loop of receiver.	455kHz (470kHz ...[E] only) 30% Mod. at 400Hz	Point of non-interference. (on/about 600kHz)	Output meter across voice coil.	T3 (MW 1st IFT) T4 (MW 2nd IFT) Adjust for maximum output.
LW-RF ALIGNMENT					
(2) LW	"	136kHz (138kHz ...[I][G] only)	Tuning capacitor fully closed.	"	L8 (LW OSC Coil) "
(3) LW	"	297kHz	Tuning capacitor fully open.	"	CT5 (LW OSC Trimmer) "
(4) LW	"	145kHz	Tune to signal.	"	(*1 L5 (LW ANT Coil) Adjust for maximum output. Adjust L5 by moving coil bobbin along ferrite core.
(5) LW	"	285kHz	"	"	CT3 (LW ANT Trimmer) Adjust for maximum output. Repeat steps (2)~(5).
MW-RF ALIGNMENT					
(6) MW	"	511kHz (515kHz ...[I][G] only)	Tuning capacitor fully closed.	"	L9 (MW OSC Coil) Adjust for maximum output.
(7) MW	"	1,650kHz	Tuning capacitor fully open.	"	CT6 (MW OSC Trimmer) "
(8) MW	"	550kHz	Tune to signal.	"	(*1 L6 (MW ANT Coil) Adjust for maximum output. Adjust L6 by moving coil bobbin along ferrite core.
(9) MW	"	1,500kHz	"	"	CT4 (MW ANT Trimmer) Adjust for maximum output. Repeat steps (6)~(9).

(*1). Cement antenna bobbin with wax after completing alignment.

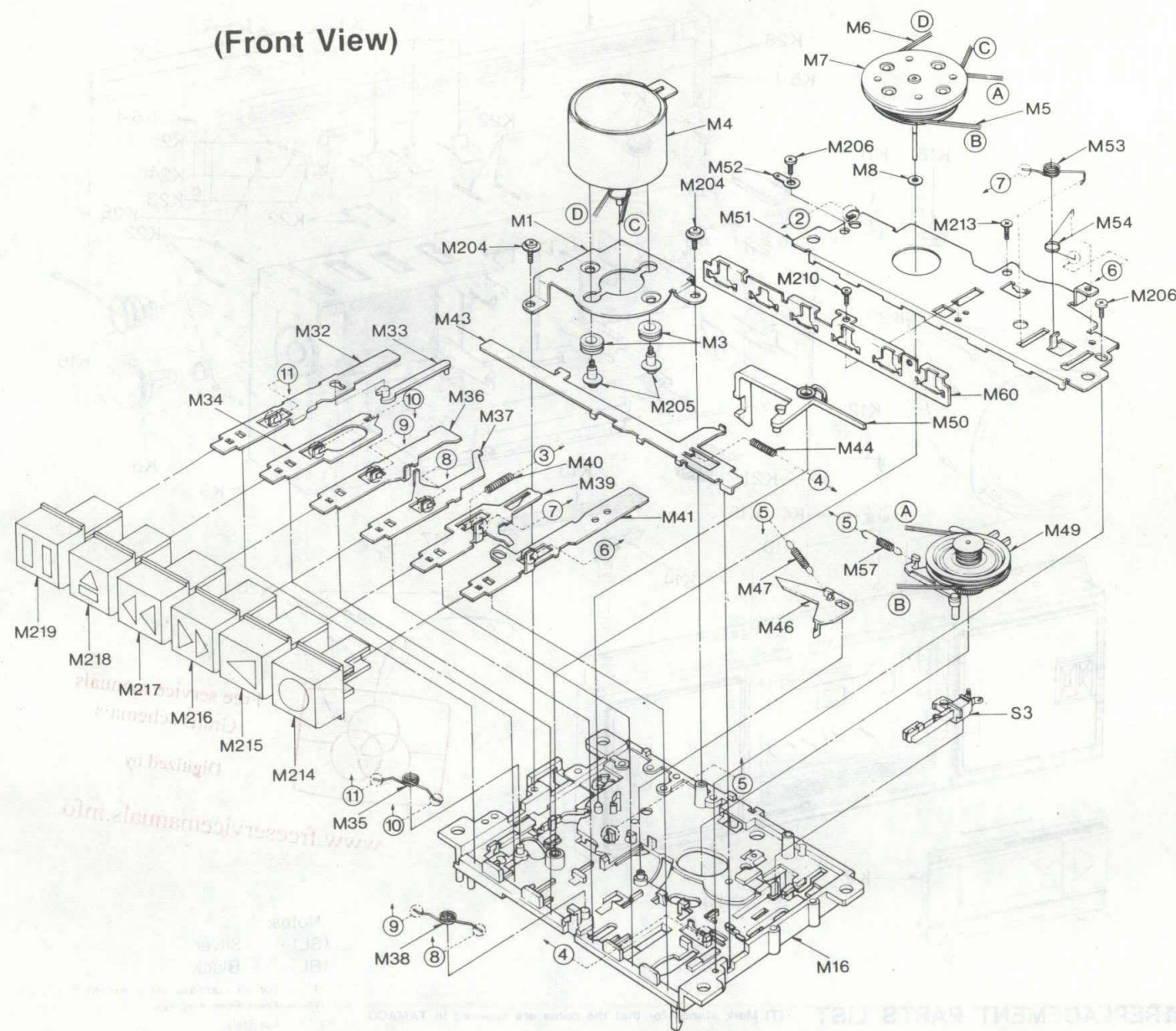
SW-RF ALIGNMENT					
(10) SW	Connect to test point ▽ through ceramic capacitor (10pF). Negative side to test point ▽.	5.75MHz	Tuning capacitor fully closed.	"	L10 (SW OSC Coil) Adjust for maximum output.
(11) SW		18.8MHz	Tuning capacitor fully open.	"	CT7 (SW OSC Trimmer) "
(12) SW		5.9MHz	Tune to signal.	"	L7 (SW ANT Coil) Adjust for maximum output. Repeat steps (10)~(12).

FM ALIGNMENT

BAND	SIGNAL GENERATOR or SWEEP GENERATOR	RADIO DIAL SETTING	INDICATOR (ELECTRONICS VOLTMETER or SCOPE)	ADJUSTMENT	REMARKS
FM-IF ALIGNMENT					
(1) FM	High side thru. 0.001μF to test point ▽. Negative side to test point ▽.	10.7MHz (SWP.)	Point of non-interference. (on/about 90 MHz)	Connect vert. amp. of scope to test point ▽. Negative side to test point ▽.	T1 (FM 1st IFT) Adjust for maximum amplitude. (Refer to fig. 8.)
(2) FM	"	"	"	"	T2 (FM 2nd IFT) Adjust for maximum amplitude. (Refer to fig. 9.)

MECHANISM PARTS LOCATION

(Front View)



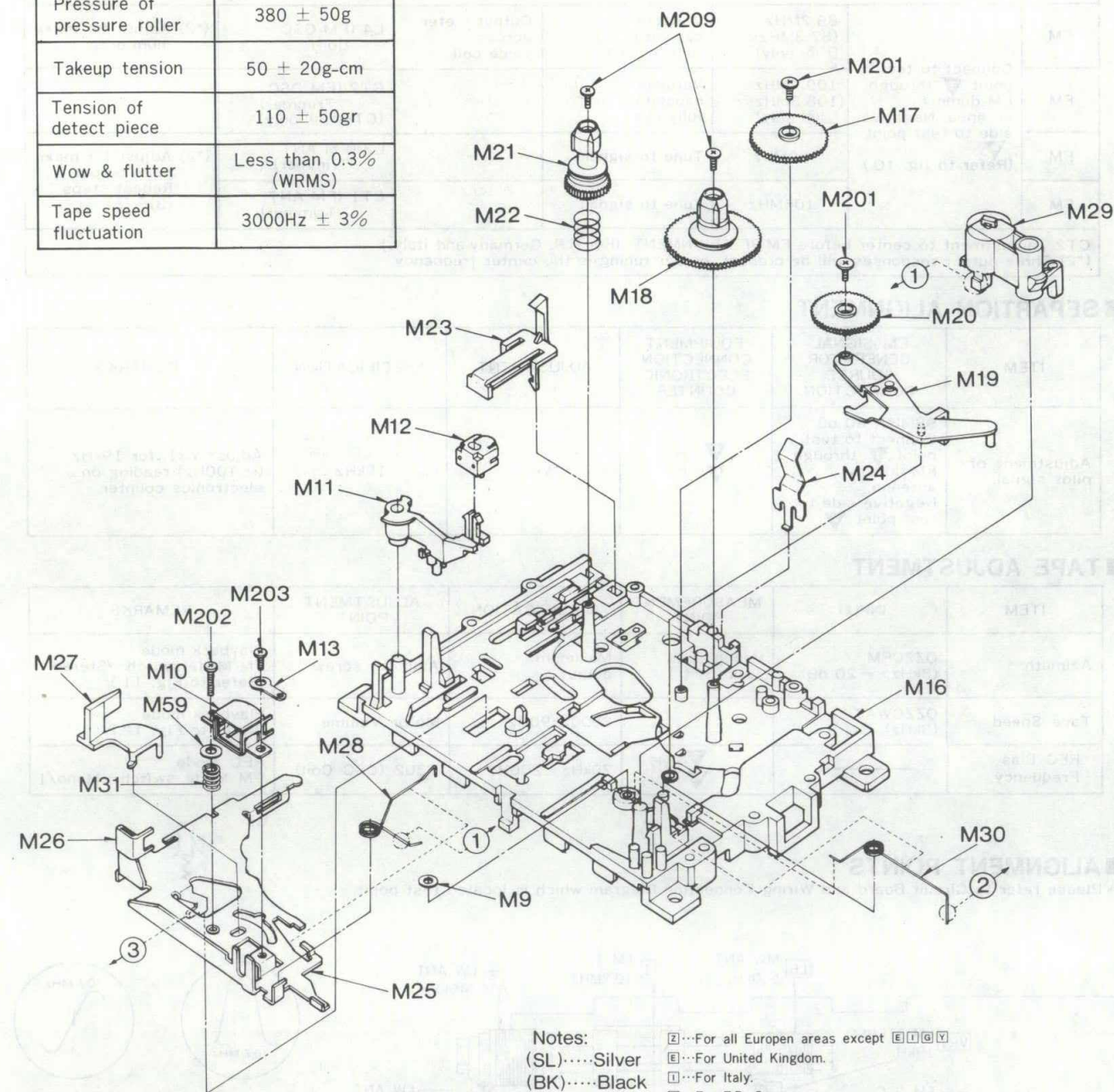
REPLACEMENT PARTS LIST

Ref. No.	Part No.	Part Name & Description	Ref. No.	Part No.	Part Name & Description
MECHANICAL PARTS					
M1	RFD270Z	Motor Plate	M22	RFS631Z	Spring
M3	RFI43Z	Rubber Cushion	M23	RFY692Z	Inter Lock Arm
M4(T)	RFM87Z	Motor Ass'y	M24	RFS632Z	Cassette Spring
M5	RFB72Z	Belt	M25	RFU90Z	Head Base
M6	RFB73Z	Belt Flywheel	M26	RFE294Z	Tape Guide
M7	RFF43Z	Flywheel Ass'y	M27	RFE295Z	Tape Sensor
M8	RFN114Z	Flywheel Washer	M28	RFS633Z	Pinch Arm Spring
M9	RFN168Z	Washer	M29	RFR39Z	Pinch Arm Ass'y
M10	RJH4C33Y	R/P Head	M30	RFS634Z	Earth Spring
M11	RFY691Z	Erase Head Arm	M31	RFS635Z	Azimuth C. Spring
M12	RJH2C15XY	Erase Head	M32	RFY693Z	Pause Lever
M13	RFE293Z	Lug Plate	M33	RFY694Z	Pause Arm
M16	RFU89Z	Chassis	M34	RFY695Z	Stop, Eject Lever
M17	RFG92Z	F. F Gear	M35	RFS636Z	Spring
M18	RFJ60Z	Takeup Reel Ass'y	M36	RFY696Z	FF Lever
M19	RFY702Z	Idler Arm	M37	RFY697Z	REW Lever
M20	RFG93Z	Idler Gear	M38	RFS637Z	Spring
M21	RFJ61Z	Supply Reel	M39	RFY698Z	Play Lever
			M40	RFS638Z	Spring

SPECIFICATION

Pressure of pressure roller	380 ± 50g
Takeup tension	50 ± 20g-cm
Tension of detect piece	110 ± 50gr
Wow & flutter	Less than 0.3% (WRMS)
Tape speed fluctuation	3000Hz ± 3%

Rear View



Notes:

(SL).....Silver
(BK).....Black

②...For all European areas except ①①①①①
①...For United Kingdom.
①...For Italy.
①...For F.R. Germany.
①...For Spain and Greece.

REPLACEMENT PARTS LIST

(T) Mark stands for that the pares are supplied in TAMACO.

Ref. No.	Part No.	Part Name & Description	Ref. No.	Part No.	Part Name & Description
M41	RFY699Z	REC Lever	M205	RFE305Z	Motor Screw
M43	RFY700Z	Function Lever	M206	RFE306Z	Screw
M44	RFS639Z	Spring	M209	RFE307Z	Bush B
M46	RFY701Z	Arm	M210	RFE309Z	Screw
M47	RFS619Z	Spring	M213	RFE308Z	Bush C
M49	RFQ48Z	RF Pully Arm Ass'y	M214(T)	RBC237TZ	Button REC (SL)
M50	RFY703Z	Eject Arm	M214(T) ②①①①①	RBC237TZ1	Button REC (BK)
M51	RFU91Z	Plate	M215(T)	RBC238TZ	Button Play (SL)
M52	RFE296Z	Earth Lug	M215(T) ②①①①①	RBC238TZ1	Button Play (BK)
M53	RFS640Z	Spring	M216(T)	RBC239TZ	Button REW (SL)
M54	RFS626Z	Spring	M216(T) ②①①①①	RBC239TZ1	Button REW (BK)
M57	RFS627Z	Spacer C	M217(T)	RBC240TZ	Button FF (SL)
M59	RFE310Z	Lever Holder	M217(T) ②①①①①	RBC240TZ1	Button FF (BK)
M60	RFD271Z	Bush, Screw	M218(T)	RBC241TZ	Button Stop/Eject (SL)
M201	RFE304Z	Screw	M218(T) ②①①①①	RBC241TZ1	Button Stop/Eject (BK)
M202	XSN2+8	Screw	M219(T)	RBC242TZ	Button Pause (SL)
M203	XSN2+3	Screw	M219(T) ②①①①①	RBC242TZ1	Button Pause (BK)
M204	XTW26+8	Screw			

■ SEPARTION ALIGNMENT

■ TAPE ADJUSTMENT

■ ALIGNMENT POINTS

* Please refer to Circuit Board and Wiring Connection Diagram which is located test point.

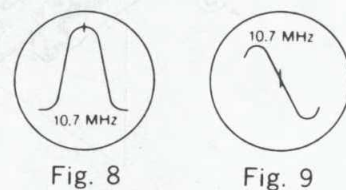


Fig. 8

Fig. 9

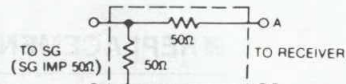


Fig. 10 FM Dummy Antenna

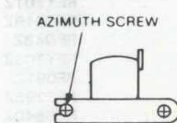


Fig. 11



Fig. 12

Free service manuals
Gratis schema's
Digitized by

www.freeservicemanuals.info

Notes:

(SL).....Silver
(BL).....Black

[Z].....For all European areas except [E][I][G][Y]

☐For United Kingdom.

1For Italy.

[G].....For F. R. Germany.

☐For Spain and Greece.

■ REPLACEMENT PARTS LIST

(T) Mark stands for that the pares are supplied in TAMACO.

Important safety notice Components identified by mark have special characteristics important for safety. When replacing any of these components, use only manufacturer's specified parts.

Ref. No.	Part No.	Part Name & Description	Ref. No.	Part No.	Part Name & Description	Ref. No.	Part No.	Part Name & Description
CABINET PARTS			K7(T)	RBN216TZ2	Volume/Tone Knob (SL)	K22	XTB3+30B	Screw, Rear Cabinet
K1(T)ZVYI	RYMX4936LZ	Front, Cabinet Ass'y (BL)	K8(T)ZGYI	RBS203TZ1	Band Knob (BL)		XWG3	Washer (K20, 21, 22, Service Parts only)
K1(T)ZVYI	RYMX4936LZ8	Front, Cabinet Ass'y (SL)	K8(T)	RBS203TZ2	Band Knob (SL)	K23	XWG3FN	Washer, Telescopic Antenna
K1(T)E	RYMX4936LZE8	Front, Cabinet Ass'y (SL) Δ	K9(T)ZGYI	RYNX4936LZ	Battery Cover Ass'y (BL)	K24	YWA3B	Washer, Telescopic Antenna
K1(T)G	RYMX4936LZG	Front, Cabinet Ass'y (BL)	K9(T)	RYNX4936LZ7	Battery Cover Ass'y (SL)	K25	XSB3+8BN	Screw, Telescopic Antenna
K1(T)G	RYMX4936LZG8	Front, Cabinet Ass'y (SL)	K10(T)	RME202TZ	Gear Holder	K26	XTB3+12C	Screw, Handle
K2(T)	RYQX4936LZ	Cover, Cassette Ass'y	K11(T)	RME204TZ	MIC Holder	ACCESSORY		
K3(T)ZVYI	RYFX4936LZ	Rear Cabinet Ass'y (BL)	K12(T)	RJS217TZ	Spring Gear Holder	A1(T)ZGYI	RJA20Z	AC Cord Δ
K3(T)ZVYI	RYFX4936LZ8	Rear Cabinet Ass'y (SL)	K13(T)	RDG580TZ	Tuning Gear	A1(T)E	RJA86Z	AC Cord Δ
K3(T)E	RYFX4936LZE8	Rear Cabinet Ass'y (SL) Δ	K14(T)	RDP226TZ	Pointer	PACKING MATERIALS		
K3(T)G	RYFX4936LZG	Rear Cabinet Ass'y (BL)	K15(T)	RJC240TZ	Terminal Battery -	P1(T)	RPK323TZ	Gift Box
			K16(T)	RJC238TZ	Terminal Battery + & -	P2(T)	RPP290TZ	Polyethylene Cover
K3(T)G	RYFX4936LZG8	Rear Cabinet Ass'y (SL)				P3(T)	RPNA1027TZ	Pad
K4(T)	SMQ4C10	Gear Cassette Cover	K17(T)	RJT230TZ	Terminal Antenna	PRINTED MATERIAL		
K5(T)ZGYI	RKX214TZ	Handle (BL)	K18(T)	QBG1526B	Gum MIC		RQX481TZ	Instruction Book
K5(T)	RKX214TZ7	Handle (SL)	K19(T)	XEARR295CBK	Telescopic Antenna			
K5-1(T)	RKX332Z	Handle Fixture	K20	XTW3+8C	Screw Speaker			
K6(T)ZGYI	RYTX4936LZ1	Tuning Knob Ass'y (BL)	K21	XTN3+6C	Screw Gear Deck	Y1(T)		
K6(T)	RYTX4936LZ2	Tuning Knob Ass'y (SL)						
K7(T)ZGYI	RBN216TZ1	Volume/Tone Knob (BL)						