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M2500

SERVICE MANUAL

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INTRODUCTION

This service manual was prepared for use by Authorized Warranty Stations and contains service information for Marantz Model 2500 Stereophonic Receiver.

Servicing information and voltage data included in this manual are intended for use by the knowledgeable and experienced technician only. All instructions should be read carefully. No attempt should be made to proceed without a good understanding of the operation of the receiver.

The parts list furnishes information by which replacement parts may be ordered from the Marantz Company, A simple description is included for parts which can usually be obtained through local suppliers.

1. P.W. BOARDS

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As can be seen from the circuit diagram the chassis of Model 2500 consists of the following units. Each unit mounted on a printed circuit board is described within the square enclosed by a bold dotted line on the circuit diagram.

1. FM Front End mounted on P.W. Board P100 2. AM Tuner, FM IF &

MPX Stereo Decoder . . mounted on P.W. Board P200

- 3	. FM Noise Amp mounted on P.W. Board PB00	
4	FM Buffer Amp mounted on P.W. Board PC01	
5	Phono Amp & Selector	
	Switch	
6	Main Amp mounted on P.W. Board P700	
7.	Power Supply mounted on P.W. Board P800	
8.	Pre & Tone Amp mounted on P.W. Board PE01	
9.	Dolby NR Socket mounted on P.W. Board PK01	
10,	Audio Muting mounted on P.W. Board PN01	
11.	Buffer Amp for Scope	
	Input mounted on P.W. Board PD01	
12.	Tape Copy, Tape Monitor & Scope	
	Display Switches, mounted on P.W. Board PS01	
13,	Filter Amp mounted on P.W. Board PT01	
14.	Dubbing In & Out	
	Jacks	
15.	Speaker System Switches &	
	Attenuator	
16	Function Indicator mounted on P.W. Board PW01	
17	Dial Lamp mounted on P.W. Board PYUT	
18	Dial Lamp	
,0.		
10	Connection mounted on P.W. Board PR01	
20	Scope Amp mounted on P.W. Board P900	ζ.
20,	Peak Indicator &	
21	Soft Start	
21.	Power Transistor	•
	Connection	

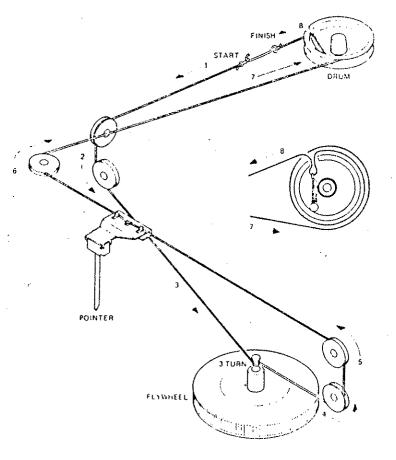


Figure 1. Dial Stringing

2. TEST EQUIPMENT REQUIRED FOR SERVICING

This table lists the test equipment required for servicing the Model 2500 Receiver.

ltem	Manufacturer and Model No.	Use					
AM Signal Generator		Signal source for AM alignment					
Test Loop		Use with AM Signal Generator					
FM Signal Generator MPX Signal Generator	Sound Technology Model 1000A	Signal source for FM alignment Stereo separation alignment and trouble shooting					
Distortion Analyzer Audio Oscillator AC VTVM	Sound Technology Model 1700A	Distortion measurements Sinewave and squarewave signal source Voltage measurements (AC)					
Oscilloscope	Tektronix Model T932 Philips Model 3232	Waveform analysis and trouble shooting and ASO alignment					
Frequency Counter	Fluke Model 1900A	MPX Oscillator adjustment (VCO)					
Circuit Tester		Trouble shooting					
DC VTVM	Fluke Model 8000 "Digital" Simpson Model 313, Triplet Model 801	Voltage measurements (DC)					
AC Wattmeter	Simpson Model 1379	Monitors primary power to amplifier					
AC Ammeter	Commercial Grade (1-30A)	Monitors amplifier output under short circui condition					
Line Voltmeter	Simpson Model 1359	Monitors potential of primary power to amplifier					
Variable Autotransformer	Superior Electronic Co., Powerstat Model 116B-10A	Adjusts level of primary power to amplifier					
Shorting Plug	Use phono plug with 600-ohm across center pin and shell	Shorts amplifier input to eliminate noise pickup					
Output Load (8 ohms, 0.5%, 300 W)	Commercial Grade	Provides 8-ohm load for amplifier output termination					
Output Load (4 ohms, 0.5%, 500 W)	Commercial Grade	Provides 4-ohm load for amplifier output termination					

3. AM ALIGNMENT PROCEDURES

3.1 AM IF ALIGNMENT

- 1. Connect a sweep generator to the J229 and an alignment scope to the test point B.
- 2. Rotate each core of IF transformers L153 and L154 for maximum height and flat top symmetrical response.

3.2 AM FREQUENCY RANGE AND TRACKING ALIGNMENT

- 1. Set AM signal generator to 515 kHz. Turn the tuning capacitor fully closed (place the tuning pointer at the low end) and adjust the oscillator coil L152 for maximum audio output.
- 2. Set the signal generator to 1650 kHz. Place the tuning pointer in the high frequency end and adjust the oscillator trimmer on the oscillator tuning capacitor for maximum audio output.
- 3. Repeat steps 1 and 2 until no further adjustment is necessary.
- Set the generator to 600 kHz and tune the receiver to the same frequency and adjust a slug core of AM ferriterod antenna L002 and RF coil L151 for maximum output.

- Set the generator to 1400 kHz and tune the receiver to the same frequency and adjust both trimming capacitors of antenna and RF tuned circuit for maximum output.
- 6. Repeat steps 4 and 5 until no further adjustment is necessary.
- NOTE: During tracking alignment reduce the signal generator output as necessary to avoid AGC action.

3.3 AM SIGNAL STRENGTH DISPLAY ADJUSTMENT Set an AM signal generator to 1000 kHz at 100 dB/m, and adjust R163 so that the spot may meet upper mark.

4. FM ALIGNMENT PROCEDURES

- 4.1 FM FREQUENCY RANGE AND TRACKING ALIGNMENT
- 1. Connect an FM signal generator to the FM ANTENNA terminals and an oscilloscope and an audio distortion analyzer to the TAPE MONITOR OUT jacks on the rear panel.
- 2. Set the signal generator to 87.4 MHz and provide about 3 to $5 \,\mu$ V. Place the tuning pointer at the low frequency end by rotating the tuning knob and adjust the core of

oscillator coil L106 to obtain maximum audio output.

- 3. Set the signal generator to 109 MHz and provide about 3 to 5 μ V output. Rotate the tuning knob and place the tuning pointer at the high frequency end and adjust the trimming capacitor C123 for maximum output.
- 4. Repeat steps 2 and 3 until no further adjustment is necessary.
- 5. Set the signal generator to 90 MHz and tune the receiver to the same frequency. Decrease signal generator output until the audio output level decreases with the decreasing generator output. Adjust the antenna coil L101, RF coils L102, L103 and L104 and IF transformer L105 for minimum audio distortion.
- Set the signal generator to 106 MHz and tune the receiver to the same frequency. Adjust the trimming capacitors CF01, CF02, CF03 and CF04 for minimum distortion.
- 7. Repeat steps 5 and 6 until no further adjustment is necessary.
- 8. Connect a VTVM (at DC 1 V range) across the J204 and J205. Adjust the secondary core (upper) of discriminator transformer L201 so that the VTVM indicates null reading (zero reading) at no signal. Set the FM signal generator to 98 MHz and increase its output level 1 k μ V and tune the receiver to the same frequency so that the VTVM gives null reading. Adjust the primary core (lower) of L201 for minimum distortion. (Scope display can, of course, be used as tuning indicator instead of the VTVM, if the scope unit has been correctly adjusted as instructed in the "Scope Display Adjustment".)
- 9. Set the signal generator to 98 MHz at 100 k μ V, and adjust R278 so that the signal strength indicator spot just reaches upper mark.

4.2 STEREO SEPARATION ALIGNMENT

- 1. Set the FM signal generator to provide 1 k μ V at 98 MHz. Tune the receiver to the same frequency so that the center tuning indicator spot indicates its center.
- Turn the signal generator modulation off (with the pilot signal turned off), connect a frequency counter to test point J238, and adjust R310 so that the frequency counter may precisely read 19 kHz.
- Modulate the signal generator with stereo composite signal consisting only of subchannel signal (of course a pilot signal must be included).
- 4. Adjust the trimming resistor R319 for maximum and same separation in both channels.

4.3 MUTING CIRCUIT ALIGNMENT

- 1. Set the FM signal generator to provide $6 \mu V$ at 98 MHz and tune the receiver to the same frequency correctly.
- 2. Depress the FM MUTING pushswitch, Set R001 to MIN position (counterclockwise). Adjust R330 until the muting circuit is activated to produce output for exactly $6 \,\mu V$ input.
- 3. In turn increase the FM signal generator output up to $50 \,\mu\text{V}$.
- 4. Set R001 to MAX position (clockwise). Adjust R347 until the multing circuit is activated to produce output for exactly $50 \,\mu\text{V}$ input.
- 5. Turn R001 from MIN to MAX to assure the muting
- , threshold level can change in the range of 6 to 50 μ V.

6. Adjust R001 until the muting threshold level is 12.5 V. Then, increase the FM signal generator output up to 1 k μ V and shift its frequency up and down. Note both up- and down-shifted frequencies at which undesirable audio side responses are muted out. Adjust R280 until the muting circuit is activated when the oscilloscope trace deflects 10 to 20 mm.

4.4 DOLBY FM TAPE OUTPUT SETTING

- 1. Set the modulation of FM signal generator to 400 Hz, 50% (±37.5 kHz Dev.).
- 2. Set the signal generator to provide $1 \text{ k}\mu\text{V}$ at 98 MHz. Tune the receiver to the same frequency so that the center tuning meter pointer indicates its center.
- 3. Set the SELECTOR switch to the FM 25μ S position. Set the trimming resistors RC01 and RC02 so that the output of the TAPE MONITOR OUT jacks R and L become 580 mV at VTVM.

5. AUDIO ADJUSTMENT

1. Voltage adjustment

Connect a DC voltmeter across the pins 4 and 3 on J805. Adjust the trimming resistor R819 until the DC voltmeter reads 32 V.

 Main Amplifier DC off-set alignment Connect a DC voltmeter with 0.5 or 1 V range between the speaker terminals and adjust the trimming resistor R760 for "zero" DC output on the meter. Repeat the same procedure for the other channel.

NOTE: During this alignment no load should be connected to the speaker terminals.

3. Idle current adjustment

Connect a DC voltmeter (in 50 mV range) across TP1 and TP2 on JX01. Adjust R716 on the P.W. board on the left side of the tunnel heatsink until the voltmeter reads 25 mV (32 mA). In turn, connect the voltmeter across TP3 and TP4 on JX02 and similarly, adjust R716 on the P.W. board on the right side of the tunnel heatsink until the voltmeter reads 25 mV (32 mA).

4. Check DC off-set voltage aligned in the procedure 3 and if any DC output is observed on the DC voltmeter, adjust the R760 again for "zero" output.

CAUTION: CONTINUOUS POWER OUTPUT TESTS.

Continuous sine wave tests at high audio power levels impose a maximum loading condition for the power supply, particularly when testing with 4 ohm output loads, and far exceeds power supply loading encountered with program materials. A primary line fuse has been selected for the Model 2500 which will open if the following 4 ohm testing periods are exceeded:

- A. At rated power of 330 watts per channel. Testing period- 45 minutes max.
- B. At power levels above 330 watts per channel. Individual tests- 1 minute max.

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6. SCOPE DISPLAY ADJUSTMENT

- 1. Set the SELECTOR switch to the AUX position.
- 2. Set the SCOPE LEVEL and VOLUME controls to the FCCW position.
- 3. Depress the SCOPE DISPLAY ON and AUDIO pushswitches in.
- 4. Adjust the CENTERING controls until the spot comes in the center of the small circle.
- 5. Adjust the BRIGHT control (R002) on the rear panel until the brightness becomes dark a little.
- 6. Adjust the FOCUS control so that the spot may be come smaller and circular,
- 7. Turn the SCOPE LEVEL control to the FCW.
- Connect a 150 mV, 1 kHz signal to the AUX INPUTS R jack and adjust R928 (H. GAIN) until the horizontal deflection is around 3 cm.
- 9. In turn, connect the same signal to the L jack and similarly, adjust R927 (V. GAIN) until the vertical deflection is around 3 cm.
- 10. Set the CENTERING control to the 12-o'clock position and adjust R925 (H. CENTER) until the spot comes in the horizontal deflection center.
- 11. Similarly, adjust R926 (V. CENTER) until the spot comes in the vertical deflection center,

6.1 AM TUNING DISPLAY ADJUSTMENT

- 1. Depress the SCOPE DISPLAY ON and TUNING push switches. Set the SELECTOR switch to the AM position
- 2. Adjust R931 until the spot comes in the center below the base line without tuning into a station.

6.2 FM TUNING DISPLAY ADJUSTMENT

- 1. Depress the scope DISPLAY ON and TUNING push switches. Set the SELECTOR switch to the FM position
- Connect FM signal input of 100 kµV (98 MHz, 400 Hz 30% mod.) to the FM ANTENNA terminals and adjust R278 so that the spot does not frame out.

6.3 FM MULTIPATH DISPLAY ADJUSTMENT

1. Adjust R280 to obtain full deflection of the trace within both side marks, applying FM signal (1 k μ V, 400 Hz, 100% mod.) to the FM ANTENNA terminals.

7. VOLTAGE CONVERSION FOR EUROPEAN MODEL

The European version of the Model 2500 is equipped with a universal power transformer that may be adjusted to operate at 110 V, 120 V, 220 V, or 240 V AC at 50 to 60 Hz. To convert the unit to a different power source voltage, reposition conversion plug at shown in Figure 1.

CAUTION: DISCONNECT POWER SUPPLY CORD FROM AC OUTLET BEFORE CONVERT-ING VOLTAGE.

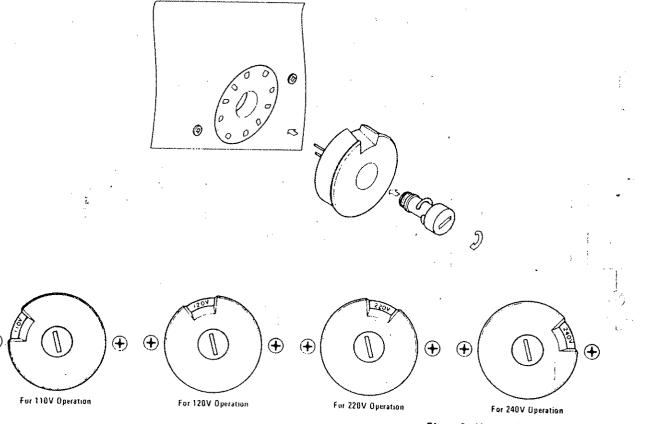


Figure 2. Voltage Conversion Chart

FTZ REGULATION

Instruction for the use in the range other than specified in FTZ codes.

Achtung für die Leute, die in dem Gebiet wohnen, wo die FTZ-Bestimmungen vorherrschend sind.

Sollte das Gerät auch für Frequenzen auszerhalb des in den FTZ-Bestimmungen angegebenen Bereiches empfangebereit sein, bitten wir, den Bereich durch Nachstellen des Kernes in der Oszillatorspule (in der Abbildung mit "FTZ" gekennzeichnet) so zu korrigieren, dass er den Bestimmungen entspricht.

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8. DIAGRAN

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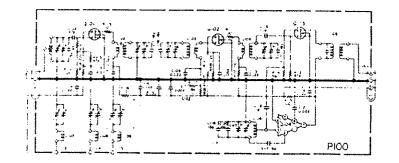
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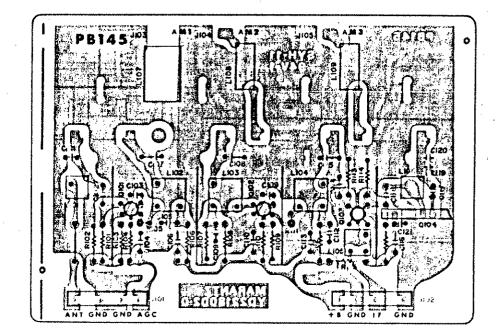


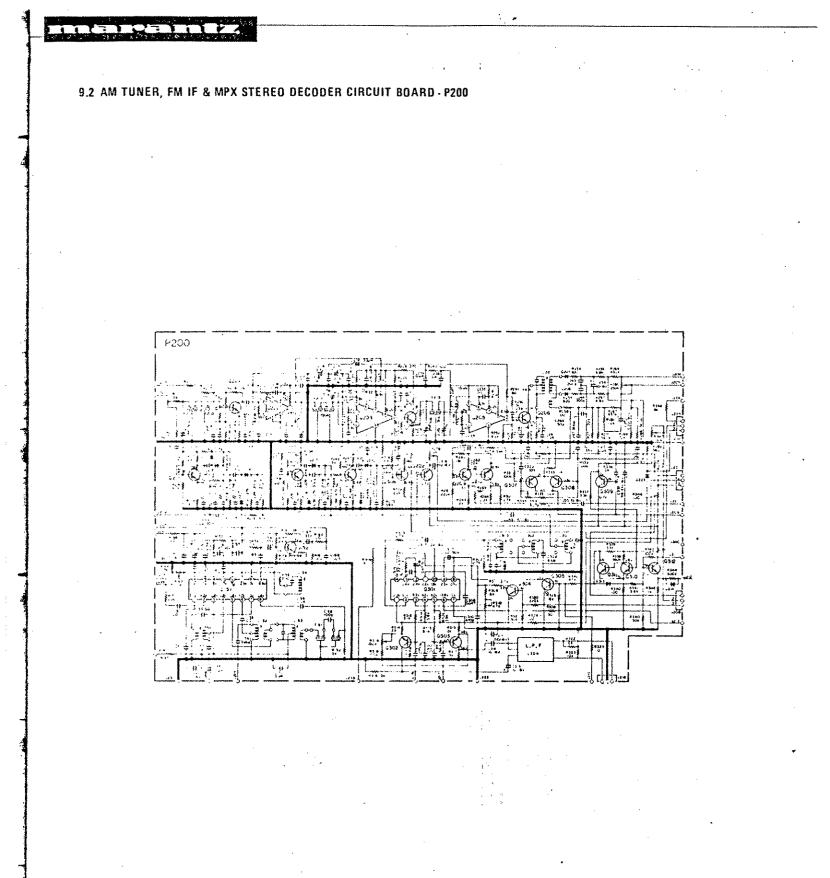
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9. SCHEMATIC DIAGRAMS AND COMPONENTS LOCATIONS

9.1 FM FRONT END CIRCUIT BOARD - P100





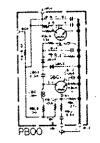


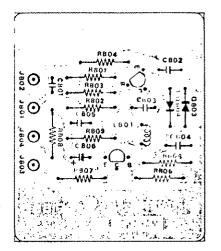
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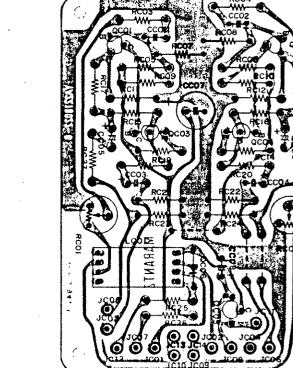
9.3 FM NOISE AMP CIRCUIT BOARD - PB00

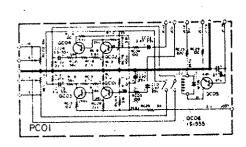




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9.4 FM BUFFER AMP CIRCUIT BOARD - PCO1



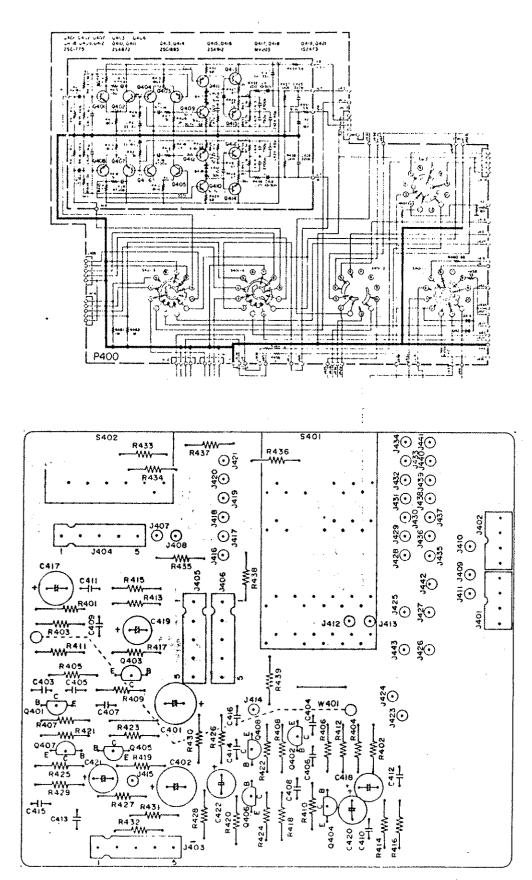


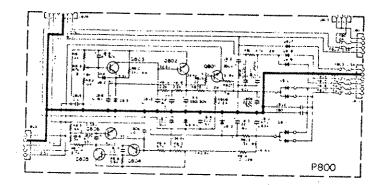
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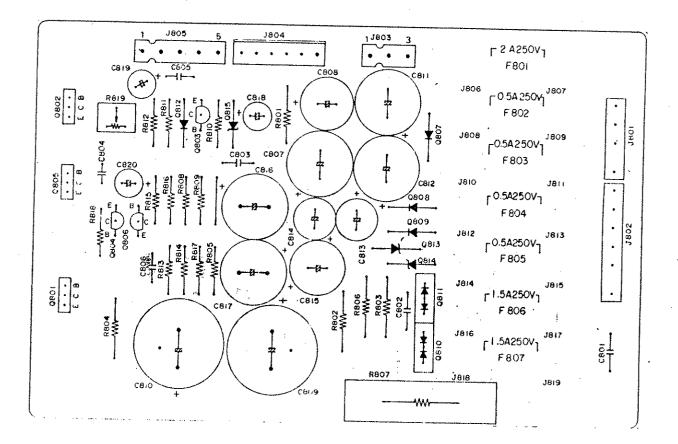
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9.5 PHONO AMP & SELECTOR SWITCH CIRCUIT BOARD - P400

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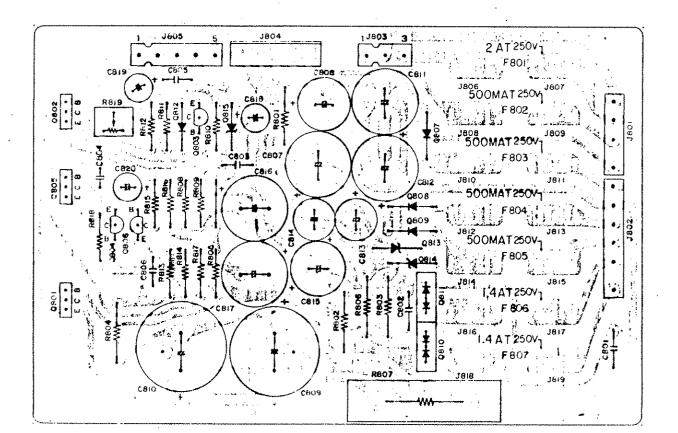




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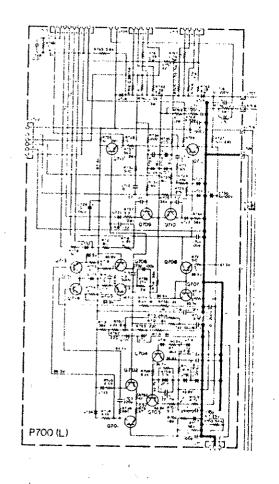
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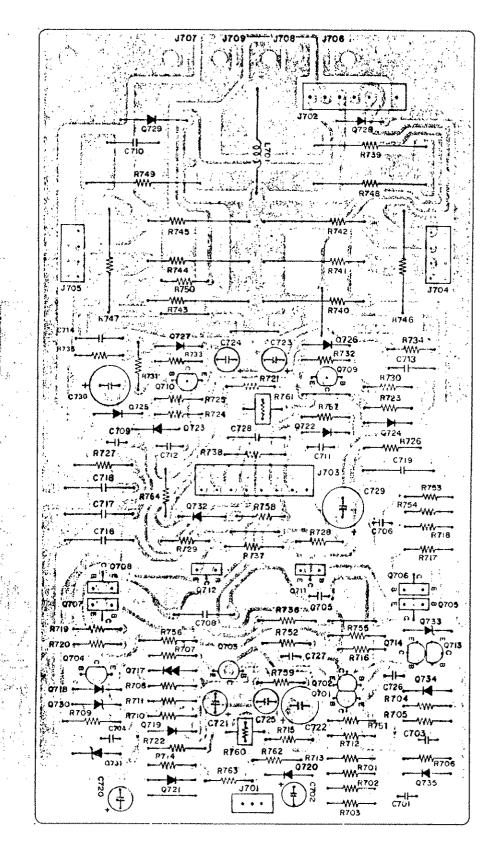
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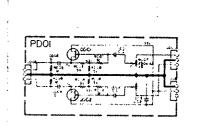


9.10 DOLBY NR SOCKET CIRCUIT BOARD - PKO1

9.11 AUDIO MUTING CIRCUIT BOARD - PNO1

PN01

9.12 BUFFER AMP FOR SCOPE INPUT - CIRCUIT BOARD - PD01



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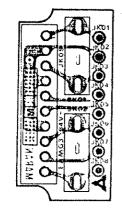
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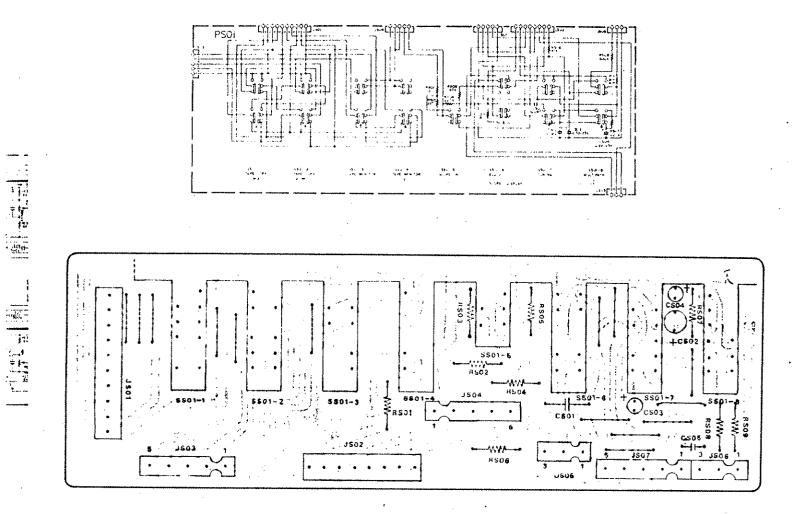
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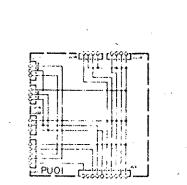
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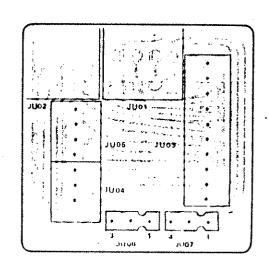
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9.14 DUBBING IN & OUT JACKS CIRCUIT BOARD - PU01



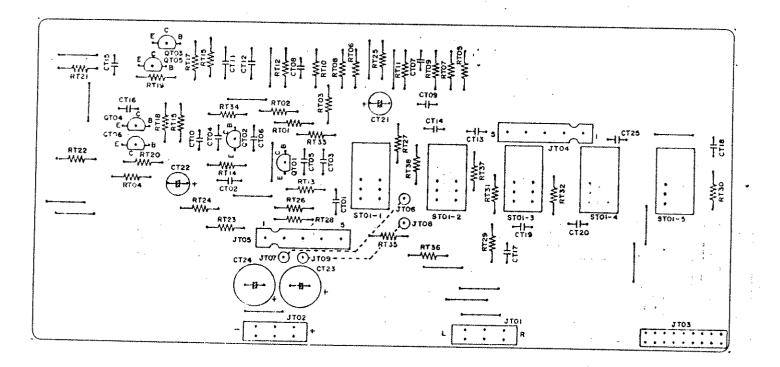


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9.15 FILTER AMP CIRCUIT BOARD - PTO1

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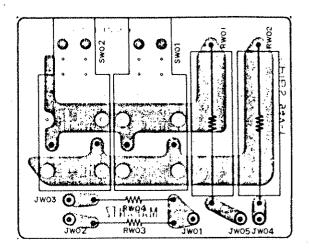


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9.16 SPEAKER SYSTEM SWITCHES & ATTENUATOR CIRCUIT BOARD - PW01

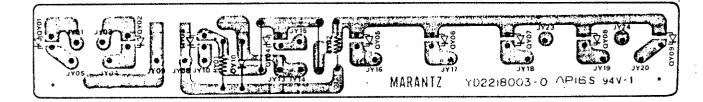
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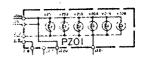
9.17 FUNCTION INDICATOR CIRCUIT BOARD - PY01



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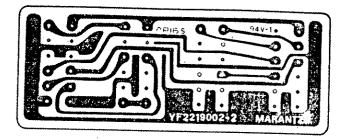
9,18 DIAL LAMP CIRCUIT BOARD - PZOT



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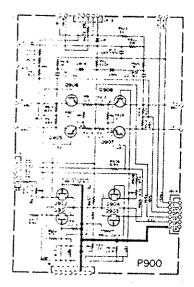
9.19 TAPE MONITOR SWITCHES CONNECTION CIRCUIT BOARD - PROT

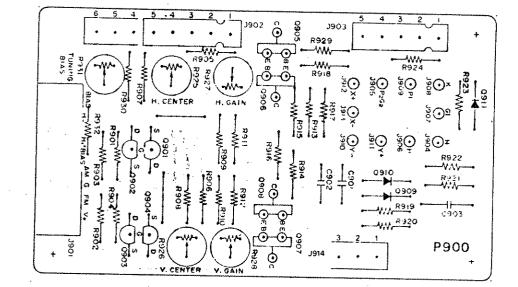




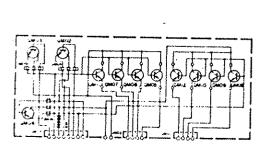
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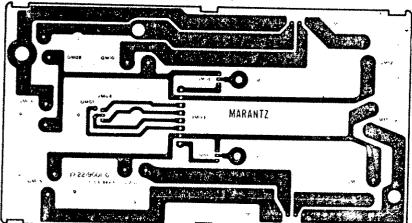
9.20 SCOPE AMP CIRCUIT BOARD - P900



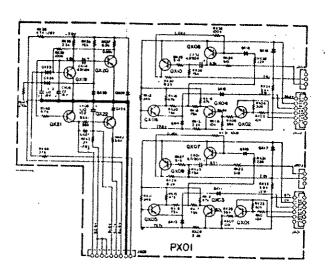


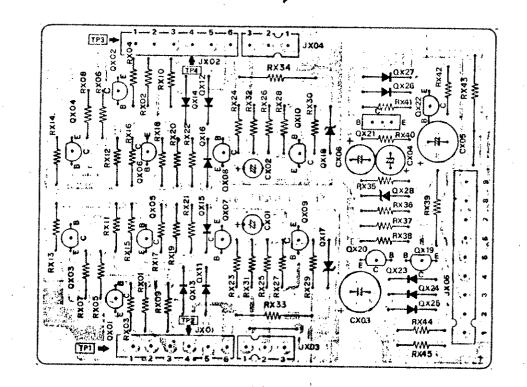
9.21 POWER TRANSISTOR CONNECTION CIRCUIT BOARD - PM01





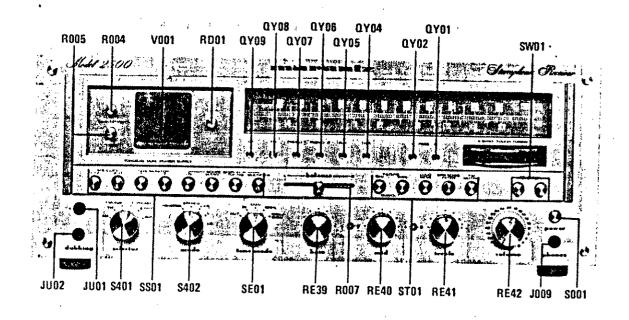
9.22 PEAK INDICATOR & SOFT START CIRCUIT BOARD - PX01 Sector EBB Sector





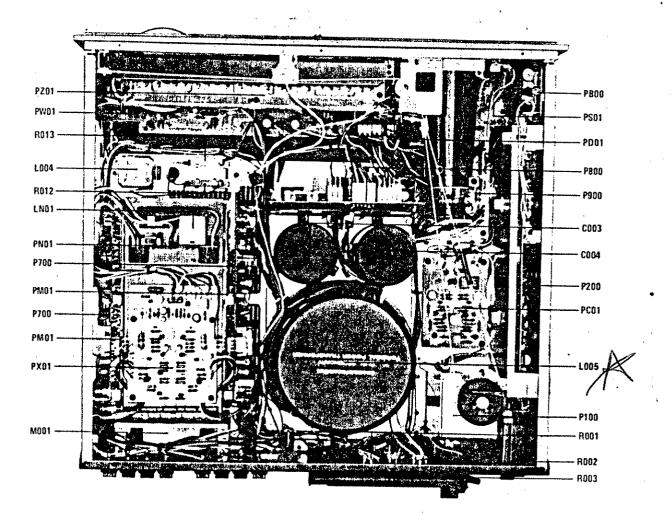
10. MAJOR COMPONENT LOCATIONS

10.1 CABINET - FRONT VIEW - U.S.A. & CANADA

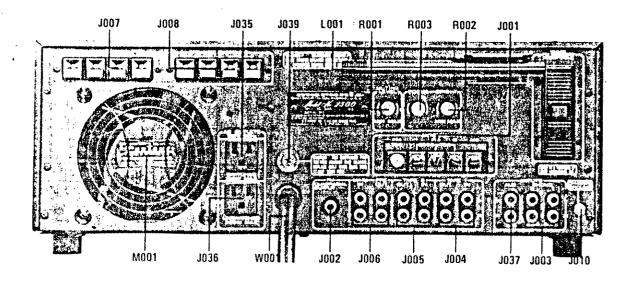


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10.2 CHASSIS - TOP VIEW - U.S.A. & CANADA

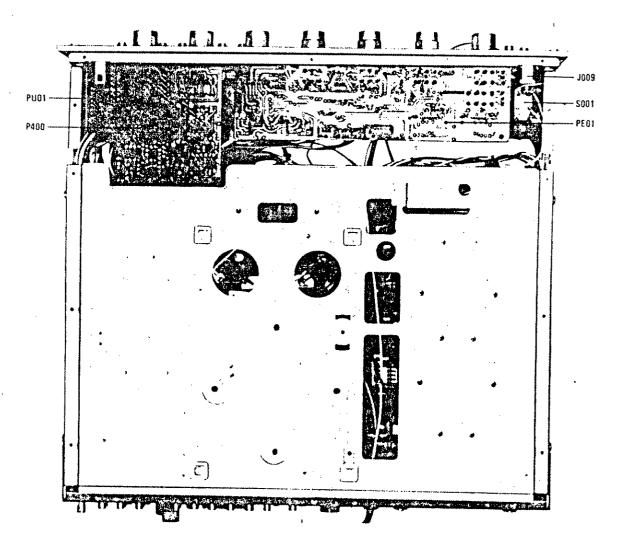


10.3 CABINET - REAR VIEW - U.S.A. & CANADA



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10.4 CHASSIS - BOTTOM VIEW - U.S.A. & CANADA

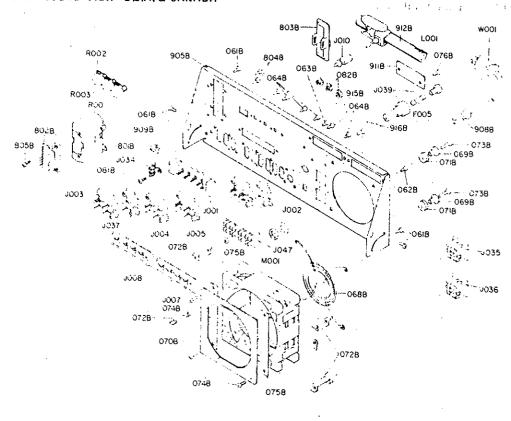


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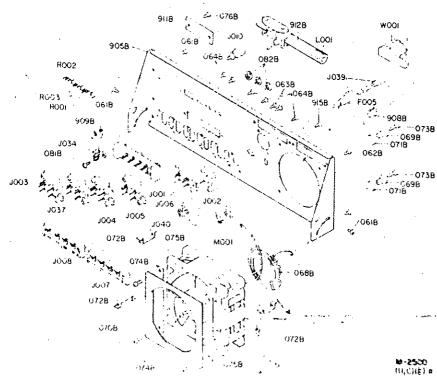
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11.3 REAR PANEL EXPLODED VIEW U.S.A. & CANADA

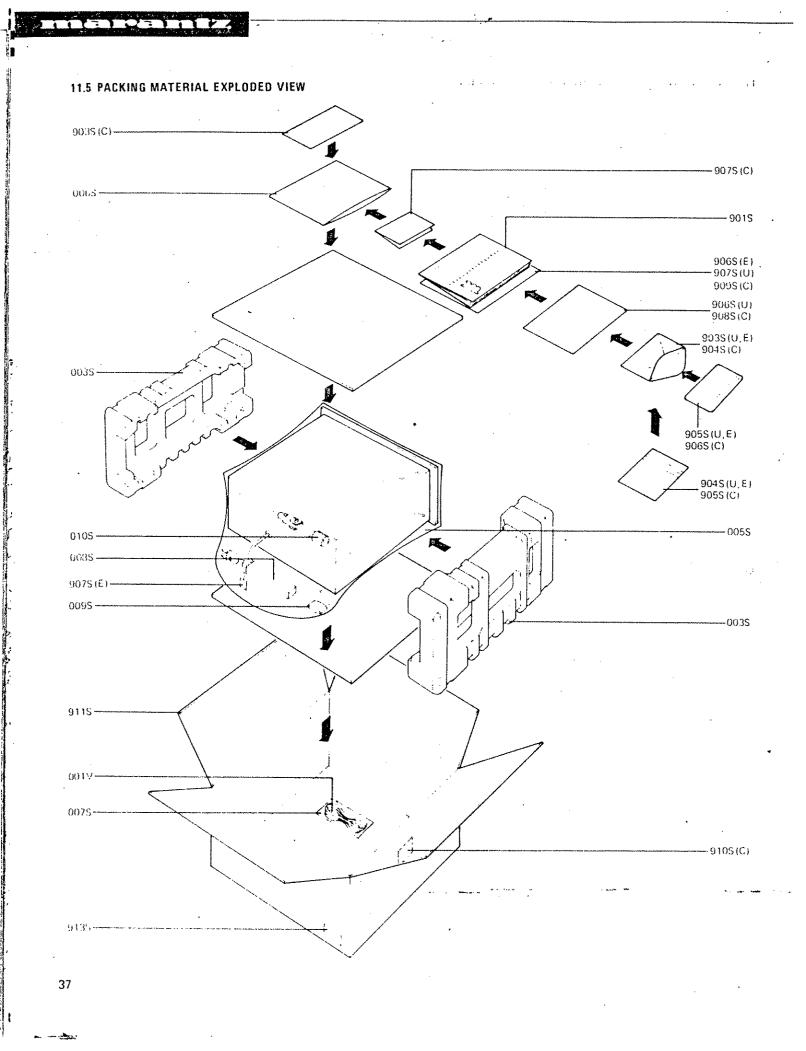


11.4 REAR PANEL EXPLODED VIEW - EUROPE



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12. PARTS LIST

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3 3 3 3 3 3 3 3 2210154210 Knob K07 8 8 3 3444118050 Spacer 0348 3 3 3 51100314A9 B.H.M. Screw, B3x14 K11 2 2 2 75061251P0 Jumper Wire 036B 10 10 10 2218154010 Knob K11 1 1 75061251P0 Jumper Wire 036B 10 10 10 2218154010 Knob K11 1 1 75061251P0 Jumper Wire 036B 10 10 10 2218154010 Knob K11 1 1 75061251P0 Jumper Wire 036G 1 1 2904056012 Buffer Knob Spacer 037G 1 1 2904056022 Buffer Knob Spacer 038G 1 1 2904056022 Buffer Knob Spacer 038G 1 1 2904056030 Clamper Knob Spacer Jumper Wire 0398 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>033G </td> <td>1</td> <td></td> <td>11</td> <td>2219357012</td> <td></td>									033G	1		11	2219357012	
11 14 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td>Jumper Wire</td><td></td><td>034B</td><td>3 </td><td>3</td><td></td><td>4</td><td></td></td<>							Jumper Wire		034B	3	3		4	
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108 12 14 13 14 <t< td=""><td>1</td><td>ļ</td><td></td><td>•</td><td>1</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>2904056012</td><td>Buffer</td></t<>	1	ļ		•	1								2904056012	Buffer
12 12 <td< td=""><td>08 1</td><td>24</td><td>,</td><td>17</td><td> -</td><td>072110000</td><td></td><td>1</td><td>0378</td><td>5</td><td>5</td><td>5</td><td></td><td></td></td<>	08 1	24	,	17	-	072110000		1	0378	5	5	5		
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07 20 20 20 3444118050 Spacer 0398 -1 1 1 2970154013 Knob 11 10 10 75061251P0 Jumper Wire 039G 1 1 5402030150 Flat Washer P. 007 12 12 12 3444118050 Spacer 040G 1 1 5110030859 B,H.M. Screw, B3x8						5061251P0								Ulamper
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	07 1	211	21	12					, ,	1	1	1		
			1'	•	5	S 00001 19050	pacer)41B	1	1.	1		
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ESIG.	U	2'T C		PART NO.	DESCRIPTION		REF. DESIG,	li	n. D		PART NO.	DESCRIPTION
41G	2	2	2		B.H.M. Screw, B3x4	1	099G	4	4	4	53250501A0) Special Nut
42G	1	1	1	2219053010	Cover	1.	100G	6				B.H. Tapped Screw, B4x8S
43B ′	3	3	3	2219154010	Knob	1	101G	6				
448	2	2	2	5169030609			102G	1				
4G	1	1	1	2218051010	Guide		105G	1	1	1	2917267022	Heatsink
158	4	4	4	2759057012	Leg	1	106G	1	1	1	53110303E9	
5G	2	2	2	51100306A9	B.H.M. Screw, B3x6		107G	1		1	5110030859	
68	4	4	4	5157041059	P. Tapped Screw, P4x10		110G	1			2219267020	Heatsink
8G	6	6	6	51100306A9			111G	2			5128030600	
9G	2	2	2	51100306A9	B.H.M. Screw, B3x6		112G	3			5128030600	
0B	6	6	6	5128030600			113G	3				
0G	2	2	2	51100306A9	B.H.M. Screw, B3x6		121G				2219259030	
18	6	6	6	5148040659	F. Washer Screw		t	1	1	1	2218123010	
1G	1	1	1	2219120010	Insulator		122G 124G	1			51280306B0 2886005050	
2G	2	2	2	51280306B0	B.H. Tapped Screw, B3x6ST		125G			1		
3B	1	1	1	2218257020	Lid	1	125G	1	i i		2886005060	
3G	1	1	1	2207109020			1				2218259020	
	13				B.H. Tapped Screw, B4x10ST	1	131G	2			2219267013	
4G	2	2	2	51100306A9			132G			16	1	Heatsink
18	8	8	8	5128030600		1	133G	2			2219160102	Bracket
1	1 1		1				134G	2			2219160113	Bracket
1G	1	1	1	2218262500	Pulley	1	135G			32		Bushing
2B	4	4	4	51280308U0		1 · .	136G	32	232	32		B.H.M. Screw, B3x16
2G	1	1	1	2218160150	Bracket	ĺ	138G	2	2	2	5128031200	B.H. Tapped Screw, B3x12
38	2	?	2	5128030800	B.H. Tapped Screw, B3x8ST		139G	4			5128030600	B.H. Tapped Screw, B3x6S
3G	5	2	2	51103029A0	B.H.M. Screw, B3x29		140G	2	2	2	5110030459	B.H.M. Screw, B3x4
	12		i				.141G	4	4	4	5128030600	B.H. Tapped Screw, B3x6S
IG			2	2991262010	Pulley	1	151G	12		12		B.H.M. Screw, B3x6
в	1		1	2218271060	Holder		153G	8	8	8	2917267022	Heatsink
8			1	2218271070	Holder		154G	4	4	4	5110031059	B.H.M. Screw, B3x10
6G	2	2	2	51280306B0	B.H. Tapped Screw, B3x6ST	ł	155G	4	4	4	5110030859	B.H.M. Screw, B3x8
3B	1	1	1	2219202010	Net		156G	8	8	8	53110303E9	
98	4	4	4	2219055010	Collar .		158G	1	1	1	2219160082	Hexagon Nut
DB	1	1	1	2219118012	Spacer		159G	6	6	6		Bracket
IG		1	1	2218262510	Pulley		160G	4	4	4	51280306U0 51280306U0	B.H. Tapped Screw, B3x6S B.H. Tapped Screw, B3x6S
	*	1	4	2219259020	Bushing		161G	2	2	2	51280306U0	B.H. Tapped Screw, B3x6S1
	1		1	2218160160	Bracket		162G	1	ī		2207269010	Protector
		4	4	2219160042	Bracket		163G			1	51280308B0	
	3	3	3	51103029A0	B.H.M. Screw, B3x29		164G	1	1	1	2207861010	B.H. Tapped Screw, B3x8S1 Label
1	1		4	5110031859	B.H.M. Screw, B3x18		166G	1	1		2219160050	Bracket
G	3 :	3 :	3	2991262010	Pulley		167G	2	2	2	5128040880	
8	4	4 4	4	5110030859	B.H.M. Screw, B3x8		168G	2	2	2		B.H. Tapped Screw, B4x8ST
		2 :	2	51280306B0	B.H. Tapped Screw, B3x6ST		169G	1 - 1	2	- 1	51280306B0	B.H. Tapped Screw, B3x6S1
	1		2	5128030600	B.H. Tapped Screw, B3x6ST		171G	2 4	4	2	5128030680	B.H. Tapped Screw, B3x6ST
			1	2218103500	Pointer		172G	3		4 3	2887005110	Clamper
	,							J		S	51280306B0	B.H. Tapped Screw, B3x6ST
1	. 1			2218103010	Pointer	:	181G	1		1	2218160050	Bracket
-	-			2219202022	Net Pointer :	, I	182G			6	51280306U0	B.H. Tapped Screw, B3x6ST
	ł		1	2218103020	Pointer	· 1	183G			2	2218160060	Bracket
		2		2219202032	Net	.	184G	4		4	51280306B0	B.H. Tapped Screw, B3x6ST
			- (2218152010	Tube	}	185G	2	2	2	5128030680	B.H. Tapped Screw, B3x6ST
	2			2219202042	Net		186G	2	2	2	2218160092	Bracket
	1	- 1	1	2218280010	Housing ;	1	187G	4		4	51280306B0	B.H. Tapped Screw, B3x6ST
	1 1	1		2218118010	Spacer	·	188G	2	2	2	5128030680	B.H. Tapped Screw, B3x6ST
1	1 1)	1	IN10080410	Lamp, 8V 50mA	i	189G	1	- 1	1	2908109022	Shield
5 1	1 1	1		2219015013	Chassis		191G		1	4	5110030659	B.H.M. Screw, B3x6
	1 1	1		2218105022	Chassis	1	193G	1	1	1	2218160080	Bracket
1	1				Heatsink		194G	4	4	4	51280306B0	B.H. Tapped Screw, B3x6ST
	3 3			5128030680	B.H. Tapped Screw, B3x6ST	1	195G	1	1	1	2218160040	Bracket
à 3		1	1		B.H. Tapped Screw, B3x6ST	·	196G · · ·	2		2 -	51100306A0	B.H.M. Screw, B3x6
5 2				2218271020	Holder		197G			5	5128030680	B.H. Tapped Screw, B3x6ST
	2 2	2	1	51280312B0	B.H. Tapped Screw, B3x12ST	1	198G			2	2891056010	Buffer
5 2	• •		-			1						

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REF. DESIG.				PARTS NO	DESCRIPTION		REF. DESIG.	T		TY C		PARTS NO	
200G			- 1	1 56382540G			913B	1		1		2911861110	Label
203G	1		-	1 120225801			913S	4	ŧ		l	9522815010	
211G 212G			1 2 :				913S				7	9523015110	
a120	1			2 51280306B	B.H. Tapped Screw, B3x6ST		913S		1	4		9523015120	
213G	2	12	2 :	2 512803060	B.H. Tapped Screw, B3x6ST		a						
214G	2				Heatsink		914B		1	1		2911861140	
215G	4		-				914B 915B	1			1	2932861010	
216G	4	4	1 4			1	915B			1	2	5110030859 9510911010	B.H.M. Screw, 83x8
217G	1	1			1		915B	1		'		9510911010	Label
219G	1	3					916B		1	1		2457861040	Label
220G 221G	14				Ç ile i ile i ile i ile i ile i ile ile i		9168	1			1	9511101020	Label
222G	4	4		}			917B	1	1			2911861190	Label
224G	2	2				1	9178	1				9510221010	Label
	1	~	14	2091000010	Buffer		918B	l	1			2911861160	Label
226G	1	1	1	2908259010	Bushing		0400	1					
227G	1	1	1			1	919B		1			2911861300	Label
228G	1	1	1		B.H. Tapped Screw, B3x6ST								
801B	1	1		2218271050	Holder								
802B	1	1	1	2218258010	Hook		[·						ELECTRICAL PARTS
8038 8048	1	1		2218257030	Lid		CB01	1	1	1		DD12100010	
804B	22	22		51280308U0	B.H. Tapped Screw, B3x8ST	1	CB02	1	1	1		DF16683010	Cap, Film, 0.068µF
901G	2	2		51280308U0 2218274032	B.H. Tapped Screw, B3x8ST Reflector		CB03	1	1	£		DF17403010	Cap., Film, 0.04µF
9015	1	1	1	2219851010	Instructions		CB04	1	1			DK18104020	Cap., Ceramic, 0,1µF
					instructions		CB05	1	1	1		DK18403020	Cap., Ceramic, 0.04µF
9015		1	1	2219851310	Instructions		CB06 JB01	1	1 1	1		EA10601690	
902G	1	11		2218302010	Dial		JB02	1	1	1		YP10001130 YP10001130	Plug Plug
902G	-		1	2218302020	Dial		JB03	1	1	li		YP10001130	Plug
903B	8 1	8	9	2979259022	Bushing		JB04	1	1	1	1.	YP10001130	Plug
903S 903S	ł	}	1	2577813010	Envelope	1							-3
9035		1	1'	2818813010 2886851100	Envelope		LB01	1	1	1		LC21050010	Choke Coil, 1mH
904S	1	1.		2577851020	Instructions Instructions								, ·
904S			1	2818851120	Instructions]	PB00			.			
904S		1		2918813012	Envelope		FBOO	1 1	1	1		ZZ2180610	P.W. Board, FM Noise Amp
					-			'	1	1	1	-422160010	P.W. Board Assembly
905B	1	1		2219160214	Bracket		QB01	1	1	1	1	HT308281D0	Transistor, 2SC828S
9058 9055	.		1	2219160220	Bracket		QB02		1	i.	1	HT308281D0	Transistor, 2SC828S
9055	1	1		2577854012	Guarantee Card		QB03	1	1	1	F	HD10001050	Diode, 1N60
9055		'	1	2818851120 9630000180	Instructions		Q804		1	1	F	ID10001050	Diode, 1N60
906S			1	2818851140	Guarantee Card Instructions		RB01		1	1	F	RT05562.140	Res., Fixed, 5.6k \ ±5%, 14W
906s ,	1	ļ		2818854023	Guarantee Card		RB02 RB03	- 1	1	1 1		105104140	Res., Fixed, 100kΩ±5%, ¼W
906S		1		9630000180	Guarantee Card		RB04		1			1052/31401	Res., Fixed, 27kΩ ±5%, ¼W
	1			2818851040	Instructions		1	1	E	1		T05273140	Res., Fixed, 1kΩ ±5%, ¼W Res., Fixed, 27kΩ ±5%, ¼W
907S		1	1	9560000042	Hang Tag				1		R	T05333140	Res., Fixed, 33kΩ ±5%, 14W
907s				0050000050			·						
9088		1	1	9650000050 1455259040	Service Station Card Bushing				- 1	1	R	T05221140	Res., Fixed, 220Ω ±5%, ¼W
1	1	1	'	1455259100	Bushing			11		1	R	T05101140	Res., Fixed, 100Ω ±5%, ¼W
	1			2818811010	Polyethylene Bag					1	R	T05101140	Res., Fixed, 100Ω ±5%, ¼W
9085		1	[2818854042	Guarantee Card			- 1		1	E C	V47403560	Cap., Elect., 0,47µF, 35V
	1	÷	2	62040029W0	Lug				. ţ	1	F	V10503560	Cap., Elect., 0.47µF, 35V Cap., Elect., 1µF, 35V
9095		1		2818851140	Instructions			1		1	Ē	V10503560	Cap., Elect., 1µF, 35V Cap., Elect., 1µF, 35V
909S 910S	1	,		966000010	QC Card	ĺ	CC05	1 1		1	E	V10503560	Cap., Elect., 1µF. 35V
. 4	1	2		9510901020	Label			1 1		1	Ε,	V10503560	Cap., Elect., 1µF. 35V
	·		1	2219265010	Indicator	- 1	CC07	1 1		1	E,	A22702590	Cap., Elect., 220µF, 25V
9118		1		2219265022	Indicator		CC08	1 1	1		-	A 47500500	
9118	l		1		Indicator		1	1 1 1 1		1	- E/	A47503590 (P10001130	Cap., Elect., 4.7µF, 35V
911S 1	F	1	1	2219801010	Packing Case		ſ	1 1		1	Y	P10001130 F	iug Buo
912B 1	-		1	2506265060	Indicator			1 1		i	Y	P10001130 F	1ug Nua
9128 9138 1		1		2911861170	Label	· .	JC04	1 1	۰ŧ		(Y	P10001130 F	Plug
9130 I			1	2578861010	Label		JC05 1	1 1		1	Υł	P10001130 F	Plug
							•	l	I		•	ł	
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U: For U.S.A. C: For Canada E: For Europe

	Tu)'T	Υ E	PART NO.	DESCRIPTION	1	REF. DESIG.	U		Ε	PART NO.	DESCI	RIPTION	, i
DESIG.		+	 					-	+					
JC06	1	1		YP10001130	Plug		RD07	11	1	1	RM02540390	Res., Variable,	250kΩ(A),
JC07	1	1	1	YP10001130	Plug			.	1.		000	Scope Level	n o	
JC08	1	1	1	YP10001130	Plug .		RD08	1	1	1	GD05153140	Res., Fixed, 1	5kΩ ±5%,	- 74
JC09	1	1	1	YP10001130	Plug				ŀ					
					_		RD09	1	1	1	GD05153140			
JC10	1	(1	YP10001130	Plug		CE01	1	1	1	EE22503510	Cap., Elect.,	2.2µF,	3
JC11	11	1	1	YP10001130	Plug		CE02	1	1	1	EE22503510	Cap., Elect.,	2.2µF,	3
JC12	1	1	1	YP10001130	Plug		CE03	1	1	1	EE22601640	Cap., Elect.,	22µF,	1
LC01	1	1	1	LY20240120	Relay		CE04	1.1	1	1	EE22601640	Cap., Elect.,	22µF,	1
						1	CE05	11	1	1	EA10601690	Cap., Elect.,	10µF,	1
							CE06	1	1	1	EA10601690	Cap., Elect.,	10µF,	. 1
PC01	11	1	11	YA22180220	P.W. Board, FM Buffer Amp		CE07	1	1	1	DD15500050			5
	1	1	1	ZZ22192070	P.W. Board Assembly		CE08	1	1	1	DD15500050			5
	1.	l .	·		t in, board Assembly		CE09	11	i	1	DD12100010	, , , , ,	· ·	
RC01	4		1	RA05020130	Rea Comitived 4 750	' I	0205	1'	11	1	0012100010	cap., ceramic,	τομε,	5
	1	1	1 3		Res., Semifixed, 4.7kΩ			1.						_
RC02	1	1	1	RA05020130			CE10	1	1	1	DD12100010		10pF,	5
RC03	1	1	1	RT05101140	Res., Fixed, 10012 ±5%, 1/4W		CE11	1	1	1	EE10505040	Cap., Elect.,	1µF,	5
RC04	1	1	1	RT05101140	Res., Fixed, 100 1 ±5%, 1/4W	·	CE12	1	1	1	EE10505040	Cap., Elect.,	1μF,	5
RC05	1	1	1	R T05155140			CE13	1	1	1	EE47502540	Cap., Elect.,	4.7µF,	3
3006	1		1	RT05155140	Res., Fixed, 1.5MΩ±5%, %W		CE14	1	1	1	EE47502540	Cap., Elect.,	4.7µF	3
RC07	1	1	1	RT05913140	Res., Fixed, 91kΩ ±5%, '4W		CE15	1	li	1	DD15500050	Cap., Ceramic,	50pF	5
RC08	1	1	1	RT05913140		1	CE16	1	1	1	DD15500050	Cap., Ceramic,		5
			1						1	1 1				
9005	1	1	1	RT05223140	Res., Fixed, 22kΩ ±5%, ¼W		CE17	1	1	1	DD16200010	Cap., Ceramic,		5
3010	1	1	1	RT05223140	Res., Fixed, 22kΩ ±5%, ¼W		CE18	1	1	1	DD16200010	Cap., Ceramic,		5
l	ł						CE19	1	1	1	DF16123010	Cap., Film,	0.012µF,	5
RC11	1	1	1	RT05431140	Res., Fixed, 430Ω ±5%, %W				1.					
RC12	1	1	1	RT05431140	Res., Fixed, 430Ω ±5%, ¼W		CE20	1	1	1	DF16123010	Cap., Film,	0.012µF,	5
RC13	1	1	1	RT05101140	Res., Fixed, 100 1 ±5%, 1/4W		CE21	1	1	1	DF16123010	Cap., Film,	0.012µF,	
RC14	1	1	1	RT05101140			CE22	i	1	1 [DF16123010	Cap., Film,	0.012µF,	
RC15		1	1	RT05272140			CE22	1	1	1	DF17224020		0.012µ1, 0.22µF,	
	1			,				1	,			Cap., Film,		5
RC16	1	1	1	RT05272140	Res., Fixed, 2,7kΩ ±5%, ¼W	1	CE24	1	1	1	DF17224020	Cap., Film,	0.22µF,	5
RC17	1	1	1	RT05562140		[CE25	1	1	1	DF16682010	., .	6800pF,	5
3018	1	1	1	RT05562140	Res., Fixed, 5.6kΩ ±5%, '4W	1	CE26	1	1	1 1	DF16682010	Cap., Film,	6800pF,	5
RC19	1	1	1	RT05561140	Res., Fixed, 560 1 ±5%, %W		CE27	1	1	1	DD16501010	Cap., Ceramic,	500pF,	5
RC20	1	1	1	RT05561140	Res., Fixed, 5601 ±5%, 1/W		CE28	1	1	1	DD16501010	Cap., Ceramic,	500pF,	5
				ĺ			CE29	1	1	1	DF16222010	Cap., Film,	2200pF,	5
3C21	1	1	1	RT05224140	Res., Fixed, 220k Ω±5%, %W									-
RC22	1	1	1		Res., Fixed, 220kΩ±5%, %W	1	CE30	1	1	1	DF16222010	Cap., Film,	2200pF,	5(
3C23	1	;	1	1		1	CE30 CE31	{ J	;	•	,		3300pF,	
÷	F 1	1		1	Res., Fixed, 220kΩ±5%, ¼W	. 1		1	1		DF16332010	Cap., Film,		5
RC24	1	1	1		Res., Fixed, 220ks2±5%, 1/4W	·	CE32	1	1	1 1	DF16332010	Cap., Film,	3300pF,	5
1C25	1	1	1	1	Res., Fixed, 100 1 ±5%, 1/W		CE33	1		1	DD15201010	Cap., Ceramic,	200pF,	5
RC26	1	1	1	1	Res., Fixed, 1.5kΩ ±5%, ¼W		CE34	1	1		DD15201010	Cap., Ceramic,	200pF,	5
RC27	1	1	1	RT05102140	Res., Fixed, 1kΩ ±5%, ¼W	1	CE35	1	1	1	EA10701690	Cap., Elect.,	100µF,	1
RC28	1	1	1	RT05102140	Res., Fixed, 1kΩ ±5%, %W	1	CE36	1	1	1	EA10701690	Cap., Elect.,	100µF,	1
2D01	1	1	1	i	Cap., Film, 0.01µF, 50V	1	CE37	1	1	1	DD12100010		10pF,	5
:D02		1			Cap., Film, 0.01µF, 50V		CE38	1	1	1.1	DD12100010			5
		•	1	2	erent and a second seco	1	CE41	1		1	DK18103010			5
:D03	1	1	,	0517104010	Cap., Film, 0.14F, 50V		0	'	1	'	21010100010		، دم ر د د. ب	
1	: !					- 1	0540	۱.۱			DK 10102010	Can Casses	0.01.5	
D04	1	1	1		Cap., Film, 0.1µF, 50V		CE42	1	1	1 1	DK18103010			5
D05	1	1	1		Cap., Ceramic, 0.02µF, 50V		CE43	!!	1	1	DF16392010	Cap., Film,	3900pF,	
D01	1	1			Plug, 5P, Basepost		CE44	1	1		DF16392010	Cap., Film,	3900pF,	
D02	1	1	1	YP06000570	Plug, 3P, Basepost		CE45	1	1		DF16392010	Cap., Film,	3900pF,	
		ł		1			CE46	1	1	1	DF16392010	Cap., Film,	3900pF,	5
		ł		ļ		1	CE'47	1	1	1	DD12030010	Cap., Ceramic,	3pF,	5
D01	1	1	1	YK22190610	P.W. Board, Buffer Amp for		CE48	1	1		DD12030010	Cap., Ceramic,		5
		•			Scope Input		JE01	1	1		YP06001040	Plug,	3P, Basep	
	1	1	1		P.W. Board Assembly	1	JE02	1	1		YP06001040	Plug,	3P, Basep	
Í	'	'	1	FE55190010	· .++, budiu Assembly			2 1					• •	
							JE04	1	1	1	YP06001040	Plug,	3P, Basep	
1D01	1	1		1	F.E.T., 1 2SK30A Y				.			<u> </u>	·	
2002	1	1	1		F.E.T., 2SK30A Y		JE05	1	1		YP06000490	Plug,	9P, Amp	1
RD01	1	1	1	GD05105140	Res., Fixed, 1M12 ±5%, 1/4W		JE06	1	1		YP06000740	Plug,	3P, Amp	
1002	1	1	1		Res., Fixed, 1MΩ ±5%, %W		JE07	1	1	1	YP06000740	Plug,	3P, Amp	\$
RD03	1		1		Res., Fixed, 1.5kΩ ±5%, %W									:
1004	1	1	1		Res., Fixed, 1.5k12 ±5%, XW		.				-			
1004	1	1	;				PE01	1,1		,	VA22100210	P.W. Board, Pre	and Tono	
I	1 1		1		Res., Fixed, 1M12 ±5%, 1/4W	 	r cui		1					
3D06		1	1	GD05105140	Res., Fixed, 1MS2 ±5%, XW	·		1.	1	1	2222192130	P.W. Board Ass	-	
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REF. DESIG			an	TY E	PART NO. DESCRIPTION
QE01		1	1		
QE02		1	1	1	
QE03	- 1		1	1	HC10022050 I.C., TA7136P
QE04 RE03		1	1		
RE04			1	1	DNO510514010 C
RE05		1	1	1 .	1
RE06		1	1	1	RT05104140 Res., Fixed, 100k12±5%, %W
RE07 RE08	ļ	1	1		RT05154140 Res., Fixed, 150kΩ±5%, ¼W RT05154140 Res., Fixed, 150kΩ±5%, ¼W
1.200				'	RT05154140 Res., Fixed, 150kΩ±5%, %W
RE09		1	1	1	RT05203140 Res., Fixed, 20kΩ ±5%, ¼W
RE10		1	1	11	RT05203140 Res., Fixed, 20k12 ±5% //W
RE11 RE12		1	1		RT05105140 Res., Fixed, 1MΩ ±5%, XW RT05105140 Res., Fixed, 1MΩ ±5%, XW
RE13		i	1	1	RT05105140 Res., Fixed, 1MΩ ±5%, ½W RT05103140 Res., Fixed, 10kΩ ±5%, ½W
RE14	1	1	1	1	RT05103140 Res., Fixed, 10ks2 ±5%, 4W
RE15		1	1	1	RT05105140 Res., Fixed, 1MΩ ±5%, ¼W
RE16 RE17		1	1	1	RT05105140 Res., Fixed, 1MΩ ±5%, ¼W RN05104140 Res., Fixed, 100kΩ±5%, ¼W
RE18		1	1	1	RN05104140 Res., Fixed, 100kΩ±5%, ¼W RN05104140 Res., Fixed, 100kΩ±5%, ¼W
_ = :					
RE19 RE20		1	1	1	RT05224140 Res., Fixed, 220k12±5%, 1/W
RE20			1	1	RT05224140 Res., Fixed, 220kΩ±5%, 14W RT05113140 Res. Fixed, 11kΩ +5%, 14W
RE22			1	- i F	RT05113140 Res., Fixed, 11kΩ ±5%, ¼W RT05113140 Res., Fixed, 11kΩ ±5%, ¼W
RE23		1	- 1	1	RT05113140 Res., Fixed, 11kΩ ±5%, ¼W
RE24 RE25		1	- E	1	RT05113140 Res., Fixed, 11kΩ ±5%, 1/W
RE26	_ I	-	1	1	RT05183140 Res., Fixed, 18kΩ ±5%, ¼W RT05183140 Res., Fixed, 18kΩ ±5%, ¼W
RE27	1	- i -	1	1	RT05183140 Res., Fixed, 18kΩ ±5%, ¼W RT05183140 Res., Fixed, 18kΩ ±5%, ¼W
RE28		1	1	1	RT05183140 Res., Fixed, 18kΩ ±5%, ¼W
RE29		1	1	1	RT05273140 Res. Fixed 27k0 +5% 1/W
RE30		· +	1		RT05273140 Res., Fixed, 27kΩ ±5%, ½W RT05273140 Res., Fixed, 27kΩ ±5%, ½W
RE31	1)		1	RT05562140 Res., Fixed, 5.6kΩ ±5%, %W
RE32				1	RT05562140 Res., Fixed, 5.6kΩ ±5%, ¼W
RE33 RE34		-	1	1	RT05183140 Res., Fixed, 18kΩ ±5%, ¼W RT05183140 Res. Fixed 18kΩ ±5%, ¼W
RE35	1			i	RT05183140 Res., Fixed, 18kΩ ±5%, ¼W RT05183140 Res., Fixed, 18kΩ ±5%, ¼W
RE36	1	1	3	1	RT05183140 Res., Fixed, 18kΩ ±5%, ¼W
RE39 RE40	1	1		1	RD01040070 Res., Variable, 100k12(B), Bass
1140	1			1	RD01040070 Res., Variable, 100k Ω(B), Mid
RE41	1	1		1	RD01040070 Res., Variable, 100kΩ(B),
RE42	1	1		1	Treble RG02030010 Res., Variable, 20kΩ(B)/ 250kΩ(V), Volume
RE43	1	1			RT05562140 Res., Fixed, 5.6kΩ ±5%, %W
RE44 RE45	1	1	í	1	RT05562140 Res., Fixed, 5.6kΩ ±5%, ¼W
7E46	1	1			RT05562140 Res., Fixed, 5.6k12 ±5%, XW RT05562140 Res., Fixed, 5.6k12 ±5%, XW
RE47	1	1			RT05562140 Res., Fixed, 5.6kΩ ±5%, ½W GU05122120 Res., Fixed, 1.2kΩ ±5%, ½W
RE48	1	1	1.		GU05122120 Res., Fixed, 1.2k12 ±5%, 1/W
SE01 K01	1	1	1		SR04050130 Rotary Switch, Tone Mode
	ľ	1'		1	YP10001130 Plug
K02	1	1			YP10001130 Plug
K03 K04	1 1				YP10001130 Plug
K05	1	1			YP10001130 Plug YP10001130 Plug
к06	1	1			(P10001130 Plug
K07	1	1			(P10001130 Plug
K08 K09	1	1			(P10001130 Plug (J07000120 Jack, 10P PC Connector)
	•	1			J07000120 Jack, 10P, PC Connector
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REF.		Τ-	0'1	T Y		E: For Europe
DESIG					PART NO.	DESCRIPTION
РК01		1	1.		YA22180310 ZZ22180310	P.W. Board, Dolby Socket P.W. Board Assembly
SK01 SK02		1	1		SC01020240	
JM01		2	2	2	SC01020240 YP06001340	
JM02		2	2	2	YP06001340	j · · · · ·
JM03		2			YP06001330	Plug, 8P
JM04		2	2	2	YJ06001380	
JM05	ĺ	2	2	2	YJ06001380	
JM06		2	2	2	YJ06001380	
PM01		2	2	2	YF22190010	
QM01		2	2	2	HV00007080	Power Transistor Assembly Varistor, STV-4H
QM02	- 1	2	2	2	HT315682B0	
		2	2	2	HT406103A0	
QM04	Į	2 2	2 2	2	HT206303A0	
QM05		2	2	2	HT405553A0 HT405553A0	
QM07		2	$\frac{2}{2}$	2	HT405553A0	
QM08		2	2	2	HT206003A0	Transistor, 250555 S, Q or R
QM09		2	2	2	HT206003A0	
QM10		2	2	2	HT206003A0	Transistor, 2SB600 S, Q or R
QM11		2	2	2	HT405553A0	Transistor, 2SD555 S, Q or R
QM12		2	2	2	HT206003A0	
CN01		1.	1	1	EA22700690	Cap., Elect., 220µF, 6.3∨
JN01 JN02		1	1	1	YP10001130	Plug
JN05		1	1	1	YP10001130 YP10001200	Plug
JN06		il	i	il	YP10001200	Plug
JN07		1	1	1	YP10001200	Plug
LN01		1	1	1	LY20480020	Relay, MSJ2, 48V
PN01		- 1		1	YA22180510	P,W. Board, Audio Muting
		1	1	1	ZZ22191080	P.W. Board Assembly
QN01			1			Transistor, 2SD667A B, C or D
QN02 RN01	1)			Diode, W06B
RN02		í	· .		RT05474140 RT05101140	Res., Fixed, 470kΩ±5%, ¼W
RN03	1		· /			Res., Fixed, 1000 ±5%, %W
RN04	1		-			Res., Fixed, 22kΩ ±5%, ½W Res., Fixed, 22kΩ ±5%, ½W
RN05	1		1 1			Res., Fixed, 1.8kΩ ±5%, 1W
RN06	1	11	1			Res., Fixed, 47ks2 ±5%, %W
PR01	1	1	1		YF22190020 I	P.W. Board, Wiring for Tape
CS01 ·	1		1	1		Copy & Monitor Cap., Film, 0,047µF, 50V
CS02	1	,				
CS02 CS03	1	1		1 7	EA10601690 (EV33403560 (Cap., Elect., 10µF, 16∨ Cap., Elect., 0.33µF, 35∨
CS04	i	1		1 7	V22403560 0	
CS05	1	1			DF16333050	Cap., Elect., 0.22µF, 35V Cap., Film, 0.033µF, 50V
JS01	1	1	1	1	(P06001350 F	Ylug, 10P
JS02	1	1	1		′P06001290 P	Ylug, 8P
JS03	1	1	1		′P06001050 F	Plug, 5P
JS04 JS05	1	1	1	1	P06001050 P	lug, 5P, Basepost
J\$06 -	1	1	1			Plug, 3P, Basepost Plug, 3P, Basepost
JS07	1	-1	 1		• • ·	a marine a second for
KS01	1	1				lug, 5P, Basepost .W. Board, Scope & Tape
		ľ	1	1 '	N	Ioni, Switches & Dubbing
]	,					acks
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U: For U.S.A. C: For Canada E: For Europe

REF.	Т	Q	ΤY		n		REF.	—	0"	TΥ
DESIG.	h	Ţ	c	E	PART NO.	DESCRIPTION	DESIG.	hi	Σľ	
PS01		1	1	1	YK22191410	P.W. Board, Tape Copy, Tape	RT06			1
						Moni., & Scope Display	RT07			
					-	Switches	RT08	1.1	1	
		1	1	1	ZZ22191210	P.W. Board Assembly	RT09		1	
		. [RT10	1	1	ı ·
RS01 RS02			- 1	1	RT05103140		1 1	1	1	'
RS02			1	1 1	RT05100140		1 1	1	1	1
RS04		- 1		;	RT05221140 RT05224140			1		
RS05		- 1	1	;	RT05473140		1 1	1	1	1
RS06			1	1	RT05473140		1 1	1	1	
RS07			1	1	RT05224140	Res., Fixed, 220kΩ±5%, ¼W			1	1
RS08			1	1	RT05304140			1	1	
RS09		ł	1	1	RT05304140		1 1	1		
SS01		· ·	1	1	SP04080020	Pushswitch, Tape Copy, Tape	RT19	1	1	1
						Moni., & Scope Display	RT20	1	1	1
CT01			. .	.	054540404		RT21	1		
CT02	1		1	1	DF15104010 DF15104010	Cap.; Film, 0.1µF, 50V	1 1	1	ſ	- 1 - 1
CT02	1		1	1	DF15104010 DF15104010	Cap., Film, 0.1µF, 50V Cap., Film, 0.1µF, 50V	1 1	1		1
CT04	1	- 1			DF15104010	Cap., Film, 0,1µF, 50V Cap., Film, 0,1µF, 50V		1	1	1
CT05	1		- 1	1	DF15104010	Cap., Film, 0.1µF, 50V Cap., Film, 0.1µF, 50V	1 1	1	1	1
CT06	1	1	1	1	DF15104010	Cap., Film, 0.1µF, 50V		1		1
CT07	1		1		DF15152010	Cap., Film, 0.0015µF, 50V		.1	li	
CT08	1		•	I	DF15152010	Cap., Film, 0.0015µF, 50V		1	1	1
CT09	1	1			DF15222010	Cap., Film, 0.0022µF, 50V	RT29	1	1	1
CT10	1	1	1		DF15222010	Cap., Film, 0.0022µF, 50∨		1	1	1
CT11	1	1	1		DE17224040		RT31	1	1	
CT12	1		1	- 1	DF17224010 DF17224010	Cap., Film, 0.22µF, 50V			1	1
CT13	1	1	- 1		DD15391010	Cap., Film, 0.22µF, 50V Cap., Ceramic, 390pF, 50V		1	1	1
CT14	1			•	DD15391010	Cap., Ceramic, 390pF, 50V Cap., Ceramic, 390pF, 50V	1 1	1	1	1
CT15	1	1	1	1	DD11050010	Cap., Ceramic, 550F, 50V	1 1	1	1	1
CT16	1	- 1 - 1	1 1		DD11050010	Cap., Ceramic, 5pF, 50V		1	11	1
CT17	1	1		1	DD16151010	Cap., Ceramic, 150pF, 50V		1	1	1
CT18	1	1	1		DD16151010		RT38	1	1	1
CT19 CT20	1	1	-) · ·	- 1	DF16333010	Cap., Film, 0.033µF, 50V	RT39	1	1	1
0120	1	1	1		DF16333010	Cap., Film, 0.033µF, 50V	RT40	1	1	1
CT21	1	1	1		EE10602540	Cap., Elect., 10µF, 25V	ST01 JU01	1	1	1
CT22	1		+		EE10602540	Cap., Elect., 10µF, 25V Cáp., Elect., 10µF, 25V	JU02	1	1	1
CT23	1	1	1	1	EA10701690	Cap., Elect., 100µF, 16V	JU03	1	1	1
CT24	1	1			EA10701690	Cap., Elect., 100µF, 16V		1		1
CT25	1	1	1	1	DE16153010	Cap., Film, 0.015µF, 50V	JU04	1	1	1
JT01	1	1	1		YP06000340	Plug, 3P, Amp	JU05	1	1	1
JT02	1	1	+		YP06000340	Plug, 3P, Amp	JU06	1	1	1
JT03 JT04	1	1	1		YP06000700	Plug, 9P, Amp	JU07	1	1	1
JT04	1				YP06000580 YP06001050	Plug, 5P, Basepost		.		·
	1		1'	1		Plug, 5P, Basepost	PU01	,	4	
								1	1 1	1
PT01	1	1	1		YK22190220	P.W. Board, Filter Amp		'	'	1
	1	1			ZZ22192020	P.W. Board Assembly	JW01	1	1	1
		ł		1	ĺ	· · · · •	JW02	1	1	1
QT01	1	1	1		HT316812A0	Transistor, 2SC1681 GR or BL	50WL	1	1	1
QT02	1	1	1		HT316812A0	Transistor, 2SC1681 GR or BL	JW04	1	1	1
ОТ03 ОТ04	1	1			HT316812A0	Transistor, 2SC1681 GR or BL	JW05	1	1	1
QT05	1	1) 1 1		HT316812A0 HT108412A0	Transistor, 2SC1681 GR or BL				
QT06	1		1		HT108412A0	Transistor, 2SA841 GR or BL Transistor, 2SA841 GR or BL	DIALON	.		
RTOI	1	1	1		GD05114140	Res., Fixed, 110kΩ±5%, %W	PW01	1	1	1
RT02	1	1	1	(GD05114140	Res., Fixed, 110kΩ±5%, %W		1		1
RT03	1	1	1		GD05244140	Res., Fixed, 240kΩ±5%, %W	RW01	1	1	1
RT04	1	1	1	- E	GD05244140	Res., Fixed, 240kΩ±5%, %W	RW02	1	1	1
DTOC				ĺ .			RW03	1	1	1
RT05	1	1	1	1	GD05113140	Res., Fixed, 11kΩ ±5%, ¼W	RW04	1	1	1
				1		·				
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1				1	ł	1	1 1	1	- 1	

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REF. DESIG				TY :[E	PART NO.	DESCRIPTION
RT06 RT07 RT08		1 1 1	1 1 1	1	GD05225140 GD05225140	Res., Fixed, 2.2MS115%, 14W
RT09 RT10		1	1			
RT11		1	1		GD05113140) Res., Fixed, 11kΩ ±5%, ¼W
RT12 RT13		1 1	1	1		
RT14		1	1			
RT15		1	1	1	GD05225140	
RT16		1	1	1	GD05225140	Res., Fixed, 2,2M1215%, 1/4W
RT17		1	1	1	GD05225140	Res., Fixed, 2.2M12±5%, 1/4W
RT18		1	1	1	GD05222140	
RT19 RT20		1	1	1	GD05113140	
RT21		1	1	1	GD05113140 GD05562140	
RT22	ł	1	1	1	GD05562140	
RT23		1	1	1	GD05103140	
RT24		1	1	1	GD05103140	
RT25		1	1	1	GD05274140	Res., Fixed, 270kΩ±5%, %W
RT26		1	1	1	GD05274140	
RT27		1	1	1	GD05301140	Res., Fixed, 30012 ±5%, 1/4W
RT28	- Į	1	1	1	GD05301140	
RT29 RT30		1 1	1 1	1	GD05104140 GD05104140	
RT31		il	1	i	GD05153140	
RT32	- 1	iļ	1	1	GD05153140	
RT33		1	1	1	GD05102140	,
RT34		1	1	1	GD05102140	Res., Fixed, 1kΩ ±5%, %W
RT35		1	1	1	GD05334140	
RT36		1	1	1	GD05334140	Res., Fixed, 330kΩ±5%, ¼W
RT37 RT38	1	1	1 1	1	GD05225140	
RT39			1	1	GD05225140 GD05124140	Res., Fixed, 2.2MΩ±5%, ¼W Res., Fixed, 120kΩ±5%, ¼W
RT40			1	1	GD05124140	
ST01	1	1	1	1	SP02050030	Pushswitch
JUO1	1		1	1	YJ01001040	Jack, Dubbing In
JU02			1	1	YJ01001050	Jack, Dubbing Out
JU03			1	1	YJ06001350	Jack, 10P
JU04			1	1	YJ06001370	Jack, 4P
JU05 JU06			1 1	1	YJ06001370 YP06000570	Jack, 4P Plug, 3P, Basepost
JU07	1		1	1	YP06000570	Plug, 3P, Basepost Plug, 3P, Basepost
	.					
PU01	1		1	1	YK22191420	P.W. Board, Dubbing Jacks
	1		1	1	ZZ22191220	P.W. Board Assembly
JWO1	1		1	1	YP10001200	Pluo
JW02	1		1	1	YP10001200	Plug
1W03	1		1	1	YP10001200	Plug
JW04	1	1	1	1	YP10001200	riug .
JW05	1		1	1	YP10001200	Plug : b
0445-5						• 21
PW01	1		1	1	YD22180050 ZZ22180050	P.W. Board, Speaker Switches P.W. Board Assembly
- DWOT		.		1		- المستحيد المحادير
RW01 RW02	1	1		1	GS10331070 GS10331070	Res., Fixed, 330Ω ±10%, 7W
RW02	1		1	1		Res., Fixed, 33012 ±10%, 7W Res., Fixed, 15012 ±5%, 2W
RW04	1	1	· I	1	GJ05151020	Res., Fixed, 150Ω ±5%, 2W
		1		1	1	

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U: For U.S.A. C: For Canada E: For Europa

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EVF Link -

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	Ū	רב כ	Y E	PART NO.	DESCRIPTION		REF. DESIG,	U	ат с		PART NO,	DESCRIPTION
SW01	1	1	£ '	SP04020180	Pushswitch, Speakers		RX14	1	1	1	RT05473140	Part Charles Antion and the
WW01	1	1	1.1	YB00630010	Connective Cord		RX15	1	1	1	RT05473140	
WW02	1	1	1	YB00630020	Connective Cord		RX 16	1	1	1	RT0547314(
CX01 ·	1	1	1	EA47505090	Cap., Elect., 4.7µF,	50V	RX17		1	1	RT05753140	
CX02	1	1	1	EA47505090	Cap., Elect., 4.7µF,	50V	RX18	1	i	1	RT0575314(
CX03	1	1	1	EA10700690	Cap., Elect., 100µF,	6.3V	RX19	1	1 8	1		
	[ĺ	i			0.01	RX20		1		RT05753140	
CX04	1	1	1	EA10701090	Cap., Elect., 100µF,	10V	RX21	1	1 1	1	RT0575314(
CX05	1	1	1	EA10610010	Cap., Elect., 10µF,	100V		1	1	1	RT0522314(
CX06	1	1	1	EA22601090	Cap., Elect., 22µF,	10V	RX22	1	1	1	RT05223140	Res., Fixed, 22k12 ±5%, 14V
JX01	1	1	1	YJ06001300	Jack, 6P		- Duna			.		
JX02	1	1		YJ06001300	Jack, 6P		RX23	1	1 1	1	RT05511140	
JX03	1	1	11	YP06000570	Plug, 3P	516	RX24	1	1	1	RT05511140	
JX04	1	1	11	YP06000570	Plug, 3P		RX25	1		1	RT05753140	I compare the second state of the second state
X05	1	1	i	YP06000600		11.	RX26	1		1	RT05753140	Res., Fixed, 75k 1 ±5%, 14V
		•	'	11 00000000	Plug, 5P	j.	RX27	1	1	1	RT05512140	
						1	RX28	1	1	1	RT05512140	Res., Fixed, 5.1kΩ ±5%, %W
×01	1	1	4	VKODIOORO		11	RX 29	11	1	1	RT05822140	Res., Fixed, 8,2kΩ ±5%, ¼W
AV1	1	'	1	YK22190210	P.W. Board, Peak Ind. &	Soft	RX30	11	1	1	RT05822140	Res., Fixed, 8.2kΩ ±5%, ¼W
					Start		RX31	1	1	1	RT05104140	Res., Fixed, 100kΩ±5%, ¼W
	1	1	1	ZZ22190210	P.W. Board Assembly		RX32	1	1	1	RT05104140	
							l i					
	1	1	1	HT315733A0	Transistor, 2SC1573 P, Q	orR	RX33	1	1	1	GJ05392020	Res., Fixed, 3.9kΩ ±5%, 2W
	1	1	1	HT315733A0	Transistor, 2SC1573 P, O	orR	RX34	1	1	1	GJ05392020	
	1	1	1	HT109412A0	Transistor, 2SA941 GR o	r 81.	RX35	1 1		1	RT05332140	
	1	1	1	HT109412A0	Transistor, 2SA941 GR o	r BL	RX36	1 1		1	RT05753140	
1	1	1	1	HT109412A0	Transistor, 2SA941 GR o	r BL	RX37			1	RT05822140	Res., Fixed, 75kΩ ±5%, ¼W
	1	1	1	HT109412A0	Transistor, 2SA941 GR o	r BL	RX38	1 1	1	· .		
2X07	1	1	1	HT309452A0	Transistor, 2SC945 Q or I		RX39	1 1	- F		RT05104140	
1X08	1	1	1	HT309452A0	Transistor, 2SC945 Q or F		RX40	1 1		· ·	GJ05472020	Res., Fixed, 4.7kΩ ±5%, 2W
1X 09	1	1	1	HT309452A0	Transistor, 2SC945 Q or F		RX41				RT05472140	
X10 1	1	1	1	HT309452A0	Transistor, 2SC945 Q or F		1			-	RT05154140	
					200010 4011	* : : •	RX42	1	1	1	RT05562140	Res., Fixed, 5.6kΩ ±5%, ¼W
X11 1	1	1	1	HD20011010	Diode, W06C, 200V 0	750	DV40			.	0 105 4 50000	
X12 1	1	1	1		Diode, W06C, 200V 0		RX43	1 1	-		GJ05152020	Res., Fixed, 1.5kΩ ±5%, 2W
X13 1	1	1	1			· • •	RX44	1			RT05273140	Res., Fixed, 27kΩ ±5%, %W
X14 1	1	- 1				85V	RX45				RT05274140	Res., Fixed, 270kΩ±5%, ¼W
X15 1	1		,			57	CY01	5 1	1		EA47601690	Cap., Elect., 47µF, 16V
i	1	1	. 1	up coo co co co l		5V	JY01				YP10001200	Plug
1	i -		F		• • • • • •	5V	JY03		1 1		YP10001200	Plug
X18 1				-1030023090[/		.1V	JY04		1 1	1	YP10001200	Plug
1		1		HD30023090 2		.1V	JY05		1 1		YP10001200	Plug
1				T107332A0	Fransistor, 2SA733 R or C	2	JY08		1 1		YP10001200	Plug
120			* *	HT107332A0	Fransistor, 2SA733 R or C	2	90 YL	1	1 1		YP10001200	Plug
X21 1			. .	1720647000					I			
	1	1		1720047280	ransistor, 2SB647A C or	D	JY10 -	1	1 1		YP10001200	Plug
		- 1		10/332A0 1	ransistor, 2SA733 R or C	1	JY13 🗠	1 1	1 1	'	YP10001200	Plug
X23 1	1	1	!	1/00003120	aristor, MV13		JY14 -	1 1	1 1		YP10001200	Plug
X24 1	- i			100003120	aristor, MV13		JY 15		1 1	1	YP10001200	Plug
X25 1	1		H	1D20001210 D	Diode, 1\$2473		JY16	1 1	1		YP10001200	Plug
×26 1	- I	1.)iode, 1S2473		JY17	1 1	1	1	YP10001200	Plug
K27 1			⊢ F	1D20005010 D	liode, W06B	·	JY18 ··	1 1			YP10001200	Plug
(28 1	1	1	- F	ID30023090 Z	ener, WZ-071		JY 19 🔅	1)	1		YP10001200	Plug
(01 1	1	1	F	T05103140 F	les., Fixed, 10k 12 ±5%,	%W	JY 20	1 1			YP10001200	Plug
(02 1	1	1	F	T05103140 A	les., Fixed, 10kΩ ±5%,	WW	JY 23	1 1	1			•
		ļ						' '	' '		11 10001200	Plug
(03 1	1	1	- P	T05303140 R	es., Fixed, 30kΩ ±5%,	2w	JY 24	1 1	1	1.	1010001000	Dive
(04 1	1	1			es., Fixed, 30kΩ ±5%,	2.W	4.47	•		1	(P10001200	Plug
(05 1	1	1		T05393140 R	es., Fixed, 39kΩ ±5%,		•					
06 1	1	1	1	T05393140 R	es., Fixed, 39kΩ ±5%,		-		1.	.	00010000	6 • • • • • • • • • • • • • • • • • • •
07 1	1	1	í _	T05103140 R	er Fived 1061 - 50%		PY01	1 1	1	۱)	(D22180030	P.W. Board, Function
1 80	1	1		T05103140 R	es., Fixed, 10k() ±5%,			-		1		Indicator
09 1	1				es., Fixed, 10kΩ ±5%,	74 V V	1.1.26	1 1	1			P.W. Board Assembly
10 1	1	1		T05222140 R	es., Fixed, 2.2kΩ ±5%,	24W	1.11	ĺ	1	2	222198030	P.W. Board Assembly
11 1	1	1		TO5222140 H	es., Fixed, 2.2kΩ ±5%,	4W				1		-
12 1				T05243140 R	es., Fixed, 24kΩ ±5%,	4W		1 1	1	1 1		L.E.D., Peak Ind. (R)
• 4 1	1	1	H	T05243140 R	es., Fixed, 24kΩ ±5%, '	4W	QY02	1 1	. 1	+ +		L.E.D.,Peak Ind. (L)
1	1	١.					QY03	Ë (1	1		L.E.D., Tape
	4											
13 1	1	11	H	T05473140 R	es.,Fixed, 47kΩ ±5%, !	4W 1	QY04	1 1	1	1 1	1110004030	
	1]	H	105473140 H	es., Fixed, 47kΩ ±5%, 1	/w	QY04	1 1	1	F	110004030	L.E.D., Tape
	1]]	H	105473140 Hi	es., Fixed, 47kΩ ±5%, !	%W	QY04	1 1	1	F	1110004030	

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DESCRIPTION

Terminal, Tape Moni, 1 In &

Terminal, Tape Moni, 2 In &

REF. DESIG.	1	α'τ Γc	Y E	PART NO.	DESCRIPTION .		REF. DESIG.	£		ΓY : Έ	
QY05	1	1	1	HI10004030	L.E.D., Aux 1	-	J004	1	1	1	+
QY06 QY07	1	1		HI10004030 HI10004030	L.E.D., Phono 2 L.E.D., Phono 1		J005	1	1	1	
QY 08	1	1	1	HI10004030	L.E.D., FM				1	'	
QY 09 QY 10		1	1	HI10004030 HD20001210	L.E.D., AM Diode, 1\$2473		J006 J007	1	1		ł
		1									
QY 10 RY 01	1	1	1	HD20005010 RT05751140	· · · · · · · · · · · · · · · · · · ·		800L	1	1	1	- 1
RY02	1	1	1	RT05751140	· · · · · · · · · · · · · · · · · · ·		J010	i	1	1	
JZ01	11	1	1	YP10001130	Plug		J011	1	1	1	
JZ02 JZ03	1	1	1	YP10001130 YP10001130	Plug Plug		J012 J013	1	1	1	- 1
JZ04	1	1	1	YP10001130	Plug		J014	1	1	1	- 2
JZ05	1	1	1	YJ08000170	Jack		J015	1	1	1	
JZ06 JZ07	1	1	1	Y J08000170 Y J08000170	Jack		J016 J017	1	1	1	1
5207		['	ľ	1308000170	Jack		5017	'		,	
JZ08 JZ09	1	1	1 1	YJ08000170 YJ08000170	Jack Jack		J018 J019	1	1	1	
JZ10	1	1	1	YJ08000170			J020	1	1	1	
JZ11	1	1	1	YJ08000170	Jack		J021	1	1	1	
JZ12 JZ13	1	1	1	YJ08000170 YJ08000170	Jack		J022 J023	1	1	1	
JZ14	1	1	1	YJ08000170	Jack		J023	1	1	1	
JZ15	1	1	1	YJ08000170	Jack		J025	1	1	1	
JZ16 JZ17	1	1	1	YJ08000170 YJ08000170	Jack Jack		J026 J027	1. 1	1	1	
JZ18 JZ19	1	1	1	YP10001130 YP10001130	Plug Plug		J028 J029	1	1	1	
JZ20	i	li	1	YP10001130	Plug		J029	1	1	1	
JZ21	1	1	1	YP10001130	Plug		J031	1	1	1	
		1	1				J032 J033	1	1	1	
PZ01	1	1	1	YD22180040	P.W. Board, Dial Lamp		J033	1	1	1	
	1	1	1		P.W. Board Assembly		J035			1	
VZ01	1	1	1	IN 10080070	Lamp, 8V 0.2A		J035 J036	1	1	1	
VZ02	i	i	1	IN10080070	Lamp, 8V 0.2A	1 .					
VZ03	1	1	1	IN 10080070	Lamp, 8V 0.2A		J036	1	1		Ì
VZ04 VZ05	1	1	1 1	IN 10080070 IN 10080070	Lamp, 8V 0.2A Lamp, 8V 0.2A	· ·	J037 J037	1	1	1	
VZ06	1	1	1	IN 10080070	Lamp, 8V 0.2A		J038	1	1	.	
C001	1	1	1	DK17103010			J038			1	
C002 C003		! 1 [1	1	DK17103010 ES72810010	Cap., Ceramic, 0.01µF, 50V Cap., Elect., 7200µF, 100V		J039 J039	1	1	1	İ
C004	1	1	1 1	ES72810010	Cap., Elect.; 7200µF, 100V		J040	•	•	1	
0005				0.000.000.00			J041	1		1	
C005 C006	1	1	1 1	DO07473540 DF17223520	Cap., Oil-paper, 0.047µF, 450V Cap., Film, 0.022µF, 400V	I .	J042	1	1	1	
C007	1	1	1.	DF17223520	Cap., Film, 0.022µF, 400V		L001	1	1	1	
F001	2	2	2	FR30800010	Circuit Breaker		L002		1	1	
F002 F003	2 2	22		FR30800010 FR30600010	Circuit Breaker Circuit Breaker		L003 L004	1	1	1	
F004	2	2	2	FR30600010		-1	L005	1	1		
F005			1	FS10800810	Fuse	ŀl	L005 M001	1		1	
F005 F005	1	1		FS11500010 FS11500020	Fuse		M001	'	1	Ŧ	
Food						3	Q001	1	1	1	
F006 G001	1	1		FS21500970 BF10400030	Fuse Cap. Comp., Spark Killer		Q002	1	1	1	
G001		1		BF33300020	Cap. Comp., Spark Killer		R001	1	1	1	Î
1001 1002	1	1	1	BY04050010	Terminal		R002		-		
1002 1003	1 1	1	1 1	Y T02010130 Y T02040190	Terminal, FM Quad. Output Terminal, Phono			r	+	'	
	-										
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YT02040170 Terminal, Pre Out & Main In YT03040160 Terminal, Spk, System 1 YT03040160 Terminal, Spk. System 2 YJ01001060 Jack, Phones YT01010050 Chassis Ground. Terminal, YJ05000182 Jack, C.R.T. Socket YJ06001390 Main In (L) Jack. YJ06001400 Jack, Main In (R) YJ06001050 5P Jack, YJ06001050 Jack, SP YJ06001360 5P Jack, YJ06000320 5P Jack. YJ06001050 5P Jack, YJ06001250 Jack, 5P YJ06001050 Jack, 5P YJ06001050 Jack, 58 YJ06001050 Jack, 5P YJ06001050 5P Jack, YJ06001050 Jack, 5P YJ06001240 Jack, 3P YJ06001240 Jack, 3P YJ06001240 Jack, 3P YJ06001040 Jack, 3P YJ06001040 Jack, 3P YJ06001040 3P Jack, YJ06001040 Jack, 3P YJ06001040 3P Jack, YJ06001240 Jack, 36 YL01030010 Terminal, 3P YJ04000560 Jack, AC Outlet YJ04000590 | Jack, 3P YJ04000560 AC Outlet Jack, YJ04000590 Jack, 3P YT02020140 Terminal, 2P, Aux YT02040140 Terminal, 4P, Aux 1 & 2 11P, Relay Socket YJ06001410 Jack, YJ06001420 11P, Relay Socket Jack, YJ08000220 Jack, Fuse Holder YJ08000240 Fuse Holder Jack, BY03110010 Plug, Voltage Selector YJ06001040 Jack, 3P YJ06001050 5P Jack. LF11200520 AM Antenna Coil, LC11540020 Choke Coll, AM LB30075260 Balun Coil LY30480010 Relay, Soft Start TS44502010 Power Transformer TS44502020 Power Transformer MI01150010 AC Motor MI01150020 AC Motor HE20001290 Diode, S5VB40 HE20001290 | Diode, S5VB40 RK02030160 Res., Variable, $20k\Omega(B)$, Muting Level RA05030180 Res., Šemifixed, 50kΩ(B); Bright

PART NO.

YT02040140

YT02040140

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REF. DESIG		j	α'π ∏c		PART NO. DESCRIPTION
R003		1	1	1	RK02040060 Res., Variable, 200kΩ(B),
R004		1	1	1	Focus RB01030240 Res., Variable, 10kΩ(8),
R005		1	1	1	Vertical RB01030240 Res., Variable, 10kΩ(B),
R006		1	1	1	Horizontal RT05100140 Res., Fixed, 10Ω±5%, ¼W
R007		1	1	1	R\$02030110 Res., Variable, 20kΩ(MN), Balance
R008			1		
R009 R010		1 1	1	1	GS05472020 Res., Fixed, 4.7kΩ ±5%, 2.5W GS05472020 Res., Fixed, 4.7kΩ ±5%, 2.5W
R012		1	1	1	GQ10821100 Res., Fixed, 8200 ±5%, 10W
R013 R013		1	1		GQ10100100 Res., Fixed, 10Ω ±10%, 10W
S001		1	1	1	GS10220200 Res., Fixed, 22Ω ±10%, 20W SP04010230 Pushswitch, Power
S001			j	1	SP04010250 Pushswitch, Power
V001]	1	- 1	1	VB00235012 Cathod Bay Tube
V002			2	2	IN10080410 Lamp, 8V 50mA
V003 V004			1	1 1	IN10080340 Lamp, 8V 60mA, Stereo IN10080340 Lamp, 8V 60mA
V004			1	1	IN10080340 Lamp, 8V 60mA IN10080340 Lamp, Dolby
W001 W001		1	,	1	YC01900030 AC Power Cord
W010			1	1	YC02400270 AC Power Cord YB00600060 Connective Cord
W011			1		YB00600060 Connective Cord YB00600070 Connective Cord
W012			1		YB00600080 Connective Cord
W013	1	1	1	ſ	YB00600090 Connective Cord
W014 W015			1		YB00450010 Connective Cord YB00160030 Connective Cord
W016			1		YB00660010 Connective Cord
W017			1		YB00510010 Connective Cord
W018		- i	1	1	YB00160020 Connective Cord
W019 C101		1	1	1	YB00140020 Connective Cord DD16150010 Cap., Ceramic, 15pF ±10%
C102			1	1	DD16101010 Cap., Ceramic, 150F ±10%
C103	1		1	1	DD16101010 Cap., Ceramic, 100pF ±10%
2104				•	DK18203030 Cap., Ceramic, 0,02µF+80%, -20%
2105		ł	1		DK18203030 Cap., Ceramic, 0.02µF+80%, -20%
2106	1				DK18203030 Cap., Ceramic, 0.02µF+80%, -20%
C107 C108	1				DD16180020 Cap., Ceramic, 18pF ±10%
					DD16180020 Cap., Ceramic, 18pF ±10%
2109	1			Į	DK18203030 Cap., Ceramic, 0.02µF±80%, -20%
110	1	1			DK18203030 Cap., Ceramic, 0.02µF+80%, -20%
111	1	1			DD16101010 Cap., Ceramic, 100pF ±10% DK18203030 Cap., Ceramic, 0.02µF+80%,
113	1	1	1	t	-20% DK18203030 Cap., Ceramic, 0.02µF+80%,
114	1	1	1	-	-20% DD12100010 Cap. Ceramic 10nE +10%
115	1	1	1		DD12100010 Cap., Ceramic, 10pF ±10% DD16180020 Cap., Ceramic, 18pF ±10%
116	1	1	1		K18203030 Cap., Ceramic, 0.02µF+80%,
117			.		-20%
117 118	1	1	1	1	D11080010 Cap., Ceramic, 8pF ±0.5pF D10010020 Cap., Ceramic 1pF ±0.5pF
~	['		'		D10010020 Cap., Ceramic, 1pF ±0.5pF
119 120	1	1	1		D16150090 Cap., Ceramic, 15pF ±10%
	1	[1]	1	0	D12100090 Cap., Ceramic, 10pF ±10%

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	REF. DESIC			0 T C	Υ Ε	PART NO.	DESCRIPTION
	C121		1	1	1	DK1820303	0 Cap., Ceramic, 0.02µF+80%, -20%
	C122 C123 C151 C152 C153 C155 C156		1 1 1 1 1	1 1 1 1 1 1 1 1	1 1 1 1 1 1 1	CA53700010 CT 10500030 DF 17103010 DF 17102010 DF 17103010 DF 17103010 DF 17103010 DF 65391010	0 Cap., Variable, FM-5, AM-3 Cap., Trimmer, $3pF \sim 8pF$ 0 Cap., Film, $0.01\mu F$ 0 Cap., Film, $0.001\mu F$ 0 Cap., Film, $0.01\mu F$ 0 Cap., Film, $0.01\mu F$ 0 Cap., Film, $0.01\mu F$
	C157 C158 C159 C160 C161 C162 C163 C164 C165 C166		111111111111111111111111111111111111111		1 1 1 1 1 1 1	DF17403010 DD16101010 DF17403010 DF17102010 EA47503590 EA33505090 DF17473010 DF17103010 DK17103010 EV10403560	Cap., Film, 0.04μ F Cap., Ceramic, 100ρ F Cap., Ceramic, 100ρ F Cap., Film, 0.04μ F Cap., Film, 0.001μ F Cap., Elect., 4.7μ F, $35V$ Cap., Elect., 3.3μ F, $50V$ Cap., Film, 0.047μ F Cap., Film, 0.01μ F Cap., Film, 0.01μ F
	C167 C168 C169 C170 C171 C172 F151 J101 J102 J103		1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	EV10503560 DK17502010 EA10701690 DK18403020 DK18403020 EA10701690 FF10045160 YJ06001150 YJ06001150 YJ06001150	Cap., Elect., 1µF, 35V Cap., Ceramic, 0.005µF Cap., Elect., 100µF, 16V
	J104 J105 L105 L151 L152 L153 L154 L155		1	1 1 1 1 1	1 1 1 1 1 1 1 1	YJ06001150 YJ06001150 LI71016060 LA10010190 LO10010480 L110015010 L110015060 LC13320020	Jack Jack I.F.T., FM Coil, RF Coil, OSC I.F.T., AM I.F.T., AM Choke Coil
I	P100	1	1	ł	1	YD22180020 AV01202080	P.W. Board, FM Front End Front End Assembly
	2101 2102 2103 2104 2151 2152 3101 3102 3103 3104	1 1 1 1 1 1 1 1 1 1 1		1 1 1 1 1 1		HF400591A0 HF400591A0 HF400591A0 HC10029050 HC10019010 HT313272A0 GD05473140 GD05123140 GD05473140	F.E.T., 35K59
A A A A A A A A A A A A A A A A A A A	1105 106 107 108 109 110 111 112 113 114	1 1 1 1 1 1 1 1 1				GD05101140 GD05101140 GD05182140 GD0512140 GD05123140 GD05123140 GD05101140 GD05101140 GD05101140 GD05101140	Res., Fixed, $100\Omega \pm 5\%$, %W Res., Fixed, $100\Omega \pm 5\%$, %W Res., Fixed, $1.8k\Omega \pm 5\%$, %W Res., Fixed, $47k\Omega \pm 5\%$, %W Res., Fixed, $12k\Omega \pm 5\%$, %W Res., Fixed, $47k\Omega \pm 5\%$, %W Res., Fixed, $100\Omega \pm 5\%$, %W Res., Fixed, $47k\Omega \pm 5\%$, %W Res., Fixed, $47k\Omega \pm 5\%$, %W Res., Fixed, $47k\Omega \pm 5\%$, %W

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REF. DESIG.	Ū	דיב כ	ΪĒ	PART NO,	DESCRIPTION		REF. DESIG.	Ū	0'Т] с	Y] E	PART NO.	DESCRIP	TION
R115	1	ł٠.	1	GD05101140	Res., Fixed, 100Ω ±5%, ¼W				+	1			
R116	1	1	1	GD05331140	Res., Fixed, 330Ω ±5%, %W		C243	1		1	DD16201010		00pF
R151	i		1				C244	1		1	DD16201010	Cap., Ceramic, 2	00pF
R152	1		1	RT05201140	Res., Fixed, 220Ω ±5%, %W		C247	1	1	1	DD16201010	Cap., Ceramic, 2	00pF
	1	3	1	RT05302140	Res., Fixed, 3kΩ ±5%, ¼W		C248	1	\$	1	EA22601690	Cap., Elect., 2	2µF, 16
R153	1		1	RT05103140	Res., Fixed, 10k 1 ±5%, 1/W		C249	1	1	1	EA47601690	Cap., Elect., 4	7µF, 16
R154	1	1.1	1	RT05103140	Res., Fixed, 10k 1 ±5%, 1/W		C250	1	1	1	EA10701690	Cap., Elect., 1	00µF, 16
R155	1	11	1	RT05301140	Res., Fixed, 300Ω ±5%, ¼W		C251	1	1	1	DK18403010		.04µF
R156	1	1	1	RT05102140	Res., Fixed, 1kΩ ±5%, ¼W		C252	1	1	1	EQ22405010		0.22µF; 50
R157	1	1	1	RT05204140	Res., Fixed, 200kΩ±5%, ¼W	1	C253	1	1	1	EA10601690		Ομ F , 16
3158	1	1	1	RT05473140	Res., Fixed, 47kΩ ±5%, ¼W		C254	1		1	EA10601690		Ομ Ε , 16
R159	1	1	1	RT05102140	Res:, Fixed, 1kΩ ±5%, %W		C255	1	1	1	EA10601690	Cap., Elect., 1	0µF, 16
3160	1	1	1	RT05332140	Res., Fixed, 3.3kΩ ±5%, ¼W		C256	1	1	1	CT15000010	Cap., Trimmer, 5	
7161	1	1	1	RT05104140	Res., Fixed, 100kΩ±5%, %W		C257	1	1	1	CT15000010	Cap., Trimmer, 5	
162	1	1	1	RT05101140	Res., Fixed, 10012 ±5%, 1/4W	1 ·	C258	1	1	1	CT15000010	Cap., Trimmer, 5	
3163	1	1	1	RA01030250	Res., Semifixed, 10kΩ		C259	1	1	1	CT15000010	Cap., Trimmer, 50	
3164	1	1	1	RT05152140	Res., Fixed, 1.5kΩ ±5%, 1/W		C260	1	1	1	1		•
3165	1	1	1	RT05101140	Res., Fixed, 100Ω ±5%, ¼W	1	C261	1	1	1	CT15000010	Cap., Trimmer, 50	
3166	1	1	1	RT05101140	Res., Fixed, 100Ω ±5%, ¼W		1				DK18403020	Cap., Ceramic, 0.	
201	1	1	1	DK17103010	Cap., Ceramic, 0.01µF	1	C262	1	1		DK18403020	Cap., Ceramic, 0.	
202	1		1	DK17103010			F201	1	1	1	FF11070050	Ceramic Filter, 10	
	1	•	'	0111103010	Cap., Ceramic, 0.01µF		F202	1	1	1	FF11070050	Ceramic Filter, 10	D,7 MHz
203	1	1	1	DK17103010	Cap., Ceramic, 0.01µF		F203	1	1	1	FF11070050	Ceramic Filter, 10	0.7 MHz
204	1	1	1	DK17103010	Cap., Ceramic, 0.01µF		F204	1	1	1	FF11070050	Ceramic Filter, 10	D.7 MHz
205	1	1	1	DK18403010	Cap., Ceramic, 0.04µF		F205	1	11	1	FF11070050	Ceramic Filter, 10	
206	1	1	1	DK18403010	Cap., Ceramic, 0.04µF		J201	1	1	1	YP10001130	Plug	
207	1	1	1	DK17103010	Cap., Ceramic, 0.01µF		J202	1	1	1	YP10001130	Plug	· · · · · · · · · · · · · · · · · · ·
208	1	1	1	DK18403010	Cap., Ceramic, 0.04µF		J203	1	1	1	YP10001130	Plug	
209	1	1	1	DK18403010	Cap., Ceramic, 0.04µF		J204	1	1	1	YP10001130	Plug	
210	1	1	1	DK17103010	Cap., Ceramic, 0.01µF		J205	1	1	1	YP10001130	Plug	
211	1	1	1	DK17103010	Cap., Ceramic, 0.01µF		J206	1	1	1	YP06000570	Plug, 3P	
212	1	1	1	DK17103010	Cap., Ceramic, 0.01µF		J207	1	1	1	YP06000570	Plug, 3P	
213	1	1	1	DK18403020	Cap., Ceramic, 0.04µF		J209	1	1	1	VP10001120	Blue	
214	1	1	1	DK18403020	Cap., Ceramic, 0.04µF		1	1			YP10001130	Plug	
215	1	1	1	DK17103010	Cap., Ceramic, 0.01µF		J210	1	1	1	YP10001130	Plug	
216	1	i	1	DK17103010			J211	1	1	1		Plug	;
217	1	\mathbf{i}	1	DK17103010	Cap., Ceramic, 0.01µF	·	J212	1	1	1	YP10001130	Plug	
218	1	1			Cap., Ceramic, 0,01µF	1	J213	1	1	1		Plug	
219	1	1	1	DD16201010	Cap., Ceramic, 200pF		J216	1	1	1		Plug	
	i	1		DD16201010	Cap., Ceramic, 200pF		J217	1		1	YP10001130	Plug	
220	1	1	1		Cap., Ceramic, 0.01µF		J218	1	1	1	YP06000570	Plug, 3P	
221	1	1	1	DK18403020	Cap., Ceramic, 0.04µF		J221	1	1	1	YP10001130	Plug	
222	1	1	1	DK18403020	Cap., Ceramic, 0.04µF		J223	1	1	1	YP10001130	Plug	•
223	1	1	1	EV22403560			J224	1	1	1	YP10001130	Plug :	
	1	1	1		Cap., Ceramic, 200pF		J225	1		1		Plug	
	1	- 1	1	DD16201010	Cap., Ceramic, 200pF		J226	1		1		Plug .	
	1	1	1	DK16472010	Cap., Ceramic, 0.0047µF		J227	1	E	il		Plug	•.f
	1	1	1	DK18403020	Cap., Ceramic, 0.04µF		J228	1	1		1	Plug	
	1	1	1		Cap., Ceramic, 200pF		J229	1	i	f		Plug	
229	1	1	1	DK16152010	Cap., Ceramic, 0.0015µF		J231	1	i			Plug	4
230	1	1	1		Cap., Ceramic, 200pF		J231	1		i			
	1	- 1	1		Cap., Ceramic, 0.0047µF		J232 J233	1	1		1	Plug	
I	1	1			Cap., Ceramic, 200pF		J233 J234	1	1			Plug Plug	· · · .
233	1	1		DD16201010	Con Correnta 200- F							;	
	1	-			Cap., Ceramic, 200pF		J235	1	1			Plug, 3P	
	1		1	DK17103010	Cap., Ceramic, 0.01µF		J236	1		1		Plug	÷ *,
	1	1			Cap., Ceramic, 0.01µF		J238	1	1			Plug	i
		1			Cap., Ceramic, 0.04µF		J239	1	1			Plug :	
·		1	1		Cap., Ceramic, 0.04µF		J240	1	1	1	YP10001130	Plug	
. 1			1	DK18403020	Cap., Ceramic, 0.04µF		L201	1	1		1	.F.T., FM	
	1		1		Cap., Ceramic, 0.01µF	_	L202		1.			Cheke Coil	
1	1	E	1		Cap., Ceramic, 0.01µF	<u> </u>	L203		1			Choke Coil	
	í		1	DK 18403020	Cap., Ceramic, 0.04µF		L204	- 1	. 1			Choke Coil	
242	1		1		Cap., Ceramic, 0.04µF		L205			*		Choke Coil	. '
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L206	1	1	1	LC13320020	Choke Coil
P200	1	1	1	YD22182060	P.W. Board, AM Tuner, FM IF & MPX Stereo Decoder
	1			ZZ22192060	P.W. Board Assembly
		1		ZZ22199060	P.W. Board Assembly
		ļ	1	ZZ22198060	P.W. Board Assembly
0201	1	1	1	HT310471C0	Transistor, 2SC1047 C
0202	1	1	1	HC10011060	I.C., NPC555H
Q203		1	1	HC10019030	
Q204	1	1	1	HT308291C0	Transistor, 2SC829 C
Q205 Q206	1	1	1 1	HC10019030 HT308291C0	
0207		1	1	HD20011050	Diode 1S1555
Q208	1	1	1	HD20011050	Diode, 1\$1555
Q209	1	1	1	HT313272A0	Transistor, 2SC1327 S or T
Q210	1	1	1	HT108422A0	Transistor, 2SA842 GR or BL
Q211	1	1	1	HT308291C0	Transistor, 2SC829 C
Q212			.1	HD10003020	Diode, 20A90
Q213			1	HD10003020	
Q214 Q215	1	1	1	HD10003020 HD10003020	Diode
Q216		1	1	HT308291C0	Transistor, 2SC829 C
Q217		1	1	HD10003020	
Q218 Q219			1	HD10003020 HT308291C0	Diode, 20A90 Diode, 20A90
Q220			1	HD10003020	Transistor, 2SC829 C Diode, 20A90
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Q221 Q222			1	HD10003020	Diode, 20A90
0222	1)	1	HT30945280 HD10003020	Transistor, 2SC945 Q or P Diode, 20A90
R201	1		1	RT05331141	Res., Fixed, 330Ω ±5%, ¼W
R202	1	1	1	RT05331140	Res., Fixed, 33012 ±5%, %W
R203 R204			1	RT05153140 RT05202140	Res., Fixed, $15k\Omega \pm 5\%$, $4W$ Res., Fixed, $2k\Omega \pm 5\%$, $4W$
R205			il	RT05331140	Res., Fixed, 330Ω ±5%, %W
R206	1	- 1	1	RT05201140	Res., Fixed, 2000 ±5%, XW
R207	1	1	1	RT05101140	Res., Fixed, 100Ω ±5%, '4W
R208	1	1	1	RT05331140	Res., Fixed, 3300 ±5%, %W
R209	1	1	1	RT05331140	Res., Fixed, 3300 ±5%, 1/4W
		1			Res., Fixed, 1000 ±5%, 1/4W
R211 R212	1	$\frac{1}{1}$	1	RT05100140 RT05151140	Res., Fixed, 10Ω ±5%, ¼W Res., Fixed, 150Ω ±5%, ¼W
R213	1	1	1		Res., Fixed, 15kΩ ±5%, ¼W
R214	1	1	1	RT05472140	Res., Fixed, 4.7ks2 ±5%, 1/4W
R215	1		1		Res., Fixed, 2kΩ ±5%, ¼W
R216 R217		1	1	RT05102140	Res., Fixed, $1k\Omega \pm 5\%$, $4W$ Res., Fixed, $3k\Omega \pm 5\%$, $4W$
R218			1		Res., Fixed, 1kΩ ±5%, ¼W
		- 1	1		Res., Fixed, $22k\Omega' \pm 5\%$, $3W$ Res., Fixed, $1k\Omega \pm 5\%$, $3W$
		-	1		Res., Fixed, 27kΩ ±5%, ¼W
1	1	- 1	1	RT05274140	Res., Fixed, 270kΩ±5%, '4W
	4		1		Res., Fixed, 470Ω ±5%, ¼W
		- 1	1		Res., Fixed, 1kΩ ±5%, ½W Res., Fixed, 2kΩ ±5%, ½W
1226	1	1	1		Res., Fixed, 1.5kΩ ±5%, 'XW
3227	1	1	1		Res., Fixed, 100Ω ±5%, 14W
1228	1	1	,	RT05151140	Res., Fixed, 150Ω ±5%, %₩
	1	- 1	i		Res., Fixed, 27012 15%, 24W
1			1	1	

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REF. DESIG.		PART NO.	DESCRIPTION
R230 R231 R232 R233 R234 R235 R236 R237	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	RT05102140 RT05471140 RT05153140 RT05242140 RT05152140 RT05152140 RT05273140 RT05154140	Res., Fixed, $1k\Omega \pm 5\%$, $\%W$ Res., Fixed, $470\Omega \pm 5\%$, $\%W$ Res., Fixed, $15k\Omega \pm 5\%$, $\%W$ Res., Fixed, $15k\Omega \pm 5\%$, $\%W$ Res., Fixed, $1.5k\Omega \pm 5\%$, $\%W$ Res., Fixed, $1k\Omega \pm 5\%$, $\%W$ Res., Fixed, $27k\Omega \pm 5\%$, $\%W$ Res., Fixed, $150k\Omega \pm 5\%$, $\%W$
R238 R239 R240 R241 R242 R243 R244 R245 R246 R247	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	RT05151140 RT05331140 RT05102140 RT05181140 RT05101140 RT05101140 RT05561140 RT05553140 RT05472140 RT05102140	Res., Fixed, $150\Omega \pm 5\%$, %W Res., Fixed, $330\Omega \pm 5\%$, %W Res., Fixed, $1k\Omega \pm 5\%$, %W Res., Fixed, $18\Omega\Omega \pm 5\%$, %W Res., Fixed, $100\Omega \pm 5\%$, %W Res., Fixed, $100\Omega \pm 5\%$, %W Res., Fixed, $100\Omega \pm 5\%$, %W Res., Fixed, $15\Omega\Omega \pm 5\%$, %W Res., Fixed, $15\Omega\Omega \pm 5\%$, %W Res., Fixed, $15\Omega\Omega \pm 5\%$, %W
R248 R249 R250 R251 R252 R253 R254 R255 R256 R256 R257	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	RT05102140 RT05273140 RT05151140 RT05153140 RT05822140 RT05821140 RT05821140 RT0582140 RT05682140	Res., Fixed, $1k\Omega \pm 5\%$, %W Res., Fixed, $27k\Omega \pm 5\%$, %W Res., Fixed, $150\Omega \pm 5\%$, %W Res., Fixed, $15k\Omega \pm 5\%$, %W Res., Fixed, $8.2k\Omega \pm 5\%$, %W Res., Fixed, $1k\Omega \pm 5\%$, %W Res., Fixed, $820\Omega \pm 5\%$, %W Res., Fixed, $820\Omega \pm 5\%$, %W Res., Fixed, $6.8k\Omega \pm 5\%$, %W
R258 R259 R260 R261 R262 R263 R264 R265 R266 R267	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	RT05105140 RT05224140 RT05223140 RT05122140 RT05222140 RT05561140 RT05334140	Res., Fixed, $100\Omega \pm 5\%$, ¼W Res., Fixed, $5.6k\Omega \pm 5\%$, ¼W Res., Fixed, $1M\Omega \pm 5\%$, ¼W Res., Fixed, $220k\Omega \pm 5\%$, ¼W Res., Fixed, $22k\Omega \pm 5\%$, ¼W Res., Fixed, $1.2k\Omega \pm 5\%$, ¼W Res., Fixed, $2.2k\Omega \pm 5\%$, ¼W Res., Fixed, $330k\Omega \pm 5\%$, ¼W Res., Fixed, $330k\Omega \pm 5\%$, ¼W
R268 R269 R270 R271 R272 R273 R274 R275 R276 R276 R277	1 1 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	RT05564140 RT05223140 RT05564140 RT05223140 RT05221140 RT05101140 RT05101140 RT05683140 RT05473140	Res., Fixed, $560k\Omega \pm 5\%$, $\%W$ Res., Fixed, $22k\Omega \pm 5\%$, $\%W$ Res., Fixed, $560k\Omega \pm 5\%$, $\%W$ Res., Fixed, $22k\Omega \pm 5\%$, $\%W$ Res., Fixed, $22\Omega\Omega \pm 5\%$, $\%W$ Res., Fixed, $100\Omega \pm 5\%$, $\%W$ Res., Fixed, $100\Omega \pm 5\%$, $\%W$ Res., Fixed, $68k\Omega \pm 5\%$, $\%W$ Res., Fixed, $4.7k\Omega \pm 5\%$, $\%W$ Res., Fixed, $15k\Omega \pm 5\%$, $\%W$
R278 R279 R280 R281 R281 R282 R283 C301 C302 C303	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	RT05102140 RA02540010 RT05103140 RT05104140 RT05153140 RT05561140 DF55471010 DF55911010	Res., Semifixed, 10k Ω Res., Fixed, 1k Ω ±5%, ½W Res., Semifixed, 250k Ω Res., Fixed, 10k Ω ±5%, ½W Res., Fixed, 100k Ω ±5%, ½W Res., Fixed, 560 Ω ±5%, ½W Cap., Film, 470pF Cap., Film, 910pF
C304 C305	1 1 1 1 1 1	DF55152030	Cap., Film, 1500pF Cap., Elect., 22µF, 16V

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U: For U.S.A. C: For Canada

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REF. DESIG.	Ū	T'C C	Έ	PART NO.	DESCRIPTION		REF. DESIG.	Γü		TY E	PART NO.	DESCRIPTION
C306	1	1	1	DF17473010	Cap., Film, 0.047µF		R325		1		RT05100140	
C307 ·	1	1	1	EQ22405010	Elect., 0.22µF, 35V		R325	1	1	1	RT05273140	Res., Fixed, 27kΩ ±5%, %W
C308	1	1		EQ47405010	Cap., Elect., 0.47µF, 35V		R326	1	1	1	RT05273140	
C309	1	1		EQ22405010			R327	1	1	1	RT05104140	Res., Fixed, 100kΩ±5%, ¼W
C310	1	1	4	DF55471010	Cap., Film, 470pF		R328	1	1		RT05104140	Res., Fixed, 100k Ω±5%, %W
C311	11		1	DF15272050			R329	1	1	1	RT05222140	Res., Fixed, 2.2kΩ ±5%, 1/4W
C312	11	1	1	DF15272050			R330	1	1	1	RA01030250	Res., Semifixed, 10kΩ
C313		1		DF15272050	Cap., Film, 2700pF							
C313	1			DETEROORA			R331	1	1	1	RT05104140	Res., Fixed, 100kΩ±5%, 1/4W
C314	! '	1	ľ	DF15562050 DF15272050	the second secon				1.			
C314	1	'		DF15562050			R332	1	1	1	RT05104140	
C315	1	1	1	EA10601690			R333	1	1		RT05102140	
C316	1	1	1	EA10601690			R334	1			RA01040180	
C317	1	1		EA10701690	Cap., Elect., 10µF, 16V Cap., Elect., 100µF, 16V		R335 R336	1		1	RT05104140	
C318	1	1		EA10701690	Cap., Elect., 100µF, 16V		R337	1	3	1	RT05103140	
C319	1	1		EV10403560	Cap., Elect., 0.1µF, 35V	1	R338	1			RT05332140 RT05564140	
C3 20	1	1	1	EV10503560	Cap., Elect., 1µF, 35V		R339	1			RT05333140	
C321	1	1	1	EV10503560	Cap., Elect., 1µF, 35V		R340	1			RT05101140	
1							R341	1	1		RT05154140	
C322	1	1	1	EV10503560	Cap., Elect., 1µF, 35V		, , , , ,	1	1'	1'	11105154140	Res., Fixed, 150kΩ±5%, ¼W
L301	1	1	1	LS10290160	M.P.X. Coil, Antibirde		R342	1	1	1	RT05473140	Res., Fixed, 47kΩ ±5%, %W
L302	1	1	1	LS10290170	M.P.X. Coil, Antibirde	1	R343	11	1		RT05224140	
L303	1	1	1	LS10290180	M.P.X. Coil, Antibirde		R344	1	1	1 1	RT05104140	
L304	1	1	1	LS35035010	M.P.X, Coil		R345	1	1		RT05103140	
Q301	1		1	HC10004010	I.C., HA1156 W		R346	1	1	1	RT05101140	
0302	1		1		Transistor, 2SA842 GR or BL	ł	R347	1	1	1	RA01040180	
Q303	1		1		Transistor, 2SA842 GR or BL		R348	1	1	1	RT05183140	Res., Fixed, 18kΩ ±5%, 1/W
Q304	1	1	1	HT309452B0	Transistor, 2SC545 Q or P		C401	1	1	1	EA10703590	Cap., Elect., 100µF, 35V
Q305	1	1	1	HT107331Q0	Transistor, 2SA733 Q		C402	1	1	1	EA10703590	Cap., Elect., 100µF, 35V
0.206				11520020010	*		C403	1	1	1	DD15390010	Cap., Ceramic, 39pF, 50V
Q306 Q307	1	1	1	HF200300A0								
Q308	1	1	1		Transistor, 2SC945 Q or P		C404	1	1	1	DD15390010	
Q309		1	1		Transistor, 2SC945 Q or P		C405	1	1	1	DD15331010	
Q310	1	1	i		Transistor, 2SC945 Q or P		C406	1	1,1		DD15331010	
Q311	1	1	1		Transistor, 2SC945 Q or P		C407 C408	1	1	1	DD15331010	
Q312	;	1	1		Transistor, 2SC945 Q or P Transistor, 2SC945 Q or P	·	C408 C409	1	1	1	DD15331010	_
0313	1	1	1		Diode, 1S1555		C410	1	1	1	DF14362020 DF14362020	Cap., Film, 3600pF, 50V
R301	1	1	1		Res., Fixed, 2.7kΩ ±5%, %W	·	C411	1	1	1	DF14122010	Cap., Film, 3600pF, 50V Cap., Film, 1200pF, 50V
R302	1	1	1	RT05272140	Res., Fixed, 2.7kΩ ±5%, %W		C412	1	1	1	DF14122010	
							C413	1	1		DD11040010	Cap., Film, 1200pF, 50V Cap., Ceramic, 4pF, 50V
R303	1	1	1	RT05102140	Res., Fixed, 1kΩ ±5%, ¼W				•			oup, ociania, apr, 504
R304	1	1	1		Res., Fixed, 3.9k Ω ±5%, 1/4W		C414	1	1	1	DD11040010	Cap., Ceramic, 4pF, 50V
R305	1	1	1	RT05392140	Res., Fixed, 3.9k 1 ±5%, 14W		C415	1	1	1	DF16102010	
R306	1	1	1		Res., Fixed, 1kΩ ±5%, ½W		C416	1	1	1	DF16102010	Cap., Film, 1000pF, 50V
R307	1	1	1		Res., Fixed, 1kΩ ±5%, ¼W		C417	1	1	1	EE47502540	Cap., Elect., 4.7µF, 25V
R308	1	1	1	RT05200140	Res., Fixed, 2012 ±5%, 1/W		C418	11	1	1	EE47502540	Cap., Elect., 4.7µF, 25V
R309	1	1	1		Res., Fixed, 16kΩ ±5%, ¼W		C419	1	1	1	EE47601040	Cap., Elect., 47µF, 10V
R310	1	1	1.		Res., Semifixed, 4.7kΩ		C420	1	1	1	EE47601040	Cap., Elect., 47µF, 10V
R311	1	1	1		Res., Fixed, 2.7kΩ ±5%, '4W	1	C421	1	1	1	EE47502540	Cap., Elect., 4.7µF, 25V -
R312	1	1	1	RT05512140	Res., Fixed, 5.1kΩ ±5%, ¼W		C422	1	1	1	EE47502540	Cap., Elect., 4.7µF, 25V
					·		J401	1	1	1	YP06001370	Plug, 4P, Basepost
R313		1	1		Res., Fixed, 5.1kΩ ±5%, ¼W	1						
R314		!	1	RT05202140	Res., Fixed, 2kΩ ±5%, ¼W	ļ	J402	1		1	YP06001370	Plug, 4P, Basepost
R315	- 1	1	1		Res., Fixed, 2kΩ ±5%, %W		J403	1	1	1	YP06001050	Plug, 5P, Basepost
		1	1		Res., Fixed, 3.3kΩ ±5%, ¼W		J404	1	- 1	1	YP06001050	Plug, 5P, Basepost
1		1	1	RT05332140	Res., Fixed, 3.3kΩ ±5%, ¼W		J405	1		1	YP06001050	Plug, 5P, Basepost
		1	1	RT05103140	Res., Fixed, 10kΩ ±5%, %W		J406			1	YP06001050	Plug, 5P, Basepost
1		1	1		Res., Semifixed, 100k		J407		1	1	YP10001130	Plug
		1			Res., Fixed, 200k 0 ±5%, 14W		J408 J409	1	I	1	YP10001130 YP10001130	Plug
			1		Res., Fixed, 30kΩ ±5%, ¼₩ Res., Fixed, 3.3kΩ ±5%, ¼₩		J409 J410	1 1	1			Plug
	.	1	1		, (IACU, 0, JA14 10%, /4W	1	J411		1	1		Plug ·····
R323	1	1	1	RT05332140	Res., Fixed, 3.3kΩ ±5%, ¼W		~~ / 1	'	1	1		Plug
		1	i		Res., Fixed, 1000 ±5%, XW		J412	1	1	1	YP10001130	Plug
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DESIG.	ι	J (5 · · · · · · · · · · · · · · · · · · ·	DESCRIPTION
J413	1		1 1		
J414	1	1	1 1		
J415	1	· •	1 1		
J416 J417		· 1			
J417	1	1			
J419	1			1	
J420	1	- Į -			1
J421	1				
J422	1	1	1	YP10001130	Plug
J423	1	- L - 1		YP10001130	
J424	1	1			1
J425	1	1 '	1.	1	
J426	1		1.		· · ·
J427 J428	1	1.			
J428 J429	1	1.1	1.		
J430	1	1	- T -	YP10001130 YP10001130	-
J431		1		YP10001130	
				1 10001130	((())) () () () () () () ()
J432	1	1	1	YP10001130	
J433	1	1	1	YP10001130	
J434 J435	1	1	1.	YP10001130	
J435 J436	1	1	1.	YP10001130 YP10001130	
J437	1	1		YP10001130	
J438	11	1	11	YP10001130	
J439	1	1	1	YP10001130	
J440	1	1	1	YP10001130	
J441	1	1	1	YP10001130	
J442	1	1	1	YP10001130	Plug
P400	1	1	1	YK22190230	P.W. Board, Phono Amp &
					Selector Switch
	1	1		ZZ22192040	
			1	ZZ22198040	P.W. Board Assembly
2401	1	1	1	HT108412A0	
2402 2403	1	1	1	HT108412A0	
2403 2404	1	1	1	HT108412A0	
2405	1	1	1	HT109122D0	
2406	1	1	1	HT109122D0	
2407	i	1	1	HT318852D0	
1408	1	1	1	HT318852D0	
3401	1	1	1	RT05823140	
1402	1	1	1	'RT05823140	
R403	1	1	1	RN05153140	
3404	1	1	1	RN05153140	Res. Fixed, 15k 1 ±5%, 1/4W
3405	1	1	1	RT05911140	Res. Fixed, 91012 ±5%, 1/4W
3406	1	1	1	RT05911140	
3407	1	1	1	RT05123140	
1408 1409	1	1	1	RT05123140	
410	1	1	1 1	RN05623140 RN05623140	
411	1	1	1	RT02911140	Res., Fixed, 62kΩ ±5%, ½W Res., Fixed, 910Ω ±5%, ½W
1412	1	1	1	RT02911140	Res., Fixed, 910Ω ±5%, ¼W Res., Fixed, 910Ω ±5%, ¼W
413	1	1	1	RT02683140	Res., Fixed, 68kΩ ±5%, %W
414	1	1	1	RT02683140	Res., Fixed, 68kΩ ±5%; ½W
1415	1	1	1	RT05431140	Res., Fixed, 43012 ±5%, 1/W
1416	1	1	1	RT05431140	Res., Fixed, 43052 ±5%, 14W
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	REF. DESIG.	ι	*****	TY 2 E	PART NO.	DESCRIPTION
	R417 R418	1	1		RT02105140) Res., Fixed, 1MΩ ±2%, ¼W
	R419	1	- L 1			
	R420	1	1	1		
	R421	1		- I - '		
	R422	1	1	1	RT0533014() Res., Fixed, 33Ω ±5%, ½W
	R423	1	· 1	1	O TOSOOO 44	
	R424			1		
	R425	1	- 1 -	1	RT05202140	
	R426	1	1.	- I - '	RT05203140 RT05203140	
	R427	li			RT05331140	
	R428	1	1.1	- E - '	RT05331140	
	R429	1	1	1	RT05105140	
	R430	1		1	RT05105140	
	R431	11	1	1	GF05100140	
	R432	1	1	1	GF05100140	
						11031, 11000, 1012 20%, 7444
	R433	1	1	1	RT05102140	Res., Fixed, 1kΩ ±5%, ¼W
	R434	1		1	RT05102140	
ļ	R435	1	1		RT05101140	
	R436	1	1	1	RT05240140	
	R437	1	1	1	RT05273140	
	R438	1	1	1	RT05105140	
	R439	1	1	1	RT05105140	
	S401	-		1	SR09060020	Rotary Switch, Selector
	S401				SR10060160	Hotary Switchs Selfclor"
	\$402	1	1	1	SR04050110	Rotary Switch, Mode
	WA01				VOCACA	
	W401 C701	12	1	1	YB00120020	Connective Cord
	C702	2	22	22	DD15101010	Cap., Ceramic, 100pF, 50V
	C703	2	2	2	EE47502540 DK16221510	Cap., Elect., 4,7µF, 25V
4	C704	2	2	2	DF17223050	Cap., Ceramic, 220pF, 500V Cap., Film, 0.022µF, 50V
	C705 ·	2	2	2	DD11050500	Cap., Film, 0.022µF, 50V Cap., Ceramic, 5pF 500V
	C706	2	2	2	DK16101500	Cap., Ceramic, 100pF, 500V
	C708	2	2	2	DF17224050	Cap., Film, 0.22µF, 50V
	C710	2	2	2		Cap., Film, 0.1µF, 200V
	C711	2	2	2	DF16103050	Cap., Film, 0.01µF, 50V
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	C712	2	2	2	DF16103050	Cap., Film, 0.01µF, 50V
	0713	2	2	2	DF16104050	Cap., Film, 0.1µF, 50V
	0714	2	2	2	DF16104050	Cap., Film, 0,1µF, 50V
	0716	2	2	2	DF17104520	Cap., Film, 0.1µF, 200V
	2717	2	2	2	DF17104520	Cap., Film, 0.1µF, 200V
ι.	2718	2	2		DF17104520	Cap., Film, 0,1µF, 200V
	2719	2	2	2	DF17104520	Cap., Film, 0.1µF, 200V
	2720	2	2	2	EA47505090	Cap., Elect., 4,7µF, 50V
	2721	2	2	2	EA10605090	Cap., Elect., 10µF, 50∨
יו	5722	2	2	2	EE10701640	Cap., Elect., 100µF, 16V
6	2723	,	2	2	EA10601000	
	2724	2 2	$\frac{2}{2}$	2	EA10601690	Cap., Elect., 10µF, 16V
	725	2	2	2	EA10601690	Cap., Elect., 10µF, 16V
•	701	$\frac{2}{2}$	2	2	EA22601090	Cap., Elect., 22µF, 10V
	702	$\frac{2}{2}$	$\frac{2}{2}$	2	YP10001430 YP06001300	Plug, 3P
	703		2	2	YJ06001330	Plug, 6P
	704		2	2	YJ06001340	Jack, 8P Jack, 4P
			2	2	YJ06001340	Jack, 4P Jack, 4P
			2	2	YL09010130	Terminal, 1P
			2	2	YL09010130	Terminal, 1P
-		-	-	-		
J	708	2	2	2	YL09010140	Terminal, 1P
	709	2	21	2	YL09010140	Terroinal, 1P
	701 -+	2	2 .	2	LC22220010	Choke Coil
			2	2	LC22220010	Choke Coll
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U: For U.S.A. C: For Canada E: For Europe

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REF. DESIG.			YT C		PART NO.	DESCRIPTION
P700	-	2	2	2	YG22190010	P.W. Board, Main Amp
		2	2	2	ZZ22192010	
0701		2		2	HT320882A0	
Q702 Q703		2 2	2	2 2	HT320882A0	
Q704		2	2	2	HT320882A0 HT107332B0	
0705	·		2	2	HT109392B0	
Q706	Į	2	2	2	HT10939280	
Q707		2	2	2	HT320712B0	
Q708		2	2	2	HT320712B0	Transistor, 2SC2071 B or V
Q709		2	2	2	HT309452A0	
Q710		2	2	2	HT107332B0	Transistor, 2SA733 Q or R
0711		2	2	2	HT320713A0	
Q712			2	2	HT109393A0	
Q713 Q714		2		22	HT107502B0	
Q715				2	HT107502B0 HD20001210	
Q716		2	2	2	HD20001210	
Q717	1:	2	2	2	HV00003120	
Q718				2	HD20003210	Diode, 1S2471
Q719				2	HD20001210	
Q720		2	2	2	HD20001210	Diode, 1S2473
0721				2	HD20001210	
0722	1			2	HD20001210	
Q723 Q724	1			2	HD20001210	Diode, 1S2473
Q725	2		-	2	HD20003210 HD20003210	
0726	2		2	2	HD20001210	Diode, 132471 Diode, 152473
0727	2	2		2	HD20001210	Diode, 1\$2473
0728	2		2 :		HD20011010	Diode, W06C
Q729 Q730	2				HD20011010 HD30023090	Diode, W06C Zener, WZ-071, 7.1V 0.5W
						20101, W2-071, 7.1V 0.0W
Q731 Q732	2		2 1	2	HD30002130 HD20001210	Zener, EQA01-35R, 35V 0.5W
0733	2		1	2	HD30027090	Diode, 1S2473 Zener, WZ-140, 14V 0.5W
Q734	2	12	! 2	2	HD20001210	Diode, 1S2473
0735	2	12		2		Diode, 1S2473
R701 R702	2	4 12				Res., Fixed, 51kΩ ±5%, ¼W
3703	2	12				Res., Fixed, $1.8k\Omega \pm 5\%$, %W Res., Fixed, $510k\Omega \pm 5\%$, %W
7704	2	12	2	- 1		Res., Fixed, 4.3k 1 ±5%, 4W
₹705	2			:	OTOF ADDA A	Res., Fixed, 4.3kΩ ±5%, %W
3706	2	2	2		RT05681140	Res., Fixed, 680Ω ±5%, ¼W
707	2	2			RT05511140	Res., Fixed, 510Ω ±5%, 14W
3708	2	2			RT05822140	Res., Fixed, 8.2kΩ ±5%, ¼W
1709	2	2			GF05472120	Res., Fixed, 4.7kΩ ±5%, %W
7710 7711	2	2			RT05184140	Res., Fixed, 180kΩ±5%, ¼W
1712	2	2	2		RT05184140 RT05182140	Res., Fixed, 180kΩ±5%, ¼W Res., Fixed, 1.8kΩ±5%, ¼W
713	2	2	2	÷.	RT05393140	Hes., Fixed, 1.8kΩ ±5%, ¼W Res., Fixed, 39kΩ ±5%, ¼W
3714	2	2		1	RT05183140	Res., Fixed, 18kΩ ±5%, ¼W
1715	2	2	2		RT05154140	Res., Fixed, 150k Ω ±5%, $%W$
716	2	2	2	1	RT05513140	Res., Fixed, 51kΩ ±5%, ½W
717	2	2	2	1	RT05511140 F	Res., Fixed, 51012 ±5%, 1/2W
1718	2	2	2	1	RT05511140 F	Res., Fixed, 510Ω ±5%, %W
1719	2	2 2	2			Res., Fixed, 51012 ±5%, %W
721	2	2	2			Res., Fixed, 510Ω ±5%, ½W Res., Fixed, 180Ω ±5%, ½W
722	2	2	2			Res., Fixed, 3Ω ±5%, 1W
723	2	2	2	F		Res., Fixed, 15kΩ ±5%, %W
			1		-	
			1	1		

· ·						E: For Euro					
REF. DESIG.	UCE				PART NO.	DESCRIPTION					
R724 R725		2 2	22			Res., Fixed, 15kΩ ±5%, %V					
R726 R727 R728 R729 R730 R731 R732 R733 R734 R735		222222222222222222222222222222222222222	222222222222222	22222222222	GF05100120 GF05100140 GF05100140 RT05301140 RT05301140 GF05161140 GF05161140	Res., Fixed, $10\Omega \pm 5\%$, 10Ω Res., Fixed, $300\Omega \pm 5\%$, 100 Res., Fixed, $300\Omega \pm 5\%$, 100 Res., Fixed, $160\Omega \pm 5\%$, 100 Res., Fixed, $160\Omega \pm 5\%$, 100					
R736 R737 R738 R739 R740 R741 R742 R743 R744 R745		222222222222222222222222222222222222222	222222222222222222222222222222222222222	222222222222	GF05273120 GF05561120 GJ05151010 GJ05022030 GW10392050 GW10392050 GW10392050 GW10392050 GW10392050 GW10392050	Res., Fixed, 0.39Ω±10%, 5W Res., Fixed, 0.39Ω±10%, 5W Res., Fixed, 0.39Ω±10%, 5W					
R746 R747 R748 R749 R750 R751 R752 R753 R754 R755		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	222222222222222222222222222222222222222	22222222222	RT05102140	Res., Fixed, $0.39\Omega \pm 10\%$, 5W Res., Fixed, $0.39\Omega \pm 10\%$, 5W Res., Fixed, $4.7\Omega \pm 5\%$, 3W Res., Fixed, $4.7\Omega \pm 5\%$, 3W Res., Fixed, $22\Omega \pm 5\%$, 4W Res., Fixed, $47\Omega \pm 5\%$, 4W Res., Fixed, $47\Omega \pm 5\%$, 4W Res., Fixed, $1k\Omega \pm 5\%$, 4W Res., Fixed, $1k\Omega \pm 5\%$, 4W Res., Fixed, $1k\Omega \pm 5\%$, 4W					
R756 R757 R758 R759 R760 R761 W701 C801 C802 C803	222222222222222222222222222222222222222		2 2 2 2 2 2 2 2 2 2 1 1 1	2 2 2 2 2 2 2 2 2 2 2 2 1 1 1	RT05033140 RT05151140 RT05154140 RA02220090 RA01020270 YB00090010 DF17103510 DF17103510	Res., Fixed, $12k\Omega \pm 5\%$, 1W Res., Fixed, $3.3\Omega \pm 5\%$, ½W Res., Fixed, $150\Omega \pm 5\%$, ½W Res., Fixed, $150k\Omega \pm 5\%$, ½W Res., Semifixed, $2.2k\Omega$ Res., Semifixed, $1k\Omega$ Connective Cord Cap., Film, 200V DC Cap., Film, 200V DC Cap., Film, 200V DC Cap., Film, 200V DC					
C804 C805 C806 C807 C808 C809 C810 C811 C812 C813	1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	DF17103050 (DF17103050 (EA22625010 (EA10625010 (EB10806310 (EB47706320 (EA10635010 (EA10635010 (Cap., Film, 0.01μ F, $50V$ Cap., Film, 0.01μ F, $50V$ Cap., Film, 0.01μ F, $50V$ Cap., Elect., 22μ F, $250V$ Cap., Elect., 10μ F, $250V$ Cap., Elect., 1000μ F, $63V$ Cap., Elect., 470μ F, $63V$ Cap., Elect., 10μ F, $350V$ Cap., Elect., 10μ F, $350V$ Cap., Elect., 220μ F, $16V$					
2814 2815 2816 2817 2818 2819 2820 2820 2801	1 1 1 1 1. 1.		1		EA10705090 C EA22705090 C EA22705090 C EA10601690 C EE47505040 C EE47505040 - G	Cap., Elect., $22\dot{0}\mu$ F, : 16V Cap., Elect., 10μ F, 50V Cap., Elect., 220μ F, 50V Cap., Elect., 220μ F, 50V Cap., Elect., 220μ F, 50V Cap., Elect., 10μ F, 16V Cap., Elect., 4.7μ F, 50V Cap.; Elect., 4.7μ F, 50V Cap.; Elect., 4.7μ F, 50V Cap.; Sect., 4.7μ F, 50V Cap.; Sect., 4.7μ F, 50V					

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REF. DESIG.		0'T U C			PART NO).	DESCRIPTION		REF.		Q'TY				E : For Euror
F801		-	Č		FA 4 AAAAAAAAAAAAA				DESI	G.	U	1	c	EPARTN	O. DESCRIPTION
F802		1	1	1	FS102008 FS1005009		20mm (SEMKO) 30mm (UL)		Q80 Q81		1	1		1 HD200140 1 HD200110	
F802			.	1	FS1020080		20mm (SEMKO)		081	1	1	1		1 80200120	
F803 F803		1	1	1	FS1005009 FS1020080		30mm (UL)		Q81		1	1			
F804	1	1	1	•	FS1005009	0 Fuse, 0 Fuse,	20mm (SEMKO) 30mm (UL)		081		1	1	1	HD300270	90 Zener, WZ-140, 14V
F804				1	F\$1020080		20mm (SEMKO)		Q814 Q818		1	1	1.		90 Zener, WZ-140, 14V
F805 F805		1	1	.	F\$1005009	,	. 30mm (UL)		R801		1	1	1		
F806	1.		1	1	FS1020080 FS1015005		20mm (SEMKO)		R80:		1	1			20 Res., Fixed, 4.7kΩ ±5%, ¼W 20 Res., Fixed, 1012 ±5%, ¼W
F806			- 1	1	FS1020080		30mm (UL)		R803		1	1	1	GJ051520	10 Res., Fixed, 1 5k0 + 5% 1W
F807		-	1		FS1015005		20mm (SEMKO) 30mm (UL)		R804 R805		1	1	1	GF051001	20 Res., Fixed, 1012 ±5%, %W
F807		ĺ		1	FS1020080	0 Fuse									
J801	1		1	. 1	YP0600083		20mm (SEMKO) 4P, Basepost	1	R806		1	1	1	GJ0522201	
J802	1	- i - '		1	YP0600084	O Plug,	6P, Basepost		R807	-	1	1 1		GQ101010	70 Res., Fixed, 100Ω ±10%, 7W
J803 J804	1			1	YP0600104		3P, Basepost		R809	1	1	1	1	RT0547214	
J804	1				YP0600131 YP0600105		6P, Basepost		R810		1	1	i	GF0520214	
J806	1.	1.	í		YJ0800020(5P, Basepost Fuse Holder		R811		1	1	1	RT0512314	10 Res., Fixed, 12kΩ ±5%, ¼W
J806	1	1			YJ08000210	Jack,	Fuse Holder		R812 R813		1	1	1	RT0510314	10 Res. Fixed, 10kΩ ±5%, ¼W
J807			- é -	1	YJ08000200	Jack,	Fuse Holder		R813		1	1	1	RT0547214	0 Res. Fixed, 4.7kΩ ±5%, ¼W
J807	1	1			YJ08000210	Jack,	Fuse Holder		R815			1	1	RT0547214 RT0516314	
808 J808	1	.	1		Y J08000200	Jack,	Fuse Holder		R816		1	1	1	RT0513314	
1809	1	1	1		Y J08000210 Y J08000200		Fuse Holder		R817			1	1	RT0527214	0 Res., Fixed, 13kΩ ±5%, ¼W 0 Res., Fixed, 2,7kΩ ±5%, ¼W
J809	1	1	1	΄,	YJ08000200	Jack, Jack,	Fuse Holder	ſ	R818			1	1	RT0556214	0 Res. Fixed 5.6k0 +5% KW
J810			1		¥J08000200	Jack.	Fuse Holder		R819 C901	ľ		1	1	RA0472006	0 Res., Semifixed, 4.7kΩ (B)
J810	1	1			Y J08000210	Jack,	Fuse Holder		C902				1	DK1810382 DK1810382	0 Cap., Ceramic, 0.01µF, 1kV
J811 J811	1	1	1		/J08000200	1	Fuse Holder		C903		1	- 1	1	DF1747352	
J812	·	•	1		/J08000210 /J08000200	1. 1	Fuse Holder	1.	J901			-	1	YJ06001290	Jack 8P
J812	1	1			/J08000210	Jack, Jack,	Fuse Holder		J902 J903	1	1	- 1	1	YP06001050 YP06001050	Plug, 5P, Basepost
J813			1	Y	J08000200	Jack.	Fuse Holder			1					
J813	1	1		Y	J08000210	Jack	Fuse Holder		J904 J905		1	1	1	YB00140030	
J814 J814			1	Y	J08000200	Jack,	Fuse Holder	1	J906	1	1		1	YB00180010 YB00140030	
J815	1	1	1	۲,	J08000210 J08000200	Jack,	Fuse Holder		J907		1 1		1	YB00120010	
J815	1	1		1 Y	J08000200	Jack, Jack,	Fuse Holder		1908	1	1 1	ſ	1	YB00140040	Connective Cord
J816			1	Y	J08000200	Jack,	Fuse Holder Fuse Holder	· ·	J909	1	1 1		1	YB00150010	Connective Cord
	1	1		Y	J08000210	Jack,	Fuse Holder	1	J910 J911		1 1 1 1			YB00180020	
J817 J817	1	1	1	Y	J08000200	Jack,	Fuse Holder	1 .	J912		11			YB00200290 YB00180030	
0017	'	'		¥.	J08000210	Jack,	Fuse Holder		J913	1	1 1			YB00210010	
J818			1		J08000200	Jack,	Fuse Holder	· ·	J914	1.					
J818 J819	1	1			J08000210	Jack,	Fuse Holder	·	K901	1	1			YJ06001310	Jack, 6P Transistor, 2SK30A
	1	,	1		J08000200 J08000210	Jack,	Fuse Holder					'			
		1			00000210	Jack,	Fuse Holder		0.000			Ì	Į		•
	۵		1.	:}	Η. L. L	£ .			P900	11		1		YK22190310	
. I.,	- 1	1			322190020	P.W. Boar	d, Power Supply	··	1	1	1	1	1	ZZ22190310	P.W. Board Assembly
P800 1		1	1	ZZ	22192030	P.W. Boar	d Assembly		Q901 .	1	1	1		HF200304A0	F.E.T., 25K30A OB, OC, 4
		1	1		322190030 22192050	P.W. Boar P.W. Boar	d, Power Supply d Assembly	-E^1	0000						OD or OE •
Q801 . 1			.						Q902	1	1	1		HF200304A0	, , , , , , , , , , , , , , , , , , , ,
Q801 1 Q802 1			1	- Н1 - Ш7	403132A0 403132A0	Transistor	, 2SD313 D or E		Q903	1	1	1	1	HF200304A0	
Q803 1	1	1	i	HT	309452A0	I ransistor	, 2SD313 D or E , 2SC945 Q or R			Í]			OD or OE
Q804 1	1			111	108412A0	Transistor	254841 GB ~ 01		Q904	1	1	1		HF200304A0	F.E.T., 2SK30A OB, OC,
Q805 1 Q806 1	1	- 1		ΗT	403132A0	Transistor	2SC313 D or E		Ö905	•	1	1	1.	1T31756280	OD or OE
Q806 1 Q807 1		1		Нţ	107332A0	Transistor,	2SA733 Q or R		Q906	1	1			T31756280	Transistor, 2SC1756 D or E Transistor, 2SC1756 D or E
0808 1				HD	20021100 20014030	Ulode, 20 Diode, 50	L 15, 1500V 0.2A		Q907	1	1	1		IT31756280	Transistor, 2SC1756 D or E
						2100e, DS	130YA, 800V 1A		Q908	1	1	1		+T31756280	Transistor, 2SC1756 D or E
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REF.		۵'n	Y	DADTHO	
DESIG.		0		PART NO.	DESCRIPTION
Q909	1	1	1	HD20003210	Diada 100474 7014
Q910	1	1	1	HD20003210	Diode, 1S2471 70V Diode, 1S2471 70V
49.0		1.		1020003210	Diode, 15247170V
Q911	1	1	1	HD20001210	Diode, 1S2473 35V
R901	1	1	1	RT05224140	Res., Fixed, 220kΩ±5%, %
R902	1	1	1	RT05224140	Res., Fixed, 220k1215%, 14
R903	1	1	1	RT05224140	Res., Fixed, 220kΩ±5%, 141
R904	1	1	1	RT05224140	Res., Fixed, 220k12±5%, 1/4
R905	1	1	1	RT05682140	Res., Fixed, 6.8k 1 ±5%, 14
R906	1	1	1	RT05682140	Res., Fixed, 6.8kΩ ±5%, ¼\
R907	1	1		RT05472140	Res., Fixed, 4.7kΩ ±5%, %
R908	1	1	(·	RT05472140	Res., Fixed, 4.7kΩ ±5%, ¼V
R909	11	1	1	RT05103140	Res., Fixed, 10k 1 ±5%, 14
R910	1	1	1	RT05103140	Rea Elucid 1040 - EV VI
R911	i	1	1		Res., Fixed, 10kΩ ±5%, %
R912		1	1		Res., Fixed, 10kΩ ±5%, ¼V
R913	1	1	1 i	RT05103140	Res., Fixed, $10k\Omega \pm 5\%$, $%W$
R914	1	1	1		Res., Fixed, 68kΩ ±5%, ¼V
R915	1	1	3 1		Res., Fixed, 68kΩ ±5%, ¼V
		i	1 1		Res., Fixed, 62kΩ ±5%, ¼V
R916	1	1	1		Res., Fixed, 62kΩ ±5%, ¼V
R917	1		1		Res., Fixed, 82kΩ ±5%, ¼V
R918	1	1			Res., Fixed, 200kΩ±5%, ¼V
R919	1	1	1	RT05105140	Res., Fixed, 1MΩ ±5%, ½V
R920	1	1	1	RT05105140	Res., Fixed, 1MΩ ±5%, ¼W
R921	1	1	1		Res., Fixed, 220kΩ±5%, %
R922	1	1	1	1	Res., Fixed, 1.5MΩ±5%, %
R923	1				Res., Fixed, $15k\Omega \pm 5\%$, $4W$
R924	1	1	1	1	
R925	1	1			Res., Fixed, 47kΩ ±5%, %W Res., Semifixed, 4.7kΩ
R926	1	1			Res., Semifixed, $4.7k\Omega$
R927	1	1	1		Res., Semifixed, $1k\Omega$
R928	1	1	1		Res., Semifixed, $1k\Omega$
R929	1	1	1		Res., Fixed, 200kΩ±5%, 14W
		1			
R930	1	1	1	RT05152140	Res., Fixed, 1.5kΩ ±5%, ¼W
R931	1	1	1	RA01030070 (Res., Semifixed, 10kΩ
R932	1	1	1	RT05473140	Res., Fixed, 47kΩ ±5%, ¼W
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13. TECHNICAL SPECIFICATIONS

AMPLIFIER SECTION:
Rated Power Output, Minimum Continuous Average Power per Channel, both Channels Driven
Power Band
Total Harmonic Distortion
Load Impedance
Rated Power Output, Minimum Continuous Average Power per Channel, both Channels Driven
Power Band
Total Harmonic Distortion
Load Impedance
I.M. Distortion
(I.H.F. method, 60 Hz and 7 kHz mixed 4:1 at rated power output)
at 8 ohm load impedance
at 4 ohm load impedance
Damping Factor (at 20 Hz)
Sensitivity (at MAIN IN)
Impedance (at MAIN IN)
Frequency Response for Power Amp Only (at 1 Watt output, 20 Hz to 20 kHz)
(at 1 Watt output, 20 Hz to 20 kHz) $\dots \pm 0.2 dB$
PREAMPLIFIER SECTION:
Phono
Input Overload at 1 kHz
Equivalent Input Noise \dots 1.0 μ V
Dynamic Range
(Dynamic Range is the ratio of input overload to equivalent input noise.)
Input Sensitivity
Input Impedance
Input Capacitance
Frequency Response, RIAA 20 Hz to 20 kHz ±0.2 dB
Signal-to-Noise Ratio (at rated output and 7.75 mV input)
High Level (Aux and Tape) Input Sensitivity
Input Impedance
Frequency Response
(includes power amp)
Signal-to-Noise Ratio
(ref. to rated output and 775 mV input)
Output Levels
Tape Out (ref. 7.75 mV at Phono inputs)
Pre-Out (ref. 180 mV at Aux inputs)
(ref. 500 mV at Aux inputs, main amp disconnected) 4.2 V
Output Impedance
Tape Out
Pre Out
FM TUNER SECTION:
Sensitivity
Sensitivity IHF Usable
IHF 50 dB Quieting (Mono)
(Stereo)
Quieting Slope (Mono)
RF Input for 30 dB Quieting ,
Quieting at:
$20 \text{ dBf} (55 \mu \text{V}) \dots 60 \text{ dB}$
$25 \text{ dBf} (10 \mu \text{V})$
40 dBf (55μ V)
65 dBf (1000 μ V)

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Quieting Slope (Stereo)		
Quieting at:		
$30 dBf(-17 \mu V)$	42 <u>c</u> 2	
	* * * * * * * * * * * * * * * * * * * *	. 70 GB
Distortion (Mono) at 65 dBf (1000 μ V)		1008
100 Hz	· · · · · · · · · · · · · · · · · · ·	0 15%
6000 Hz Distortion (Stereo) at 65 dBf (1000 μ V)		. 0.15%
100 Hz		. 0.35%
1000 Hz		0.2%
6000 Hz Distortion (Mono and Stereo)		. 0.3%
at 50 dB Quieting, 1000 Hz		
Hum and Noise		. 0.4%
at 65 dBf (1000 µV)		
Mono		00.10
requestor response		80 dB
30 Hz to 15 kHz		
Mono		10.40
		·
A.M. Suppression		60 dB
100 Hz 1000 Hz 10 kHz		45 dB
Subcarrier Rejection	• • • • • • • • • • • • • • • • • • • •	42 dB
		75 dB
AM TUNER SECTION:		
IHF Usable Sensitivity Distortion (THD) 30% Modulation		10 //
I.F. Rejection		80 dB
GENERAL:		3
Power Requirements		1
	110/120/220/240 V AC, 50 Hz (for U.S.A. and Ca	inada)
		720 W
Dimensions:	1997 T. T. T. T. T. T. T. T. T. T. T. T. T.	
Panel Width	••••••••••••••••••••••••••••••••••••••	1/4"
		1 - 4 4 4 1
Depth	••••••••••••••••••••••••••••••••••••••	1/4"
lait alone	ا اس به په محمد محمد محمد است به اور در	ي د در بېښد سوردوه، ژ
Unit alone	·····	4 lbs)
	· · · · · · · · · · · · · · · · · · ·	8 lbs)
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