



Micro-Mini Compo

Service Manual

MODEL: MC-6320

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SPECIFICATIONS

Frequency response	100Hz-10kHz
Signal-to-noise ratio	40dB
Output power	4.5W +4.5W
Power consumption	29W
Terminal impedance	Speaker: 4ohms
	Headphone: 32Ohms
Power source	AC 117V/ 60Hz
	AC 220V /50Hz
	AC 230V /50Hz
	AC 240V /50Hz
	AC 110V/ 220V 60Hz /50Hz
	AC 110/230V-240V 60Hz/50Hz
	AC 127V /240V 60Hz /50Hz
Dimension	600(L) x 535(D) x 263.5(H)mm
Weight	Approx 6.3Kg

ALIGNMENT INSTRUCTION

TEST EQUIPMENT

1. AM signal generator with test loop.
2. FM signal generator.
3. AM/FM-IF signal generator with 455 KHz and 10.7 MHz marker.
4. Oscilloscope with a wide band amplifier of approximately 100 KHz.
5. V.T.V.M (Vacuum-tube voltmeter).
6. Power supply.

AM ALIGNMENT

1. Turn on AM signal generator, IF generator, VTVM, oscilloscope and power supply.
2. Using the test loop across the output of MW signal generator, the radio will receive the generator signal by induction.
3. Connect the VTVM, oscilloscope and 4 ohm dummy load to the Speaker terminal.
4. Set the Band Switch to AM position in sequence.
5. Set the Volume Control to max. Position.
6. Set signal generator frequency as listed in AM Alignment Chart and maintain a sufficient output level to provide an obvious indication.
7. Proceed as listed in Alignment Chart.

FM-IF ALIGNMENT

1. Set the Selector Switch to FM position.
2. Connect a capacitor 0.1Uf between the PIN1 of IC 1 and the "+VE" output of FM-IF signal generator. The "-VE" pole of FM-IF signal generator connect to GND.
3. Connect a capacitor 0.1UF between the PIN17 of IC 1 and the "+VE" input of signal generator. The "-VE" pole of FM-IF generator connect to GND.

FM-RF ALIGNMENT

1. Turn on FM signal generator, VTVM, oscilloscope and power supply.
2. Input the signal to FM ANT.
3. Connect the VTVM, oscilloscope and 4 ohm dummy load to the Speaker terminal.
4. Set the Volume Control to max. Position.
5. Set the Signal Frequency as listed in FM Alignment Chart and maintain a sufficient output level to provide an obvious reading.

ALIGNMENT CHART

Band	Step	Signal Generator Frequency	Radio Dial Setting	Adjustment	Remark
IF	1	455KHz		T8	Adjust for best IF wave Form(at detector output)
AM	1	525KHz	Tuning Gang max. capacity	T5	Adjust for max. Indication
	2	1650KHz	Tuning Gang min. capacity	Trimmer of pvc	Adjust for max. Indication
	3	" repeat steps 1 and 2 as required "			
	4	600KHz	Tune to signal (600KHz)	AM ANT COIL	Adjust for max. Indication
	5	1400KHz	Tune to signal (1400KHz)	Trimmer of pvc	Adjust for max. Indication
	6	" repeat steps 4 and 5 as required "			
FM-I F	1	10.7MHz		T7	Adjust for best IF wave Form & S curve
FM-RF	2	87.35MHz	Tuning Gang max. capacity	L3	Adjust for max. Indication
	3	108.3MHz	Tuning gang min. capacity	Trimmer of pvc	Adjust for max. Indication
	4	" repeat steps 2 and 3 as required "			
	5	90MHz	Tune to signal (90MHz)	L2	Adjust for max. Indication
	6	106MHz	Tune to signal (106MHz)	Trimmer of pvc	Adjust for max. Indication
	7	" repeat steps 5 and 6 as required "			

OPTIONAL BAND

Band	Step	Signal Generator Frequency	Radio Dial Setting	Adjustment	Remark
LW	1	150KHz	Tuning Gang max. capacity	T6	Adjust for max. Indication
	2	270KHz	Tuning Gang min. capacity	CT3	Adjust for max. Indication
	3	" repeat steps 1 and 2 as required "			
	4	170KHz	Tune to signal (170KHz)	LW ANT COIL	Adjust for max. Indication
	5	250KHz	Tune to signal (250KHz)	CT1	Adjust for max. Indication
	6	" repeat steps 4 and 5 as required "			
SW	1	3.1MHz	Tuning Gang max. capacity	T6	Adjust for max. Indication
	2	12.25MHz	Tuning gang min. capacity	CT3	Adjust for max. Indication
	3	" repeat steps 2 and 3 as required "			
	4	3.5MHz	Tune to signal (3.5MHz)	T1	Adjust for max. Indication

CASSETTE SECTION

MOTOR SPEED

- Insert 3KHz TEST TAPE to deck compartment and adjust VR of motor to obtain the closing frequency of 3KHz which is displayed on the frequency counter.

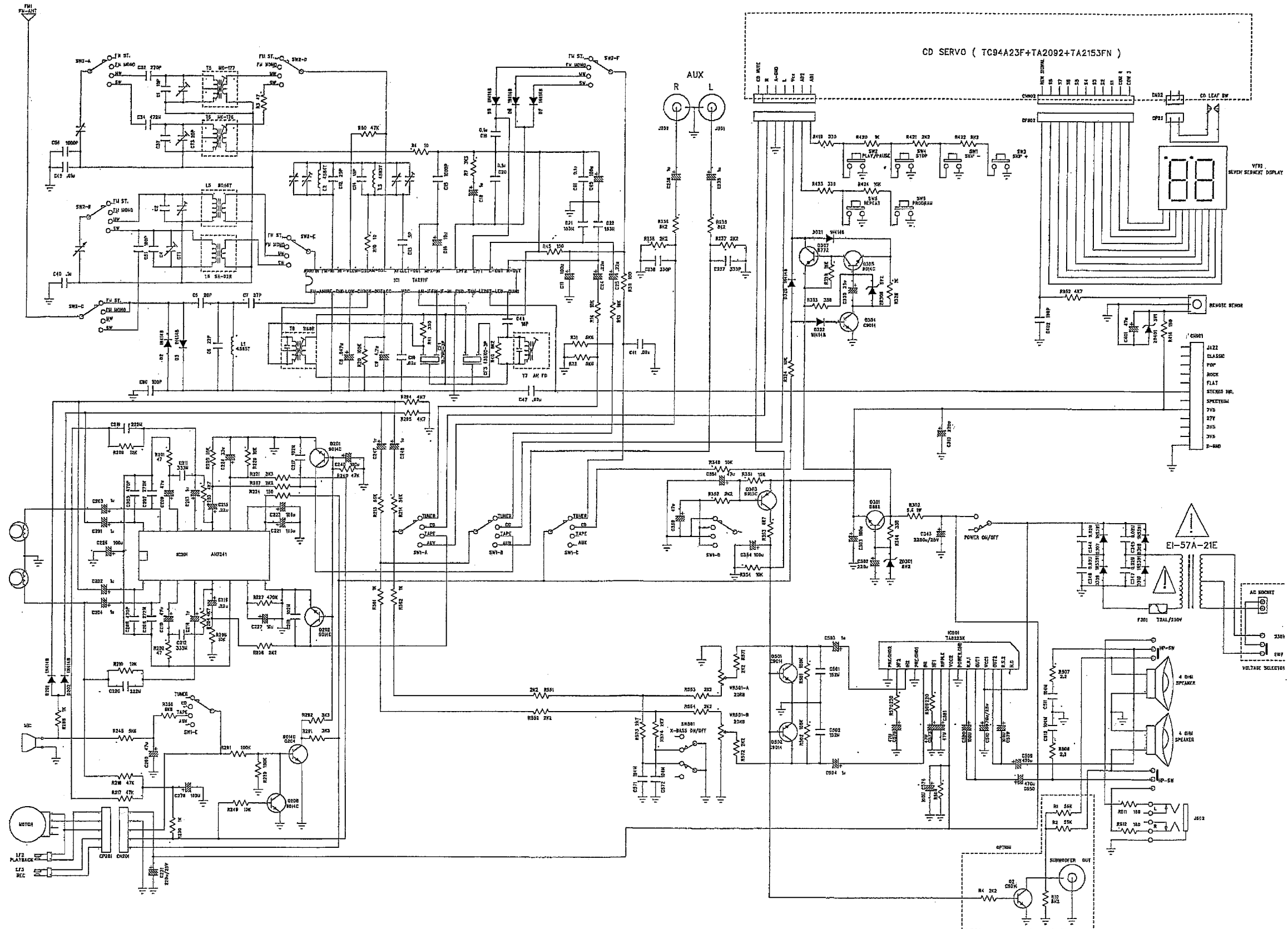
R/P HEAD AZIMUTH

- Set the function selection switch to TAPE position.
- Tune the volume control to max. output position.
- Insert 6.3KHz TEST TAPE into deck compartment. (TECT MTT-113N)
- Adjust the playback head mounting screw to obtain the max. output of frequency 6.3KHz. Reading at VTVM.

CD SECTION

- Connect the VTVM and oscilloscope to the speaker output of the unit.
- Put the test disk TCD-781 into the CD compartment.
- Set the function selection switch to CD position.
- Playback track 1 and set volume position to obtain 1V (0 dB) output from the speaker terminal. Playback track 6 and track 18 to read the output level which must within specification – 6dB.

CIRCUIT DIAGRAM



BOM LIST

NUMBER	DESCRIPTION	PC
101-71-3785-6802	PCB BOARD TS-3785RH-AI REV-0	1
110-53-9014-0320	TRANSISTOR 9014C 5MM	8
110-53-9015-0321	TRANSISTOR 9015C 5MM	2
115-03-0204-1480	DIODE 1N4148 P=26MM	7
192-01-3042-0022	RESISTOR 1/8W +/-5% P=26MM 2.2 OHM	2
192-01-3042-0100	RESISTOR 1/8W +/-5% P=26MM 10 OHM	4
192-01-3042-0220	RESISTOR 1/8W +/-5% P=26MM 22 OHM	1
203-01-0050-0000	JUMPER WIRE D=0.5MM	1
192-01-3042-0470	RESISTOR 1/8W +/-5% P=26MM 47 OHM	5
192-01-3042-1100	RESISTOR 1/8W +/-5% P=26MM 100 OHM	2
192-01-3042-1120	RESISTOR 1/8W +/-5% P=26MM 120 OHM	2
192-01-3042-1150	RESISTOR 1/8W +/-5% P=26MM 150 OHM	2
192-01-3042-1220	RESISTOR 1/8W +/-5% P=26MM 220 OHM	1
192-01-3042-1270	RESISTOR 1/8W +/-5% P=26MM 270 OHM	1
192-01-3042-1330	RESISTOR 1/8W +/-5% P=26MM 330 OHM	1
192-01-3042-2100	RESISTOR 1/8W +/-5% P=26MM 1K OHM	1
192-01-3042-2100	RESISTOR 1/8W +/-5% P=26MM 1K OHM	6
192-01-3042-2220	RESISTOR 1/8W +/-5% P=26MM 2.2K OHM	13
192-01-3042-2270	RESISTOR 1/8W +/-5% P=26MM 2.7K OHM	8
192-01-3042-2330	RESISTOR 1/8W +/-5% P=26MM 3.3K OHM	7
192-01-3042-2470	RESISTOR 1/8W +/-5% P=26MM 4.7K OHM	5
192-01-3042-2510	RESISTOR 1/8W +/-5% P=26MM 5.1K OHM	4
192-01-3042-2560	RESISTOR 1/8W +/-5% P=26MM 5.6K OHM	1
192-01-3042-2560	RESISTOR 1/8W +/-5% P=26MM 5.6K OHM	3
192-01-3042-2680	RESISTOR 1/8W +/-5% P=26MM 6.8K OHM	1
192-01-3042-2820	RESISTOR 1/8W +/-5% P=26MM 8.2K OHM	3
192-01-3042-3100	RESISTOR 1/8W +/-5% P=26MM 10K OHM	13
192-01-3042-3120	RESISTOR 1/8W +/-5% P=26MM 12K OHM	2
192-01-3042-3150	RESISTOR 1/8W +/-5% P=26MM 15K OHM	2
192-01-3042-3220	RESISTOR 1/8W +/-5% P=26MM 22K OHM	2
192-01-3042-3330	RESISTOR 1/8W +/-5% P=26MM 33K OHM	2
192-01-3042-3470	RESISTOR 1/8W +/-5% P=26MM 47K OHM	11

NUMBER	DESCRIPTION	PC
192-01-3042-3560	RESISTOR 1/8W +/-5% P=26MM 56K OHM	2
192-01-3042-3680	RESISTOR 1/8W +/-5% P=26MM 68K OHM	1
192-01-3042-4100	RESISTOR 1/8W +/-5% P=26MM 100K OHM	7
192-01-3042-4220	RESISTOR 1/8W +/-5% P=26MM 220K OHM	1
192-01-3042-4470	RESISTOR 1/8W +/-5% P=26MM 470K OHM	1
196-00-3035-0080	CER CAP +/-10% 5MM 8PF	1
196-00-3035-0050	CER CAP +/-10% 5MM 5PF	1
196-00-3035-0100	CER CAP +/-10% 5MM 10PF	1
196-00-3035-0150	CER CAP +/-10% 5MM 15PF	3
196-00-3035-0180	CER CAP +/-10% 5MM 18PF	1
196-00-3035-0200	CER CAP +/-10% 5MM 20PF	1
196-00-3035-0220	CER CAP +/-10% 5MM 22PF	1
196-00-3035-0250	CER CAP +/-10% 5MM 25PF	1
196-00-3035-0270	CER CAP +/-10% 5MM 27PF	1
196-00-3035-0470	CER CAP +/-10% 5MM 47PF	1
196-00-3035-0560	CER CAP +/-10% 5MM 56PF	1
196-00-3035-1100	CER CAP +/-10% 5MM 100PF	2
196-00-3035-1270	CER CAP +/-10% 5MM 270PF	1
196-00-3035-1330	CER CAP +/-10% 5MM 330PF	4
196-00-3035-1470	CER CAP +/-10% 5MM 470PF	4
196-00-3038-2100	CER CAP +80/-20% 5MM 0.001UF(102P)	2
196-00-3038-3100	CER CAP +80/-20% 5MM 0.01UF(103P)	7
196-00-3038-3200	CER CAP +80/-20% 5MM 0.02UF(203P)	3
196-00-3038-3470	CER CAP +80/-20% 5MM 0.047UF(473P)	3
196-00-3038-4100	CER CAP +80/-20% 5MM 0.1UF(104P)	11
196-00-3038-4100	CER CAP +80/-20% 5MM 0.1UF(104P)	8
197-00-3024-2100	MYLAR CAP +/-10% 5MM 0.001UF(102M)	2
197-00-3024-2150	MYLAR CAP +/-10% 5MM 0.0015UF(152M)	2
197-00-3024-2220	MYLAR CAP +/-10% 5MM 0.0022UF(222M)	2
197-00-3024-2270	MYLAR CAP +/-10% 5MM 0.0027UF(272M)	3
197-00-3024-2470	MYLAR CAP +/-10% 5MM 0.0047UF(472M)	3
197-00-3024-3100	MYLAR CAP +/-10% 5MM 0.01UF(103M)	1
197-00-3024-3150	MYLAR CAP +/-10% 5MM 0.015UF(153M)	3
197-00-3024-3330	MYLAR CAP +/-10% 5MM 0.033UF(333M)	2

NUMBER	DESCRIPTION	PC
197-00-3024-3470	MYLAR CAP +/-10% 5MM 0.047UF(473M)	1
200-03-1005-6470	ELECT CAP +/-20% 5MM 47UF/10V	9
200-03-1005-7100	ELECT CAP +/-20% 5MM 100UF/10V	9
200-03-1005-7100	ELECT CAP +/-20% 5MM 100UF/10V	5
200-03-1005-7220	ELECT CAP +/-20% 5MM 220UF/10V	3
200-03-1605-6330	ELECT CAP +/-20% 5MM 33UF/16V	1
200-03-1605-6470	ELECT CAP +/-20% 5MM 47UF/16V	5
200-03-1605-7100	ELECT CAP +/-20% 5MM 100UF/16V	2
200-03-2505-7100	ELECT CAP +/-20% 5MM 100UF/25V	1
200-03-2505-7220	ELECT CAP +/-20% 5MM 220UF/25V	1
200-03-5005-4220	ELECT CAP +/-20% 5MM 0.22UF/50V	4
200-03-5005-4470	ELECT CAP +/-20% 5MM 0.47UF/50V	1
200-03-5005-5100	ELECT CAP +/-20% 5MM 1UF/50V	9
200-03-5005-5100	ELECT CAP +/-20% 5MM 1UF/50V	6
200-03-5005-5470	ELECT CAP +/-20% 5MM 4.7UF/50V	1
200-03-5005-6100	ELECT CAP +/-20% 5MM 10UF/50V	3
200-03-5005-6220	ELECT CAP +/-20% 5MM 22UF/50V	2
203-01-0050-0000	JUMPER WIRE D=0.5MM	130
101-71-3785-3702	PCB BOARD TS-3785G-AI REV.3	1
110-53-9014-0320	TRANSISTOR 9014C 5MM	2
192-01-3042-1330	RESISTOR 1/8W +/-5% P=26MM 330 OHM	2
192-01-3042-2100	RESISTOR 1/8W +/-5% P=26MM 1K OHM	1
192-01-3042-3100	RESISTOR 1/8W +/-5% P=26MM 10K OHM	1
192-01-3042-3180	RESISTOR 1/8W +/-5% P=26MM 18K OHM	1
196-00-3038-3200	CER CAP +80/-20% 5MM 0.02UF(203P)	4
200-03-1005-7100	ELECT CAP +/-20% 5MM 100UF/10V	2
200-03-1605-6330	ELECT CAP +/-20% 5MM 33UF/16V	1
192-01-3042-2220	RESISTOR 1/8W +/-5% P=26MM 2.2K OHM	6
192-01-3042-2270	RESISTOR 1/8W +/-5% P=26MM 2.7K OHM	2
101-71-3785-3603	PCB BOARD TS-3785F-AI (C/D) REV.0	1
192-01-3042-1150	RESISTOR 1/8W +/-5% P=26MM 150 OHM	1
192-01-3042-1330	RESISTOR 1/8W +/-5% P=26MM 330 OHM	1
192-01-3042-1560	RESISTOR 1/8W +/-5% P=26MM 560 OHM	2
192-01-3042-2100	RESISTOR 1/8W +/-5% P=26MM 1K OHM	1

NUMBER	DESCRIPTION	PC
192-01-3042-2220	RESISTOR 1/8W +/-5% P=26MM 2.2K OHM	1
192-01-3042-2470	RESISTOR 1/8W +/-5% P=26MM 4.7K OHM	1
192-01-3042-3100	RESISTOR 1/8W +/-5% P=26MM 10K OHM	1
101-71-RC09-0002	PCB BOARD TS-RC09-AI REV.2 "REMOTE CONTROL BOARD"	1
110-53-9014-0320	TRANSISTOR 9014C 5MM	1
192-01-3042-0022	RESISTOR 1/8W +/-5% P=26MM 2.2 OHM	1
192-01-3042-2680	RESISTOR 1/8W +/-5% P=26MM 6.8K OHM	1
196-00-3035-1100	CER CAP +/-10% 5MM 100PF	2
200-03-1005-6470	ELECT CAP +/-20% 5MM 47UF/10V	1
103-06-7241-0000	ICs-AN7241	1
103-18-2092-0010	ICs-TA2092N	1
110-03-9015-0321	TRANSISTOR 9015C	1
110-04-8050-0320	TRANSISTOR KTC8050C	1
115-00-0204-1480	DIODE 1N4148	2
118-00-4005-0560	DIODE 5.6V 0.5W	1
145-24-1100-1000	CHOKE COIL 10UH(EC24-100K)+/-10%	2
132-02-3169-3430	CRYSTAL 16.9344MHZ/2PINS	1
131-02-4107-0030	CERAMIC FIL TERS 10.7MA3B+/-3KHz (FFE1070M1)/(LT10.7MA5)	1
131-01-2455-0070	CERAMIC FIL TERS 455KHz (3 PINS) BW=7KHz	1
139-00-7045-0250	COIL: 4583T L0.7X4.5X2.5T	1
139-00-7045-0350	COIL: 4584T L0.7X4.5X3.5T	1
139-00-7045-0450	COIL: 4585T L0.7X4.5X4.5T	1
143-10-0220-1770	IFT: MO-177 RED	1
143-10-0300-1760	IFT: MO-176	1
143-10-0001-1600	IFT: 1160R YELLOW	1
143-07-0117-7320	IFT: AN-FD (7732R) PINK / 7CF-N01 7MM	1
192-01-0042-4100	RESISTOR 1/8W +/-5% 100K OHM	1
197-00-0024-4100	MYLAR CAP +/-10% 0.1UF(104M)	2
197-00-0024-4220	MYLAR CAP +/-10% 0.22UF(224M)	2
200-00-1605-6470	ELECT CAP +/-20% 47UF/16V	1
200-00-1605-7100	ELECT CAP +/-20% 100UF/16V	2
200-00-1005-7470	ELECT CAP +/-20% 470UF/10V	2
200-00-2505-7470	ELECT CAP +/-20% 470UF/25V	1
204-02-6300-8000	CONDUCTOR AWG 26# 80MM BLACK	1

NUMBER	DESCRIPTION	PC
203-01-0050-0000	JUMPER WIRE D=0.5MM	2
209-06-2510-0200	2P EH-D WAFER CONNECTOR SOCKET	1
209-06-2510-0300	3P EH-D WAFER CONNECTOR SOCKET	2
209-06-2510-0500	5P EH-D WAFER CONNECTOR SOCKET	2
209-06-2510-0600	6P EH-D WAFER CONNECTOR SOCKET	1
209-07-2010-0600	6P PH-D WAFER CONNECTOR SOCKET	1
209-07-2010-1100	11P PH-D WAFER CONNECTOR SOCKET	1
209-07-2010-0400	4P PH-D WAFER CONNECTOR SOCKET	1
564-02-0020-0368	TS-368 CD MOTOR IC HEAT SINK	1
110-04-8820-1650	TRANSISTOR 2SD882P/D882	1
115-00-0204-1480	DIODE 1N4148	2
117-00-2015-3910	DIODE 1N5391	4
118-00-4005-0820	DIODE 8.2V 0.5W	2
192-01-0102-0056	RESISTOR 1W +/-5% 5.6 OHM	1
200-00-2505-8220	ELECT CAP +/-20% 2200UF/25V	1
203-01-0050-0000	JUMPER WIRE D=0.5MM	1
209-06-2510-0200	2P EH-D WAFER CONNECTOR SOCKET	1
197-00-0024-4100	MYLAR CAP +/-10% 0.1UF(104M)	2
203-01-0050-0000	JUMPER WIRE D=0.5MM	1
118-00-4005-0510	DIODE 5.1V 0.5W	1
196-00-0035-1100	CER CAP +/-10% 100PF	1
200-00-1605-6470	ELECT CAP +/-20% 47UF/16V	2
192-01-0042-1330	RESISTOR 1/8W +/-5% 330 OHM	1
192-01-0042-2820	RESISTOR 1/8W +/-5% .2K OHM	1
203-01-0050-0000	JUMPER WIRE D=0.5MM	1
	TS-310 BAR HOLDER	1
103-08-2111-0020	ICs-TA2111F	1
103-18-9423-0030	ICs-TC94A23F-503	1
103-18-2153-0020	ICs-TA127A5 2153FN	1
103-07-8223-0010	ICs TA8223K (5WATT)	1
136-20-3088-0000	3B P.V.C /88-108MHZ	1
140-07-0416-0800	IFT: 80: 16T (D=10MM)	1
142-10-1300-0020	IFT: SA-02 NATURE	1
137-01-0102-2010	TRIMMER 20PF	1

NUMBER	DESCRIPTION	PC
147-00-0010-0800	FERRITE BAR: 10X80MM	1
148-59-6401-2301	SWITCH: SK-64D01 (6P4T)M13 /SK-64D01-M13-S	1
148-59-6401-2900	SWITCH: SK-64D01-M9 / SK-64D01-M9-S	1
186-02-0100-0000	RCA SOCKET (WHITE)	1
186-02-0100-0001	RCA SOCKET/AV-8.4-1 (RED)	1
186-01-0430-4010	SOCKET: MSP-304V-01	1
187-01-5435-1120	STEREO EARPHONE JACK: EJ-3511-202G (ST-202-SWD-G)	1
209-21-1010-1600	SOCKET 2X8 (FFC-16) (CONNECTOR SOCKET)	1
550-04-2226-0400	SCREWS MFS (KM) 2.6X4	2
550-24-5130-1000	SCREWS TPS (PA) 3X10	1
550-04-5430-0600	SCREWS STP (TAP TITE) 3X6	1
721-01-2020-0150	PVC CUSHION 20X20X1.5MM	1
564-01-0040-8718	TS-8718 IC HEAT SINK (HEAT SINK) ADD ONE HOLE	1
207-63-0306-1240	6P EH HOUSNG CONNECTOR 240MM	1
564-01-0020-0182	TS-182X HEAT SINK	1
574-02-0200-0010	FUSE HOLDER MFS-015	2
550-04-5430-0600	SCREWS STP (TAP TITE) 3X6	1
110-04-7720-1651	TRANSISTOR 2SB772P/2SB772Q/B772	1
186-02-0100-8432	SOCKET: AV-8.4-3 BLACK)	1
115-00-0204-1480	DIODE 1N4148	1
131-01-2455-0020	CERARNIC FILTER Y.S 455E REPLACE :455KHZ (2 PIN)E/ZTB455E/CRB455E	1
119-01-0111-2200	IR AMITTER EL-1L2 / KY-IR100 / IR333C H0-A / IED350	1
152-01-6060-0451	KFC TACT SWITCH: JTP-1230A (4.5MM)/(KFC-A06-01-H4.5)/TS-1145-250	6
119-08-0112-0430	IR RECEIER PIC-12043T/RIM-A38/KSM-603LM/PIC-2092LM/IRM499H-S	1
122-01-0322-2700	LED D=3MM RED	1
710-04-0000-0000	OIL-CLOTH TUBE	15
126-01-2203-0241	LCD DISPLAY CD LED E3-2030APR3 PIN=24MM 10P	1
207-63-0303-1120	3P EH HOUSING CONNECTOR 120MM	1
207-72-0304-1220	4P PH HOUSING CONNECTOR 220MM	1
207-72-0311-1180	11P PH HOUSING CONNECTOR 180MM	1
150-16-2281-0010	LED: TS-7 2P2T JPS-2281 8.5*8.5	1
159-30-4202-0200	ROTARY VOL. 20KB16.4MM R1615G12A1B20/R1611GOX-V1B203FE00-00	1
207-63-0305-1220	5P EH HOUSING CONNECTOR 220MM	1
	TS-3831 POINTER BRACKET (WITHOUT VFD)	1

NUMBER	DESCRIPTION	PC
	TS-378 TUNING BRACKET	1
	TS-378 TUNING SHAFT	1
	FIBRE	5
122-01-0322-2700	LED D=3MM RED	1
150-54-0062-0100	LEAF SWITCH: LSA-62	1
151-01-0013-3020	SWITCH: PB1K00A2L 18T	1
205-11-2802-2000	SINGLE SHIELD WIRE S.S.W 2PX220MM	1
207-63-0602-1340	EH 26#HOUSIGN CONNECTOR WIRE P2.5-2PX340	1
217-01-1032-0800	CONDENEER MIC: EM-80	1
721-04-0915-0800	MIC COUSION 15X9X8MM	1
206-22-5020-1000	RAIW BOW CNECTOR WIRE RAINBOW 30# 2PX100MM	1
207-63-0602-1280	EH 26#HOUSING CONNECTOR WIRE P2.5-2PX280MM	1
556-10-0090-0768	TS-768 D0.5X8T DIAL SPRING	1
575-01-3060-0800	M6X0.8MM	1
578-12-4420-4000	EYELET 2X4MM	1
714-12-0300-0000	DIAL CORD D=0.3MM	620
	TS-203 CD DUST COVER	1
	TS-3831 CD DOOR P03	1
	TS-182 VCD HOLDER	1
	TS-203 DISK COVER	1
	TS-899 LOCK RING	1
	TS-8718 DAMPER GEAR	1
	TS-8718 DAMPER GEAR HOLDER	1
206-32-0160-2000	CD FLAT CABLEUL20624/2896 E118147 16PX200MM	1
170-01-2130-0000	CD DECK MECHANISM (SONY) KSM-213CDM / 02S	1
207-72-2706-1220	PH/PH 28#HOUSING CONNECTOR WIREP2.0-6PX220MM-P2.0	1
550-04-5220-0400	SCREW MPS (PM) 2X4	1
550-24-5120-0800	SCREW TPS (PA) 2X8	1
550-23-5326-1600	CD DECK MECHANISM SCREW PWB 2.6X16	4
550-34-5130-1000	SCREW TWS (WA) 3X10 H=8MM	2
556-10-0060-1162	TS-1162 (M06) CD DOOR SPRING (CD DOOR SPRING) D1.4X3T	1
562-00-1010-0600	TS-600 FIXED PLATE	6
567-00-0000-1128	TS-1128 CD DOOR LOCK / DL-1902	1
567-02-0010-0899	TS-899 (M27) DISK STEEL COVER PLATE	1

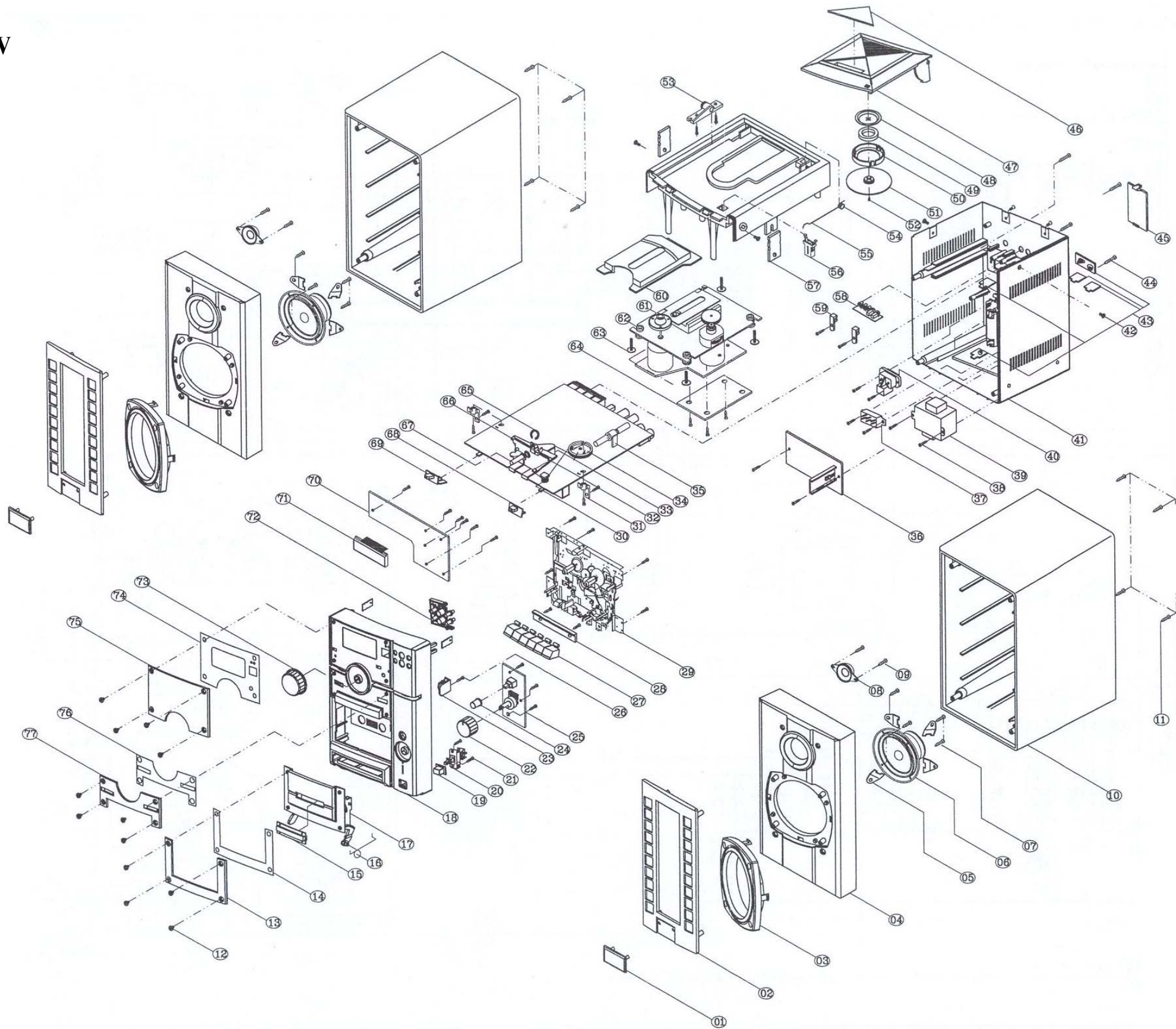
NUMBER	DESCRIPTION	PC
567-03-0000-2388	CD MAGNET "SONY" 30X16X5MM	1
712-00-2130-0121	CD CUSHION D13X12 (RED) 30 / CTL002-01430-05S	2
712-00-6130-0121	CD CUSHION D13X12 (GREEN) 40 / CTL002-01440-09S	2
816-01-2388-0000	TEAMSING WARRANTY STICKER	1
	TS-RC09 REMOTE CONTROL FRONT CABINET P01	1
	TS-RC09 REMOTE CONTROL BACK CABINET P02	1
	TS-RC09 REMOTE CONTROL BATTERIES DOOR P03	1
	TS-RC09 REMOTE UPPER KEY P04	1
	TS-RC09 REMOTE LOWER KEY P05	1
	TS-RC09 REMOTE CONTROL LENS P06	1
213-12-0090-RC09	RULTER KEY-PAD TS-RC09 (9KEY)	1
555-07-1000-RC09	TS-RC-09 BATTERY CONTACT"+"	1
555-07-2000-RC09	TS-RC-09 BATTERY CONTACT"-"	1
555-07-3000-RC09	TS-RC-09 BATTERY CONTACT"+/-"	1
550-24-2120-0800	SCREW TFS (KA) 2X8	1
550-24-2126-0800	SCREW TFS (KA) 2.6X8	1
718-30-2100-0000	RIBBON W=10MM	120
837-51-0072-0720	BUBBLE BAG 7-1/4X(7-1/4X2)+1-1/4	1
150-54-0062-0100	LEAF SWITCH: LSA-62	1
167-13-1055-0000	MACHANISM TN21SC-102M 12V/TN21SC-102M	1
174-04-1102-3020	FUSE 2A/250V(VDE)	1
181-00-5731-1910	EI-57A-17E(K5712BF)115℃ VDE APP 120/230V WITHOUT AC CORD	1
185-15-0201-0090	CE STANDARD AC SOCKET (AC-009)	1
204-02-6301-6020	JUMPER WIRE AWG 26# 160MM RED	1
207-63-0203-1220	3P EH DOUBLE SHIELD WIRE D.S.W 220MM	1
207-63-0605-1200	EH 26#DOUBLE SHIELD WIRE P2.5-5PX200MM	1
550-04-5420-0300	SCREW STP (TAP TITE) 2X3	1
550-04-5420-0500	SCREW STP (TAP TITE) 2X5	1
559-30-0010-1162	TS-1162 RECORDER PLATE	1
712-11-0030-0500	EXTRUDED TUBE D3X50MM	1
154-00-2120-1000	SWITCH 1P2T SS12J01M (1P2T) /SS-12J01-G0-N 110/220V	1
204-02-2301-0020	JUMPER WIRE AWG 22# 100MM RED	1
	TS-7322 BATTERIE DOOR	1
	TS-3831 BACK CABINET P22	1

NUMBER	DESCRIPTION	PC
	TS-182X HEADPHONER MANTING BRACKET	1
	TS-3831 VOLUME KNOB P13	1
	TS-3831 BASS KNOBP15	1
	TS-899 DAMPER GEAR HOLDER	1
	TS-410 DAMPER GEAR	1
	TS-3831 POWER KNOB P12	1
	TS-3831 FRONT CABINET P01	1
	TS-3831 TUNING KNOB P14	1
	TS-3831 FUNCTION KNOB JP09	1
	TS-3831 CASS. DOOR P02	1
	TS-3831 CASS. DOOR LENS P07	1
	TS-3831 CONTROL LENS P05	1
	TS-MH01CASS. DOOR	1
	TS-3831 CASS. DOOR LENS P08	1
	TS-3831 CD DOOR LENS P06	1
	TS-3831 TUNING LENS P04	1
	TS-8718 DIAL DRUM	1
	TS-8718 EQ BRACKET	2
	TS-3831 FUNCTION SWITCH LEFT P10	1
	TS-3831 FUNCTION SWITCH RIGHT P11	1
	TS-368 DIAL DRUND32MM	1
204-02-6311-5000	JUMPER WIRE AWG 26# 1500MM BLACK	1
207-63-0604-0800	EH 26#SOCKET WIREP2.5-4PX80MM	1
184-32-0330-7200	1.83M VDE CORDSF-103+SF-106 REPLACE 6 FT VDE APPROVAL	1
	TS-3831 BACK PLATE 46X26MM	1
498-03-0000-0020	TS-206 VCD VOLTAGE PLATE 73X17.8X0.3MM	1
498-03-8718-0020	TS-8718 VOLTAGE PLATE 16X22X0.3MM	1
498-03-0203-0010	TS-203 (M11) DC JACK PLATE (A) 29.8X15.3X0.3	1
550-04-0226-0400	SCREW MBS (BM) 2.6X4	1
550-24-5126-1000	SCREW TPS (PA) 2.6X10	2
550-05-2230-0800	SCREW MFS (KM) 3X8 BLACK	6
550-24-5130-0800	SCREW TPS (PA) 3X8	5
550-24-5130-1000	SCREW TPS (PA) 3X10	8
550-24-5130-1000	SCREW TPS (PA) 3X10	8

NUMBER	DESCRIPTION	PC
550-24-5130-1200	SCREW TPS (PA) 3X12	4
550-24-5130-3500	SCREW TPS (PA) 3X35	4
550-25-2130-1000	SCREW TFS (KA) 3X10 BLACK	2
550-34-5126-0600	SCREW TWS (WA) 2.6X6 H=8MM	1
550-34-5130-1003	SCREW TWS (WA) 3X10 H=10MM	1
550-34-5130-2200	SCREW TWS (WA) 3X22 H=8MM	2
550-04-3226-0500	SCREW M2.6X5 HEAD=7.0	12
556-20-0010-8718	TS-8718 CASSETTE DOOR SPRING D0.8mm	1
562-00-0320-0568	TS-568 CSAAETTE KEY CLIP	1
576-01-7302-1800	BANDER 3X18	1
715-01-0000-1000	CABLE TIE 100MM	2
836-01-0120-0240	POLYBAG 2-1/2"X12"	1
	TS-3831 GIFT BOX	1
	TS-3831 INSTRUCTION MANUAL FOR ENGLISH	1
835-21-0378-0000	CARTON TS-378	1
833-02-0403-0000	TS-403 CD HEAD COVER	1
812-01-0000-0000	SERAL NO. STICKET	4
805-00-0000-0000	P.M.P.O. LABEL	1
823-03-2501-2000	FUSE LABEL 2A/250V	1
826-01-0000-0110	WARNING LABEL	1
826-01-0000-0010	CLASS LABEL	1
827-06-0000-0120	FUSE LABEL	1
836-01-0030-0200	POLYBAG 2X3 (P.E.)	2
836-02-0190-1800	POLYBAG 18"X19"	3
838-01-3831-0000	POLYFOAM TS-3831/188X	1
	TS-3831 SPEAKER FRONT CABINET P18	2
	TS-MH02 SPEAKER BACK CABINET	2
	TS-3831 SPEAKER COVER P19	2
	TS-3831 SPEAKER CLOTH GRILL BRACKET P21	2
	TS-3831 SPEAKER BOX BADGE P20	2
177-45-8116-1400	4OHM 4" 8W	2
177-45-3124-0201	4OHM 2" 10W	2
200-00-5005-5470	ELECT CAP +/-20% 4.7UF/50V	2
451-03-8718-0010	4ΩSPEAKER PLATE TS-10/8718 20X30	2

NUMBER	DESCRIPTION	PC
204-02-6301-4020	JUMPER WIRE AWG 26# 140MM RED	2
204-02-6301-4000	JUMPER WIRE AWG 26# 140MM BLACK	2
	SPEAKER GRILL CLOTH JY-29A-2	2
206-20-1021-1501	SPEAKER WIRE 1.5M (22# 1500MM)	2
550-34-5130-0800	SCREW TWS (WA) 3X8 H=8MM	4
550-34-5130-1000	SCREW TWS (WA) 3X10 H=8MM	8
550-24-5130-2500	SCREW TPS (PA) 3X25	12

EXPLODED VIEW



PART LIST

NO	PART NAME	QTY
1	SPK logo	2
2	SPK mesh bracket	2
3	SPK cover	2
4	SPK panel	2
5	SPK clip	8
6	Speaker (4')	2
7	Screw (TWS3x10)	8
8	Speaker (1.5'')	2
9	Screw (TWS3x8)	4
10	SPK box back cabinet	2
11	Screw (TPS) 3x25	8
12	Screw 2.6x5)	12
13	Cassette lens (L)	1
14	Cass door lens plate	1
15	Cassette lens(s)	1
16	Cass Door spring	1
17	Cassette door	1
18	Front cabinet	1
19	Power knob	1
20	Power sw	1
21	Screw (TPS 3x10)	27
22	Volume knob	1
23	Damping gear	1
24	Bass HNDB	1
25	Volume PCB assy	1
26	Screw (TWS 3x10)	3
27	Cassette key	1 set
28	Blind plate	1
29	Cass deck	1
30	Dial bracket	1
31	TS2SEQ BKT	1
32	Dial bracket (VFD)	1
33	Tuning bracket	1
34	Dial drum	1

NO	PART NAME	QTY
35	Bar holder	1
36	Power PCB assy	1
37	Transition sw	1
38	Screw (TWS3 x 22)	2
39	Transformer	1
40	AC Jack	1
41	Rear cabinet	1
42	Screw (MFS 3x8)	6
43	Battery spring assy	1 set
44	Screw (TPS 3x35)	4
45	Small battery door	1
46	CD cover lens	1
47	CD cover	1
48	CD steel cover	1
49	Magnet	1
50	Lock ring	1
51	Disk cover	1
52	Screw (MPS 2x7)	1
53	CD damping gear	1
54	CD holder	1
55	CD door spring	1
56	CD door lock	1
57	600 plate	6
58	VCD out PCB assy	1
59	Phone PCB BKT	2
60	CD dust cover	1
61	CD deck	1
62	CD rubber	4
63	Screw (PWB 2x16)	4
64	CD (VCD) PCB	1
65	E-ring	1
66	Dial pully	1
67	Turning shaft	1
68	Slide knob (R)	1
69	Slide knob (L)	1
70	Control PCB	1
71	VFD lens	1

NO	PART NAME	QTY
72	Function knob	1 set
73	Tuning knob	1
74	Display lens plate	1
75	Display lens	1
76	Control lens plate	1
77	Control lens	1

