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service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.



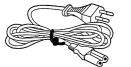
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## Contents

Page	
Type Illustration of IC's, Transistors and Diodes18	
Schematic Diagram ······ 19 ~ 26	
Printed Circuit Board Diagram ······ 27 ~ 31	
Wiring Connection Diagram	
Block Diagram ······ 33 ~ 38	
Terminal Function of IC's	
Measurements and Adjustments ······43, 44	
Troubleshooting Guide 45	
Cabinet Parts Location	
Loading Unit Parts Location48	
Mechanism Parts Location ······49	
Replacement Parts list ······ 50 ~ 54	
Packaging ······55	

# Accessories

• AC power cord ······1 pc. (RJA0019-2K) (GC area) (RJA0035-A) (GN area)





Dago

• AC power plug adaptor (GC area) ······1 pc. (RJP1SG04-H)



• Remote control transmitter (EUR646550) .....1 pc.



• Batteries for remote control (AAA, R03/LR03, UM-4) ···· 2 pcs. (GC area)



## CAUTION:

THIS PRODUCT UTILIZES A LASER.

USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

## Precaution of Laser Diode

CAUTION: This product utilizes a laser diode with the unit turned "on", invisible laser radiation is emitted from the pick up lens. Wave length: 780 nm

Maximum output radiation power from pick up: 100  $\mu\text{W/VDE}$ 

Laser radiation from the pick up unit is safety level, but be sure the followings:

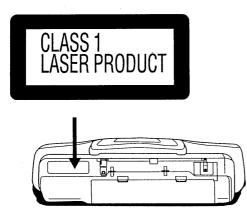
- 1. Do not disassemble the pick up unit, since radiation from exposed laser diode is dangerous.
- 2. Do not adjust the variable resistor on the pick up unit. It was already adjusted.
- 3. Do not lock at the focus lens using optical instruments.
- 4. Recommend not to lock at pick up lens for a long time.

ACHTUNG: Dieses produkt enthält eine laserdiode. Im eingeschalteten zustand wird unsichtbare laserstrahlung von der lasereinheit adgestrahit. Wellenlänge: 780 nm

Maximale strahlungsleistung der laserinhelt: 100 µW/VDE

Die strahlung an der lasereinheit ist ungefährlich, wenn folgende punkte beachtet werden:

- 1. Die lasereinheit nicht zerlegen, da die strahlung an der freigelegten laserdiode gefährlich ist.
- 2. Den werksseitig justierten einstellregler der lasereinreit nicht verstellen.
- 3. Nicht mit optischen instrumenten in die fokussierlinse blicken.
- 4. Nicht über längere zeit in die fokussierlinse blicken.



DANGER	INVISIBLE LASER RADIATION WHEN OPEN. AVOID DIRECT EXPOSURE TO BEAM.
ADVARSEL	USYNLIG LASERSTRÅLING VED ÅBNING, NÅR SIKKERHEDSAFBRYDERE Er ude af funktion. Undgå udsættelse for stråling.
VARO!	AVATTAESSA JA SUOJALUKITUS OHITETTAESSA OLET ALTTIINA Näkymätöntä lasersäteilylle. Älä katso säteeseen.
VARNING	OSYNLIG LASERSTRÅLNING NÄR DENNA DEL ÄR ÖPPNAD OCH Spärren är Urkopplad. Betrakta ej Strålen.
ADVARSEL	USYNLIG LASERSTRÅLING NÅR DEKSEL ÅPNES OG SIKKERHEDSLÅS Brytes. Unngå eksponering for strålen.
VORSICHT	UNSICHTBARE LASERSTRAHLUNG, WENN ABDECKUNG GEÖFFNET. Nicht dem Strahl Aussetzen.

(Inside of product) (Indersiden at apparatet) (Tuotteen sisällä) (Apparatens insida)

(Produktets innside)

(Im Inneren des Gerätes)

## Handling Precautions for Traverse Deck

The laser diode in the traverse deck (optical pickup) may break down due to potential difference caused by static electricity of clothes or human body.

So, be careful of electrostatic breakdown during repair of the traverse deck (optical pickup).

#### Handling of traverse deck (optical pickup)

- 1. Do not subject the traverse deck (optical pickup) to static electricity as it is extremely sensitive to electrical shock.
- 2. To protect the laser diode against electrostatic breakdown, short the flexible board (FFC board) with a clip or similar object.
- Take care not to apply excessive stress to the flexible board (FFC board).
- 4. Do not turn the variable resistor (laser power adjustment). It has already been adjusted.

#### Grounding for electrostatic breakdown prevention

- 1. Human body grounding
  - Use the anti-static wrist strap to discharge the static electricity from your body.
- 2. Work table grounding
  - Put a conducive material (sheet) or steel sheet on the area where the traverse deck (optical pickup) is placed, and ground the sheet.

#### Caution:

The static electricity of your clothes will not be grounded through the wrist strap. So, take care not to let your clothes touch the traverse deck (optical pickup).

#### **Caution when Replacing the Traverse Deck:**

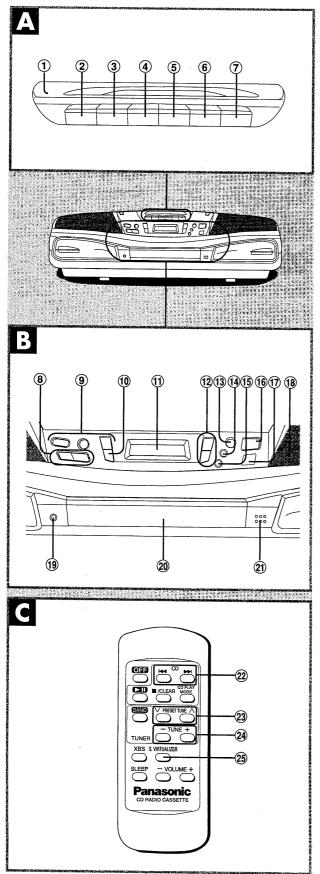
FFC board (Handle it carefully) Short point No. (§ (GND) pin No. (4) (LD) pin (Do not turn) FFC board Lens (Do not touch) Optical pickup Variable resistor (Do not turn)



The traverse deck has a short point shorted with solder to protect the laser diode against electrostatic breakdown. Be sure to remove the solder from the short point before making connections.

— 3 —

## Location of Controls



## Main unit

#### A Number

### Designation

- 1 Deck (Recording/playback)
- ② Recording button (● [REC])
- ③ Playback button (► PLAY)
- ④ Rewind/review button (◄◄ REW/REV)
- ⑤ Fast forward/cue button (►► FF/CUE)
- 6 Stop/eject button (■/▲ STOP/EJECT)
- Pause button (II PAUSE)

### в

- **8** Tuning/CD skip, search buttons
  - (TUNE/SKIP/SEARCH -/I
- **9** Function select buttons
  - Tape/power standby button ( TAPE/OFF) Press to switch the unit from on to standby mode or vice versa. In standby mode (refer to ()), the unit is still consuming a small amount of power.
  - Tuner/band button (BAND)
  - CD play/pause button (►/ II)
- ① CD stop/program clear, tuning mode select button
   (■ CLEAR/TUNE MODE)
- 1 Display panel
- Wolume control buttons (VOLUME +, -)
- (1) Sleep timer button (SLEEP)
- CD program, tuner preset button (MEMORY)
- Stereo/monaural, beat proof button (FM MODE/BP)
   CD play mode select button (CD PLAY MODE)
- 16 XBS button (XBS)
- 1 Remote control signal sensor (SENSOR)
- 18 Speaker
- (9) Power/standby/battery indicator (PWR/BATT 心/I)

The indicator lights green when the unit is turned on.

When the AC power supply is used, it functions as an AC connection indicator. (The indicator colour changes to red when the unit is turned off.)

When the unit is operated on batteries, it functions as a battery check indicator. (See page 6.)

- 20 CD tray
- ② CD tray open button (▲ CD OPEN)

## Remote control

The functions of the buttons without numbers are same as on the main unit.

Number Designation

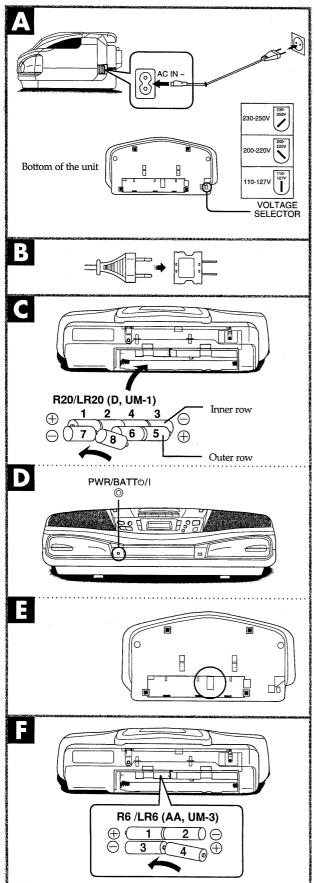
- 2 CD skip, search buttons (I◄◄, ►►I)
- Preset tuning buttons (V PRESET TUNE A) Press to select the preset channel when presetting radio broadcasts and in preset tuning.
- With the station when presetting radio broadcasts and in manual tuning.
- 25 Sound virtualizer button (S.VIRTUALIZER)

- 4 ---

А

С

# Power Sources



## Using a household AC outlet

- Set the voltage. Use a flat-head screwdriver to turn the voltage selector of the unit to the voltage setting for the area in which you will be using the system.
- Connect the included AC power cord to the AC IN~ socket of the unit and your household AC outlet.

If the power plug will not fit your socket, use the power plug adaptor (included) as illustrated. **B** 

#### Notes

- Before connecting or disconnecting the AC power cord to the unit, make sure the unit is switched off by pressing TAPE/OFF. (If the tape is travelling, press M/A STOP/EJECT as well.)
- If the unit is not going to be used for a prolonged period of time, disconnect the AC power cord to conserve power.

## Using batteries (not included)

Disconnect the AC power cord from the AC IN~ socket of the unit, and insert eight R20/LR20 (D, UM-1, not included) batteries in the illustrated order.

#### When to replace the batteries

#### When the batteries are weak:

- The power/standby/battery indicator goes off (or dims) during play.
- The unit automatically turns itself off, then "U01" and "
  appear on the display.

Be sure to replace all batteries with new ones.

#### How to remove the batteries 🖪

Remove batteries by inserting your finger into opening on the bottom of the unit and pushing out.

### Memory back-up batteries (not included)

In the event of a power failure, or if the AC power cord is disconnected from the household AC outlet (during AC operation), or should the batteries fail, the memory back-up batteries will preserve the preset memory of this unit.

#### Battery installation 🖪

Insert four R6/LR6 (AA, UM-3, not included) batteries into the battery compartment, making sure that the batteries are installed in the designated numerical order and that the proper polarities are maintained.

- The life of the memory back-up batteries can be prolonged by keeping the AC power cord plugged in the household AC outlet at all times.
- When disconnecting the AC power cord, switch off the unit first by pressing TAPE/OFF. (If the tape is travelling, press ■/▲ STOP/ EJECT as well.) The life of the memory back-up batteries is reduced if the AC power cord is disconnected from a household AC outlet with the power still supplied.

### **Battery removal**

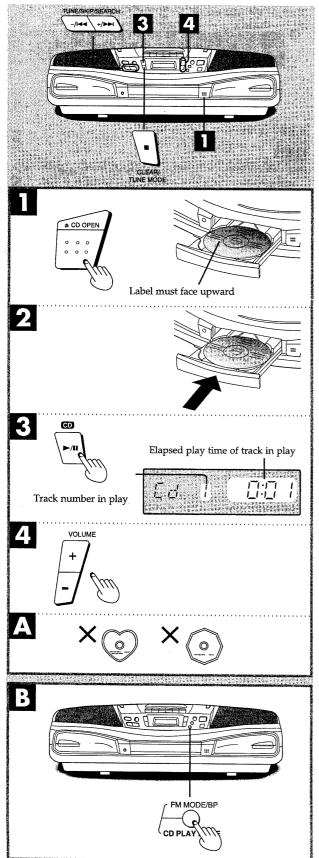
Lift the negative end of the number 4 battery to remove batteries.

#### **Battery** life

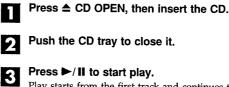
5

The life of the memory back-up batteries is about one year.

## Listening to CDs



# Sequential play



Play starts from the first track and continues to the last track, after which it automatically stops.

Adjust the volume.

#### To stop the disc: Press ■ CLEAR.

To pause	Press ▶/II during playback. To resume playback, press ▶/II.	
To search forward/	Hold down –/I◀◀ (backward) or +/▶▶	
backward	(forward) during playback.	
To skip forward/	Press –/I◀◀ (backward) or +/▶▶	
backward	(forward) during playback.	

#### Notes

- If interference occurs to radios or televisions, place the unit as far as possible from this equipment.

### To prevent damage

Do not use irregular shape CDs (heart-shape, octagonal, etc.).

## Repeat play and random play

### Press CD PLAY MODE before or during play.

Press ►/II to begin play if you are in the stop mode. Every time you press the button:

→1-C → C → FANDOM → (off) ---

## To repeat just one track:

Press CD PLAY MODE to select "1- ".

#### To repeat all tracks:

Press CD PLAY MODE to select " ".

#### To start random play:

Press CD PLAY MODE to select "FANDOM". All tracks on the loaded CD will be played in random order. Playback will stop automatically when all tracks have been played.

#### To cancel repeat play and random play:

Press CD PLAY MODE to clear "1- $\bigcirc$ ", " $\bigcirc$ " and "RANDOM". Pressing  $\triangleq$  CD OPEN also cancels repeat play and random play.

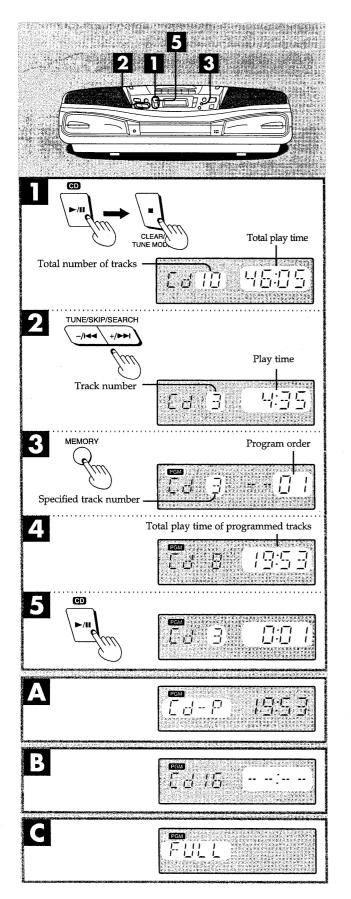
#### To repeat programmed tracks:

- 1. Program desired tracks (steps 1 to 4 on page 7)
- 2. Press CD PLAY MODE to display " ( "."
- 3. Press ►/II to begin play.

#### Notes

- 6 -

- During random play, you cannot skip to tracks which have already been played.
- During random play, you can search forward or backward only within the current tracks.
- Random play cannot be used in combination with program play.



## **Program play**

You can program up to 24 tracks.

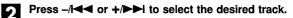
#### Before operation:

Program play cannot be used in combination with random play. When "FANDOM" is displayed, press CD PLAY MODE to clear the display.



#### Press ►/II, then press ■ CLEAR after the track number has been displayed.

The total number of tracks and total play time of the CD are displayed.





#### Press MEMORY. "PGM" is displayed.

4

#### Repeat steps 2 through 3 until you have programmed all the tracks you want.

#### Press ►/ II. 5

Play will start in the programmed sequence.

When all programmed tracks have been played, "Cd-P" and the total play time will be displayed. A

### To cancel program play:

Press ■ CLEAR in the stop mode to display "CLR". Pressing 
CD OPEN will cancel program play.

### When "----" appears: B

This means that the total play time of the programmed tracks has exceeded 120 minutes. Tracks can still be programmed and played.

#### When "FULL" appears: C

The number of programmed tracks is limited to 24. No further tracks can be programmed.

#### To check what has been programmed:

Press -/- or +/- when "Cd-P" is displayed at the end of the program.

The display will show the track number and programmed sequence.

#### Memory retention of programmed tracks:

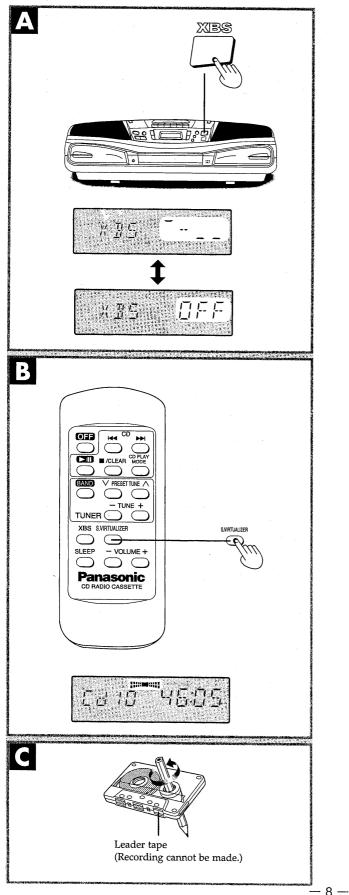
The memory retains the program even if play is stopped or the unit is turned off.

### Notes

- During program play, you can search forward or backward only within the current track.
- During program play, skipping is always in the programmed order, whether forward or backward.

- 7 -

# Changing the Sound Quality



Adjusting the deep-bass (XBS)			
Million the XPC level and his life is a state of the second			

When the XBS level control is adjusted, the level of the dynamic low frequency sound range is boosted.

#### Press XBS.

Every time you press the button: XBS  $\leftrightarrow$  XBS OFF

## Using the "live" effect (Sound Virtualizer)

в

#### by remote control only

The "live" effect allows enjoyment of the 3-D feeling of listening to live music. Compared with earlier surround sound systems, the sound virtualizer leaves middle-range sounds such as vocals clear and gives natural width and depth to music. Sound virtualizer is only effective with stereo sound.

Press S.VIRTUALIZER to display the sound virtualizer indicator.

#### To cancel:

Press S.VIRTUALIZER to clear the sound virtualizer indicator.

- When listening through headphones
- The effect is less discernable than through the unit speakers.
- When excessive interference in FM stereo reception occurs If interference increases, cancel the sound virtualizer effect.

## Before Recording

#### To take up the leader tape:

Only normal tapes can be used.

The sound may not be recorded properly if high position tapes and metal position tapes are used with this unit.

#### References

- Any changes made to the volume or sound quality during recording will not affect the recording.
- In order to prevent trouble caused by flat batteries, it is recommended that you either supply power to the unit from the household AC outlet or replace all the batteries with new ones when you are recording something which is important to you.
- The recording level is set automatically.

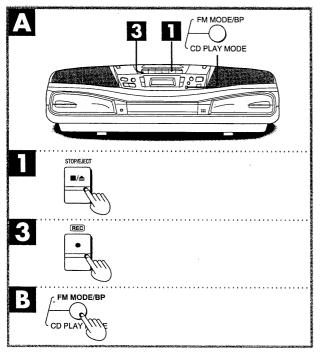
#### Note

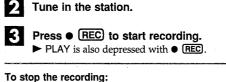
If the unit is brought near a TV set during recording, noise may be recorded due to the effects of the signals from the TV set. Maintain a distance of at least 1.5 meters between the unit and a TV set.

#### To make a blank tape:

- 1. Load the recorded tape with the side to be erased facing upward.
- 2. Press TAPE/OFF.
- 3. Press **REC**.
  - ▶ PLAY is also depressed with **REC**.

# Recording from Radio Broadcasts A





Press ■/▲ STOP/EJECT and load the tape.

Load the tape with the side to be recorded facing upward.

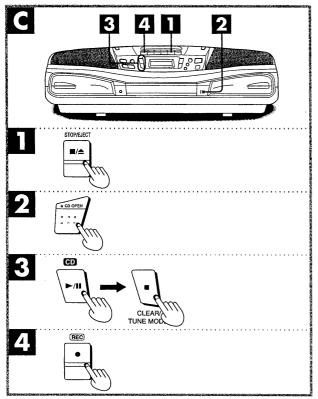
Press ■/▲ STOP/EJECT. To stop the recording temporarily: Press II PAUSE.

To resume recording, press II PAUSE again.

To reduce noise while recording an AM broadcast (Beat proof function):

**Press FM MODE/BP when recording or in the recording standby mode.** Each time you press the button, "bP1" and "bP2" will be displayed alternately. Select the position with the least noise.

# Recording from CDs C



Press ■/▲ STOP/EJECT and load the tape. Load the tape with the side to be recorded facing upward.

**Press**  $\triangleq$  CD OPEN and insert the CD.

B Press ►/II, then press ■ CLEAR after the track number has been displayed. The total number of tracks and total play time of the CD are displayed.



Press ● REC to start recording.
PLAY is also depressed with ● REC.
CD play starts simultaneously.

To stop the recording: Press ■ CLEAR and ■/▲ STOP/EJECT.

Recording favourite tracks

Program desired tracks (refer to steps 2 to 4 on page 7) after step 3.

— 9 —

# Self-Check Display

#### Self-diagnostic display

This unit is equipped with a self-diagnostic display function which, if a problem occurs, will display an error code corresponding to the problem. Use this function when performing maintenance on the unit.

Preparation

Normal blank tape with recording prevention tab on one side.

- How to enter the Self-Diagnostic Display Function mode 1. Connect the power cord.
  - Close the CD compartment lid without putting a CD in.
  - 3. Press "Tape/power standby ( Tape / OFF)" button.
  - 4. Press "CD play/pause (►/ II)" button.
  - Press and hold the "CD stop (■ CLEAR)" button for at least 2 seconds.

While pressing the "CD stop ( ■ CLEAR)" button, press the "CD skip (+/ → )" button for 2 seconds.

- "T" will appear on the FL display.
- (The set is in the Self-Diagnostic Function Mode)
- 6. Open the CD lid.
- 7. Close the CD lid.
- 8. Load the normal blank tape to Deck.
- 9. Press the "REC" button.
- 10. Press the "Stop/Eject" button.

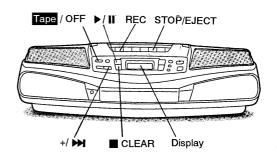
Press the "CD stop (  $\blacksquare$  CLEAR)" to check the result. If there is problem, the error code shall be displayed. (If no problem, display shows "T" indication.)

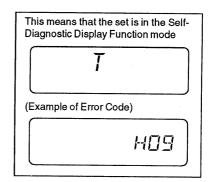
In case several probrems exist, error code will change each time you press the "CD stop ( CLEAR)" button.

■ How to get out from the Self-Diagnostic Display Function Select Operation Selector to other mode except CD.

### Interpretation of Error Codes

(Note : \* means error code will be displayed automatically)





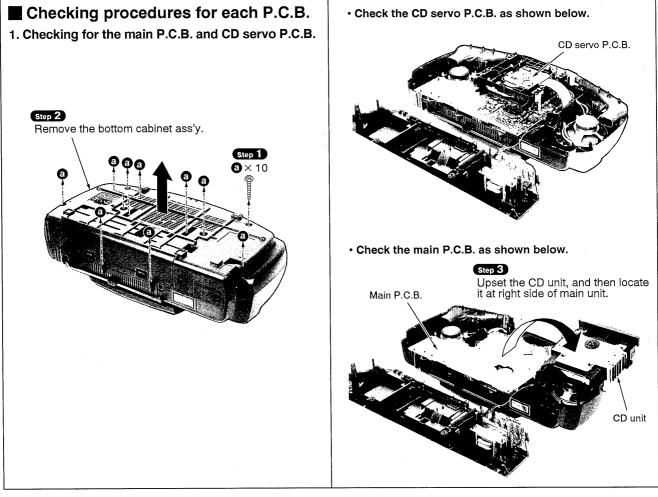
Error Code	Problem condition	Correction procedure
*U01	When the unit is operating on batteries, power supply ceases soon after the power is turn on.	It is due to consumption of batteries. Replace the batteries with new ones.
*U02	Turn the power on causes no supply of power.	Check the power plug (AC) or insert batteries (DC).
Ноэ	Tape does not play even pressing PLAY button.	Faulty Leaf switch (SW302). Faulty operation Q616.
H16	CD does not operate and indicate [ NO DISC ].	Faulty contact or short circuit of CD tray close switch. (SW602)
F15	Relatively long time (about 10sec) is required to begin play when the CD play button is pressed from the power-off state or from a function other than CD player.	Faulty contact on CD mechanism optical pick-up rest switch (S701).
F26	CD does not operate and LCD shows [ F26 ].	Faulty data communication of servo processor IC and microprocessor.
F69	CD does not start to play at syncro-recording function mode.	Faulty contact or short circuit of recording switch (SW301).

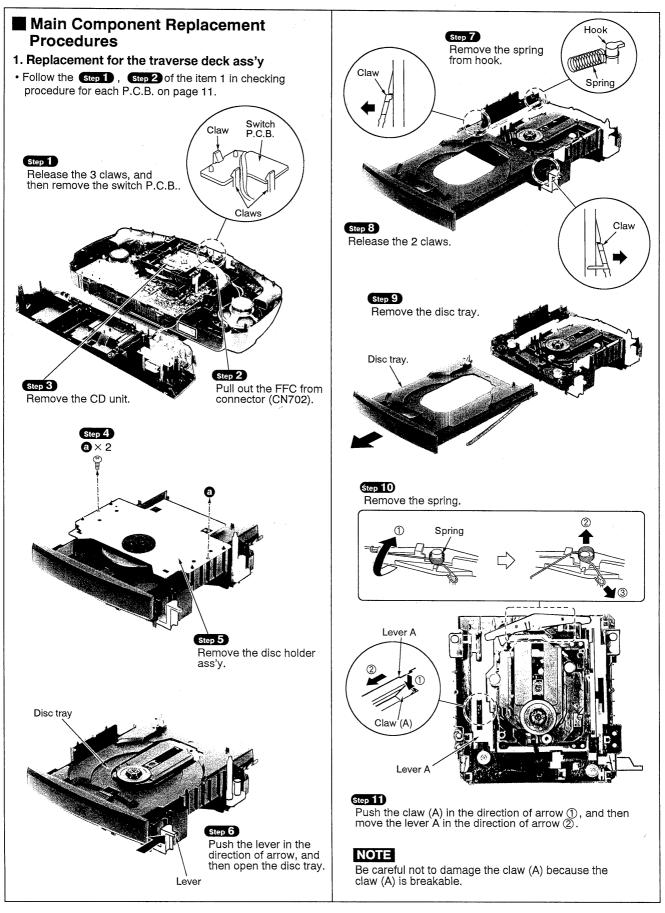
## Operation Checks and Main Component Replacement Procedures

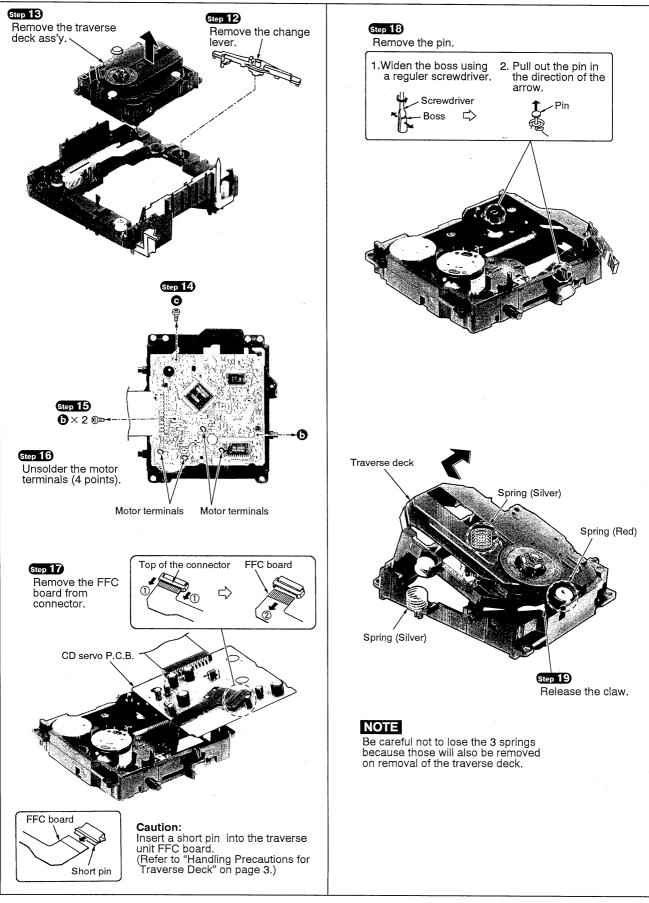
- **NOTE** 1. This section describes procedures for checking the operation of the major printed circuit boards and replacing the main components.
  - 2. For reassembly after operation checks or replacement, reverse the respective procedures. Special reassembly procedures are described only when required.
  - 3. Select item from the following index when checks or replacement are required.
  - 4. Refer the parts No. on the page of "Main Component Replacement Procedures", if necessary.

### Contents

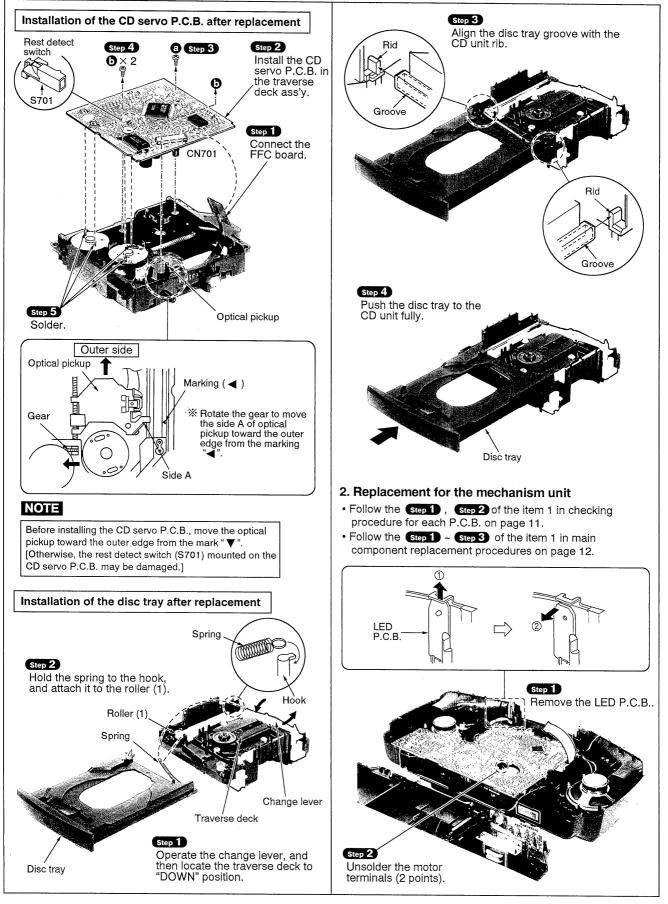
Checking Procedures for each P.C.B.	Page.
1. Checking for the main P.C.B. and CD servo P.C.B •••••••••••••••••••••••••••••••••	•••• 11.
■ Main Component Replacement Procedures	
1. Replacement for the traverse deck ass'y.	•• 12~14.
2. Replacement for the mechanism unit.	•• 14,15.
3. Replacement for the pinch roller ass'y, erase head and rec/play head. ••••••••••••••••••••••••••••	•••• 16.
4. Replacement for the motor ass'y, main belt and fast forward belt. ••••••••••••••••••••••••	•••16,17.
5. Replacement for the cassette lid ass'y. ••••••••••••••••••••••••••••••••••••	
6. Replacement for the handle. ••••••••••••••••••••••••••••••••••••	•••• 18.



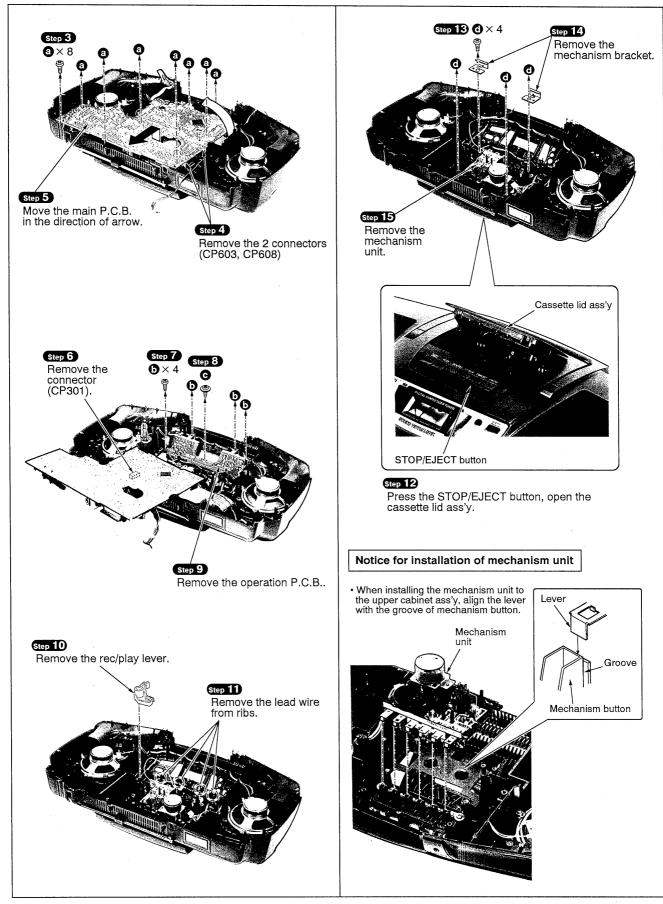


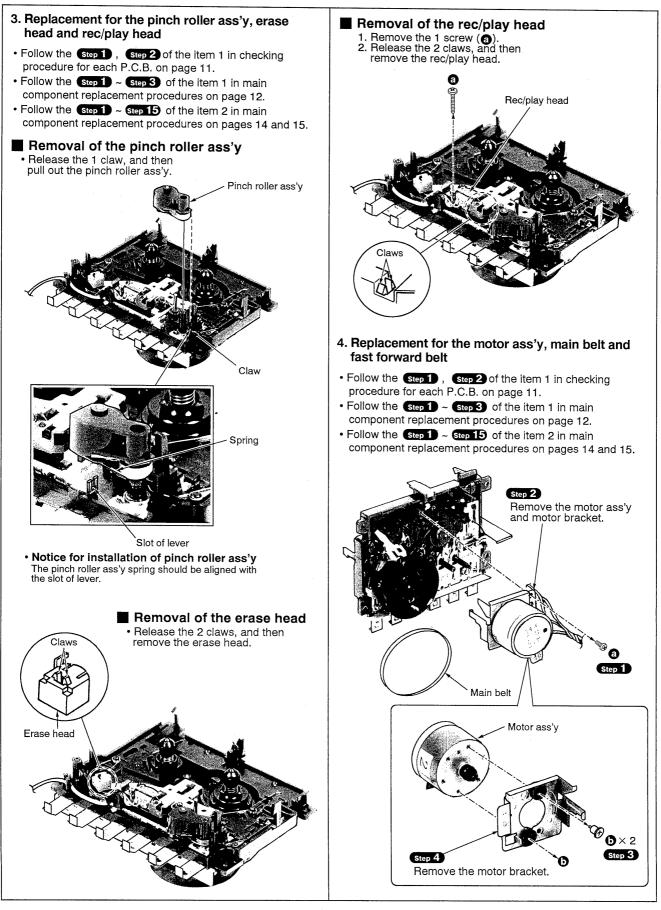


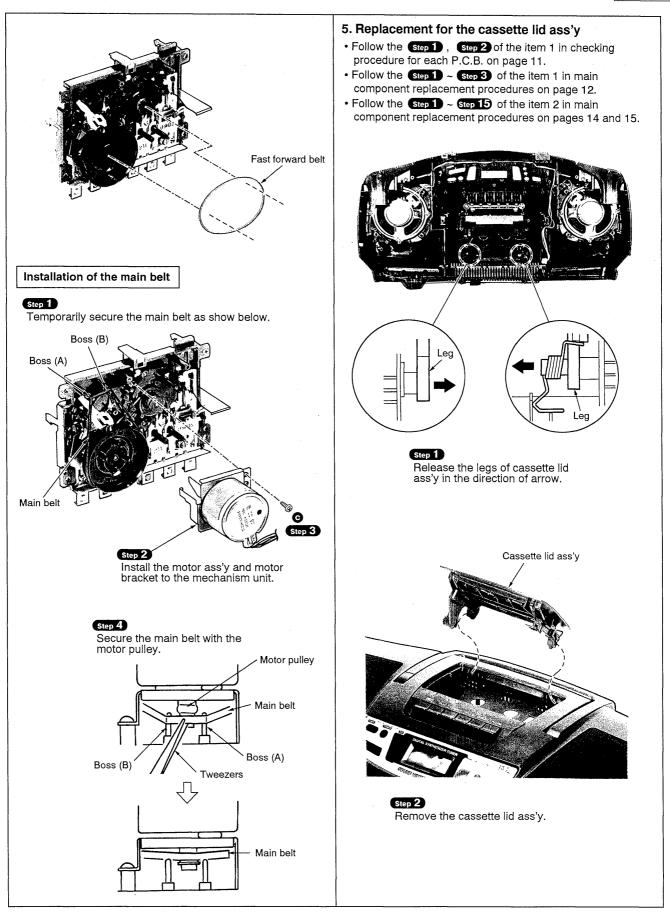
— 13 —

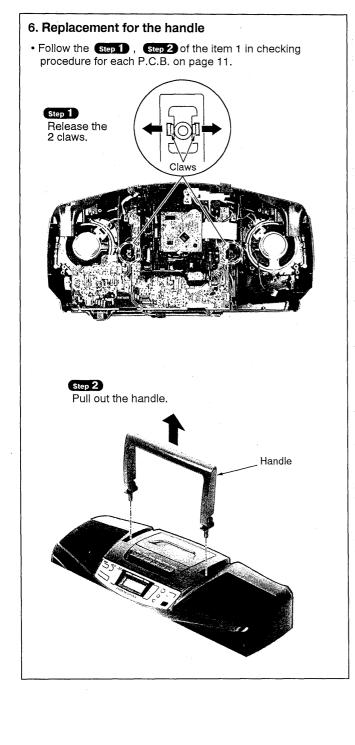












# Type Illustration of IC's, Transistors and Diodes

i

_	Hansist	ors and Diod	
	AN8837SBE1	MN662746RPK1	M38224M6M059
	28 1 1 14	$\begin{array}{c} 41 & 40 \\ 61 & 20 \\ 80 & 1 \end{array}$	41 40 64 mm 25 65 0 1 24
	AN8780NSBE2	TA2008AN	S81250SGY-Z
and a second	21 20 1 0 7 13	24	123
	LC72131D	BA3313L	BMR0301G
	22 manual 12 1	1	3 <sub>21</sub>
	BU4066BC	M62429P	LA4227
and the second se	14 <b>1</b> 4	8	12 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	2SA952LTA	2SJ40CTA	2SB1566E
	E <sub>C B</sub>	s <sub>G D</sub>	BCE
	BCE	2SC1740SLNRT 2SC1740SRTA RVTDTA114EST RVTDTC114TST RVTDTC143XST RVTDTC144EST	2SA1037AKSTX DTC114YKA146
	RB441QT-77 RVD1SS133TA	1SR35400V	KV1360NTM SVC346T-AA
	A STA	A	A Anode Anode Cathode Anode
	Ca Cathode Anode	MTZJ15BTA MTZJ5R1BTA MTZJ5R6CTA MTZJ7R5CTA	SPR325MVWT31

— 18 —

## Schematic Diagram

#### Notes:

Notes:				
• S301-1 ~ S306	-6: Record/Playbacl	select switch in	"playback" position.	
	(P … Playback,	R Record)		
• S601:	Motor switch.		and an	
• S602:	CD tray open sw	itch.		
• S701:	Rest switch in "C	FF" position.		
• S801:	Tape/power star	dby switch.		
• S802:	Tuning/CD skip,	search ( / 🖊	) switch.	
• S803:	Tuning/CD skip,	search ( + / M )	switch.	
• S804:	CD stop/program	n clear, tuning me	ode select switch.	
• S805:	Sleep timer swite	sh.		
• S806:	Volume control (	<ul> <li>) switch.</li> </ul>		
• S807:	Volume control (	+) switch.	1	
• S808:	CD program, tur	er preset switch.		
• S809:	Stereo/monaura	l, beat proof/CD	play mode select swite	sh.
• S810:	XBS switch			
• S811:	Tuner/band swit	ch		
• S812:	CD play/pause (	▶ / <b>II</b> ) switch.		
• S901:	AC/DC select sw	vitch in "AC" posi	tion. ( <b>JK901</b> )	
Battery Curre	ent:			
Vol. min	110 mA (FM)	Vol. max	228 mA (FM)	/ Measurement condition
	103 mA (AM)		216.7 mA (AM)	Radio : FM 60 dB, 30% mod.
	141.3 mA (TAPE)		333 mA (TAPE)	AM 74 dBm, 30% mod.
	260 mA (CD)		830 mA (CD)	Tape : 315 Hz, 0 dB
				│ CD : 1 kHz, 0 dB /
<ul> <li>The voltage value</li> </ul>	llue and waveforms a	e the reference	voltage of this measured	ured by DC electronic voltmeter (high impedance) and
oscilloscope or	the basis of GND tern	ninal (DC IN Jack	<b>(</b> )	
Accordingly, the	ere may arise some er	rors in voltage v	alues and waveforms	depending upon the internal impedance of the tester or

• Mesurement conditions:

\* The parenthesized is the voltage for test disc (1 Khz, L + R, 0 dB) in play mode, and the other, for no disc in stop mode.

\* AC adaptor is used for power supply.

Important safety notice:

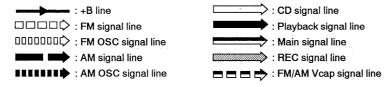
Components identified by  $\Delta$  mark have special characteristics important for safety. Furthermore, special parts which have purposes of fire-retardant (resistors), high-quality sound (capacitors), low-noise (resistors), etc. are used. When replacing any of components be sure to use only manufacturer's specified parts shown in the parts list.

#### • Caution!

IC and LSI are sensitive to static electricity. Secondary trouble can be prevented by taking care during repair.

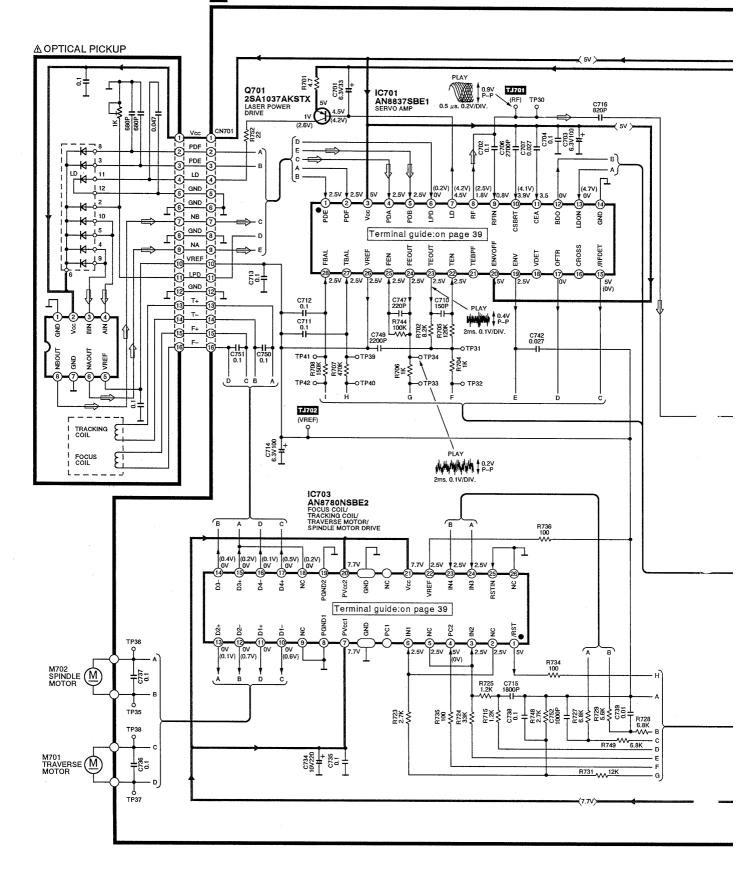
- Cover the parts boxes made of plastics with aluminum foil.
- Ground the soldering iron.
- Put a conductive mat on the work table.
- Do not touch the pins of IC or LSI with fingers directly.

• Signal Lines



- 19 -

A CD SERVO CIRCUIT (P.C.Board:on page 27)

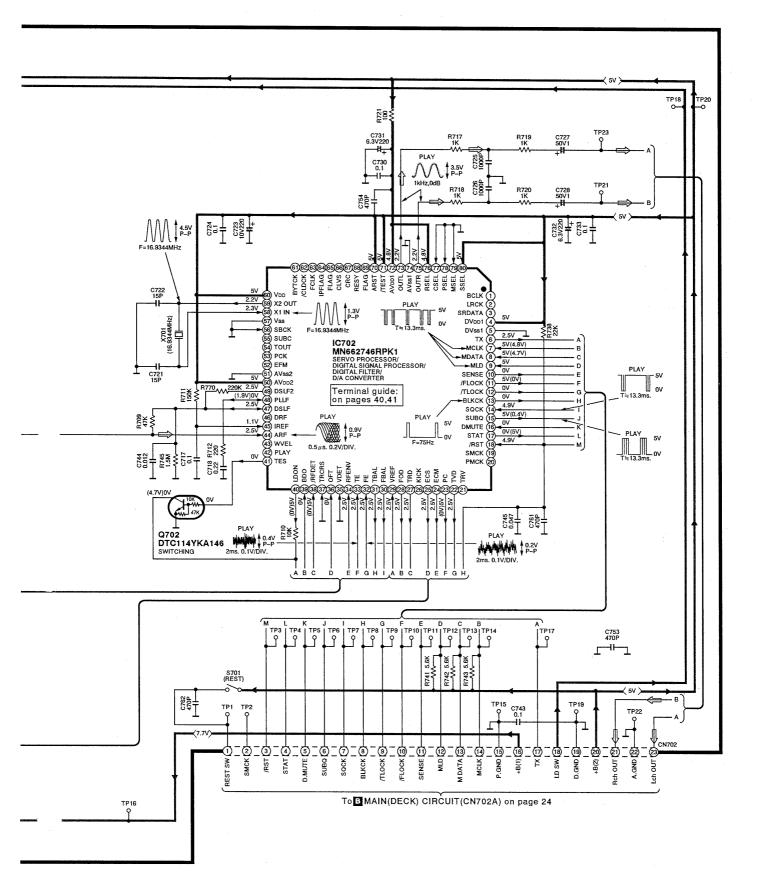


— 20 —

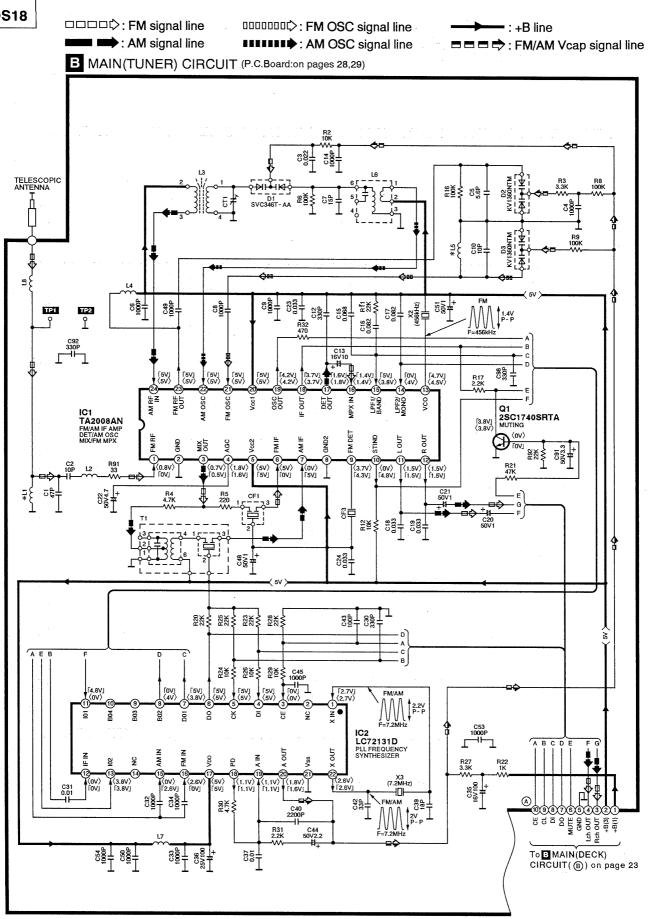
RX-DS18



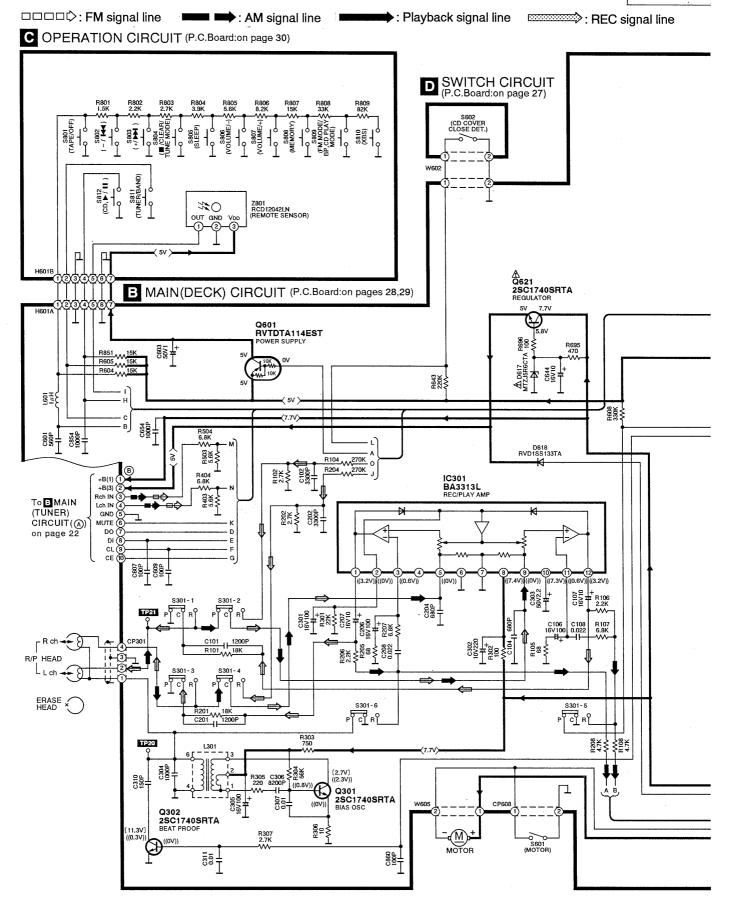




— 21 —



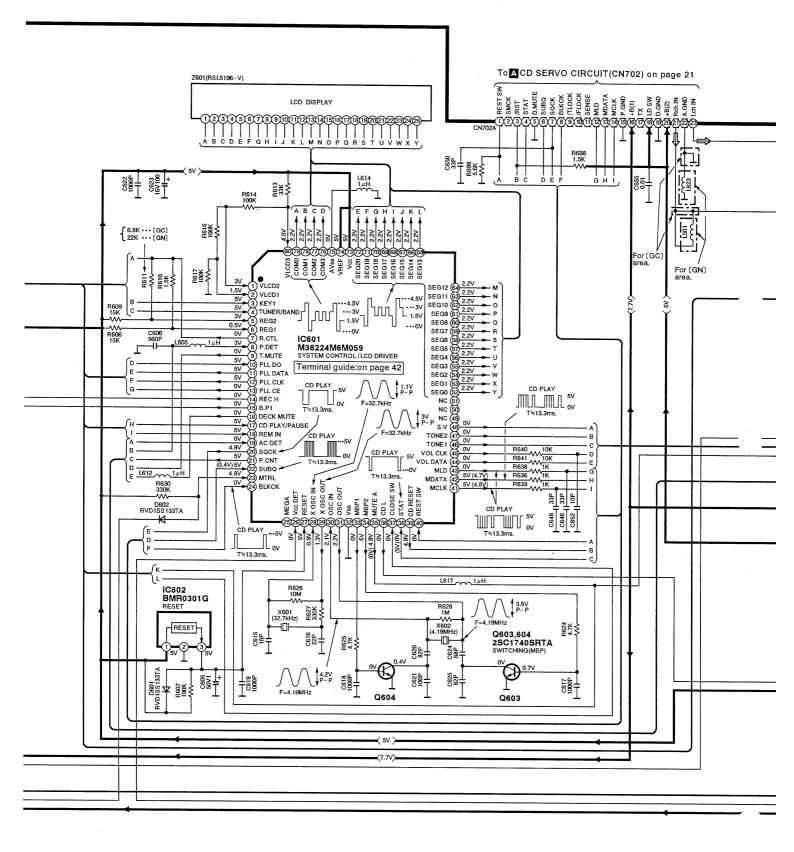
- 22 -



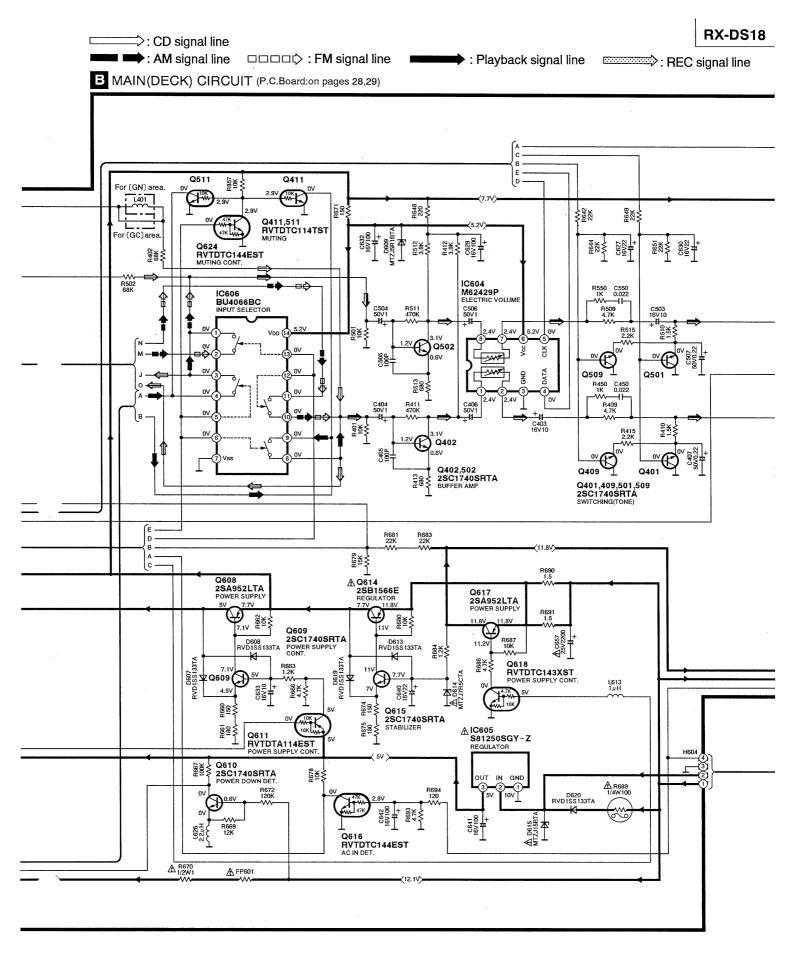
— 23 —

\_\_\_\_\_> : CD signal line

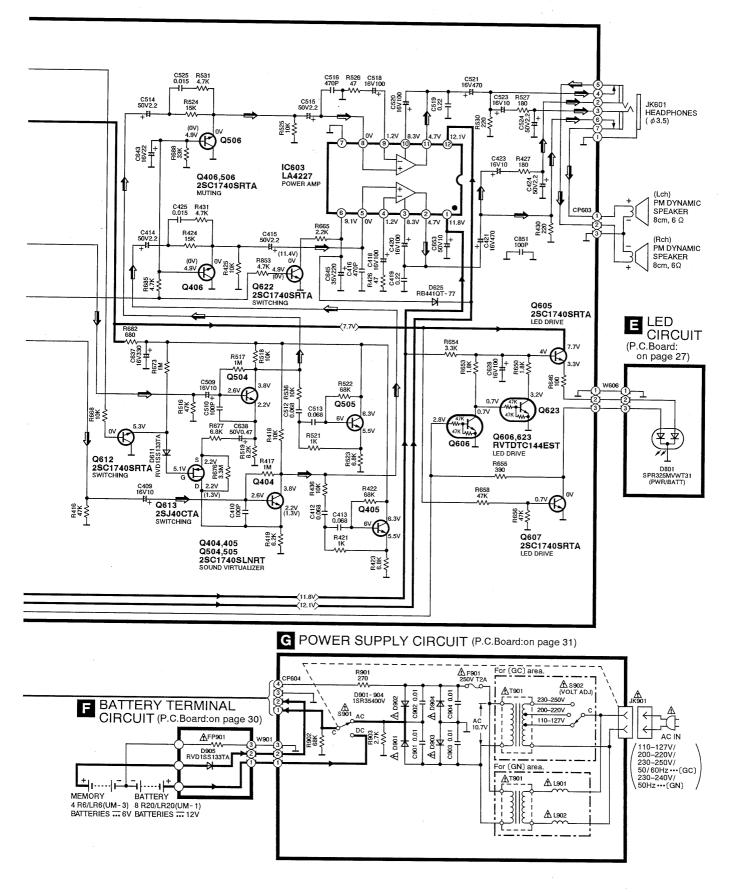
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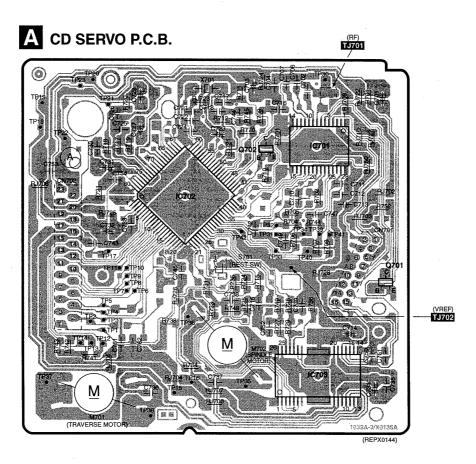


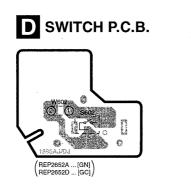
— 25 —



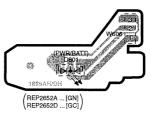
# Printed Circuit Board Diagram

• This circuit board diagram may be modified at any time with the development of new technology.

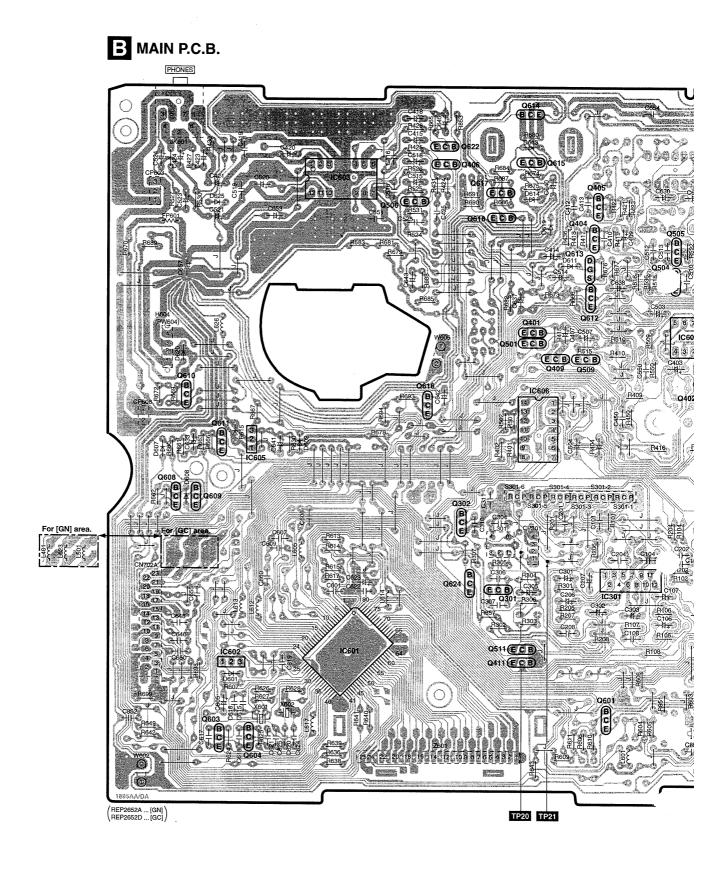


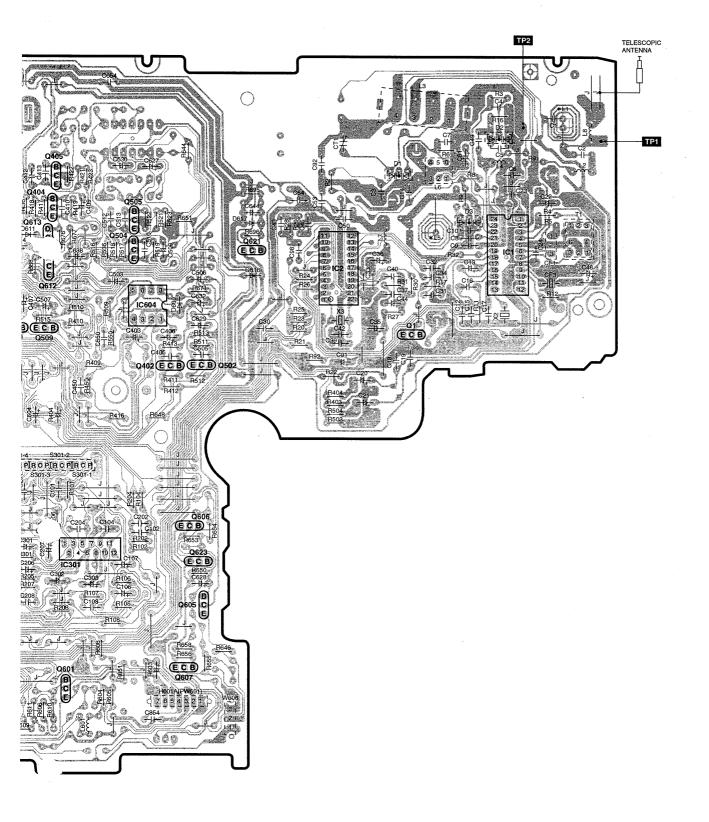


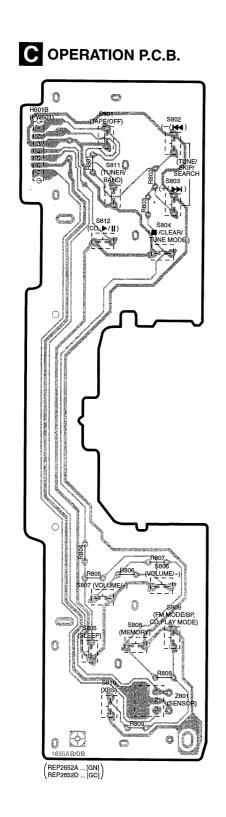
E LED P.C.B.

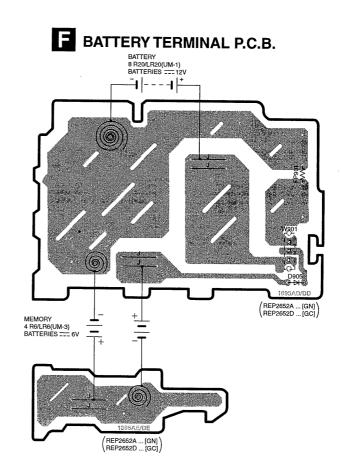


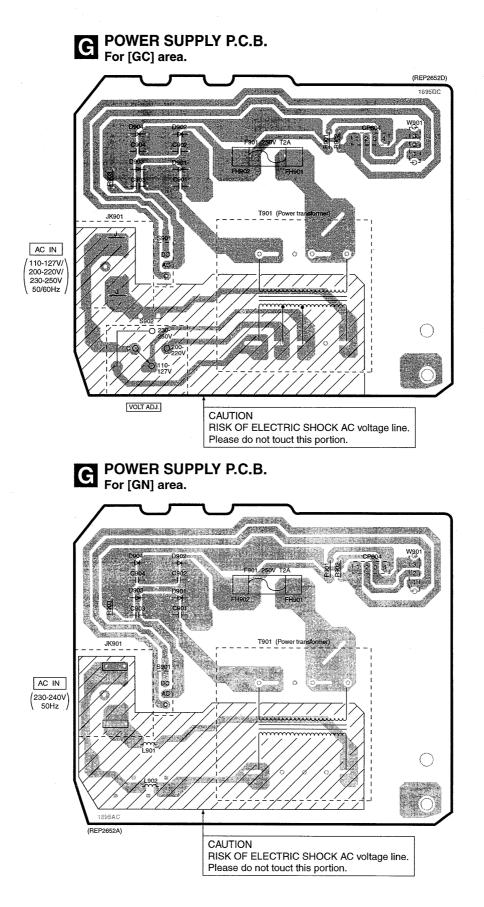
— 27 —





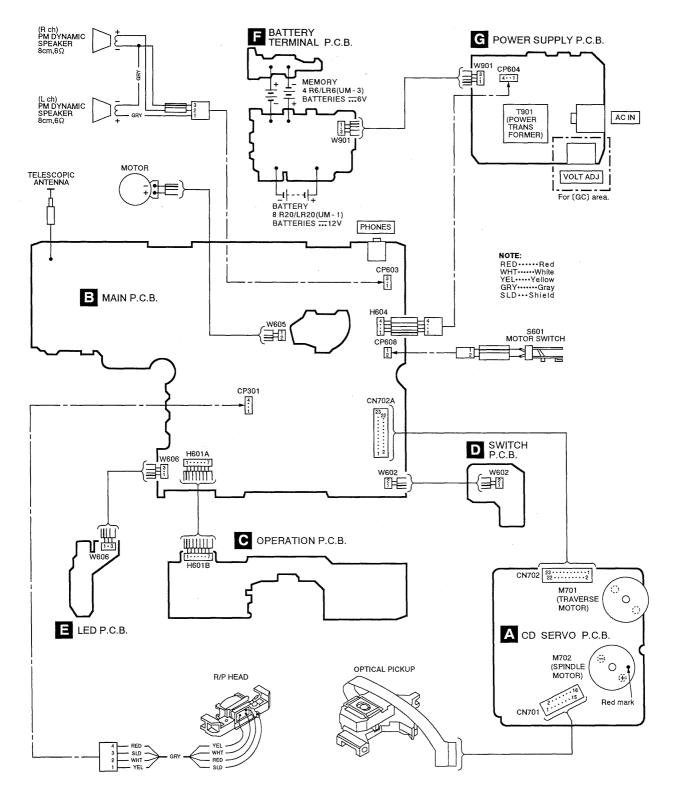






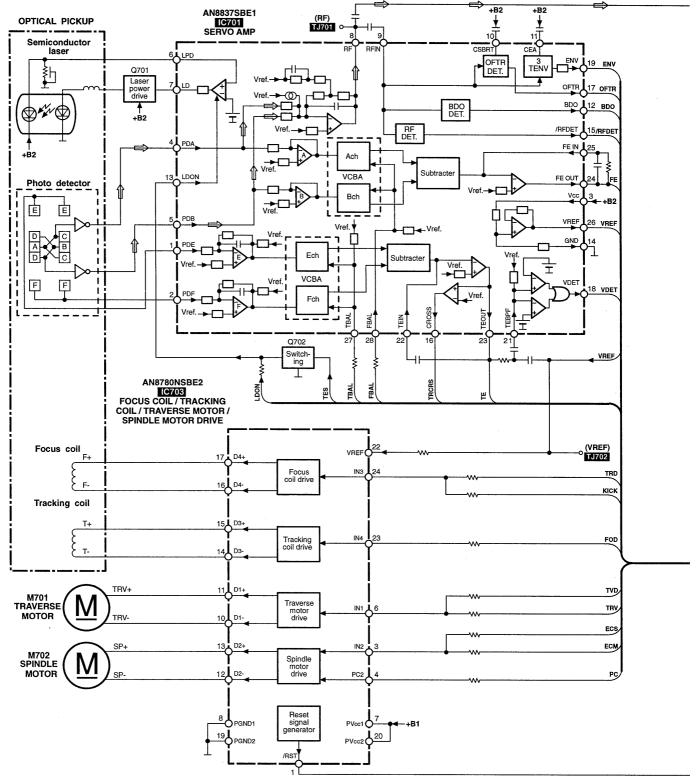
— 31 —

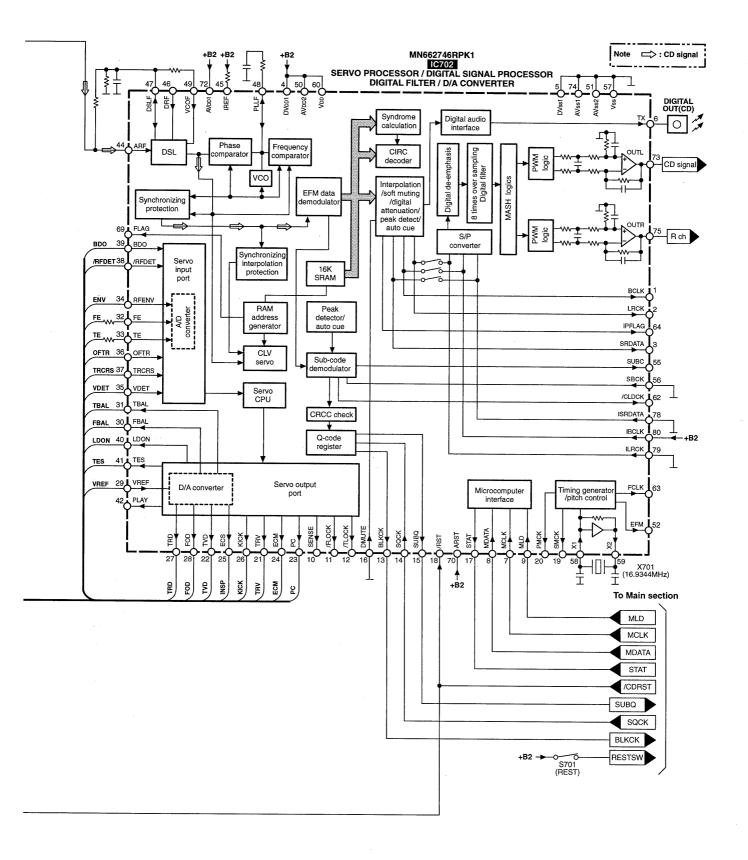
## Wiring Connection Diagram



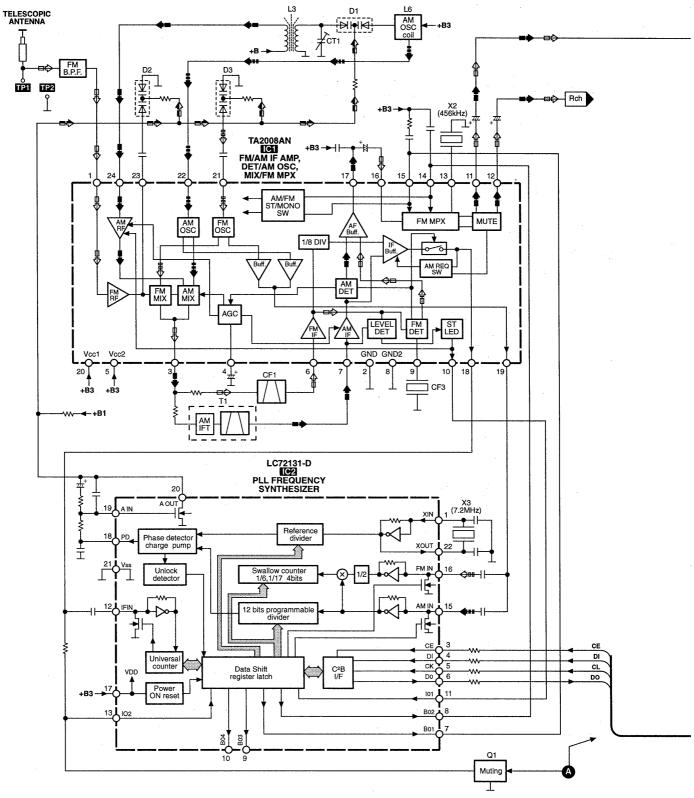
## Block Diagram

### • CD player section

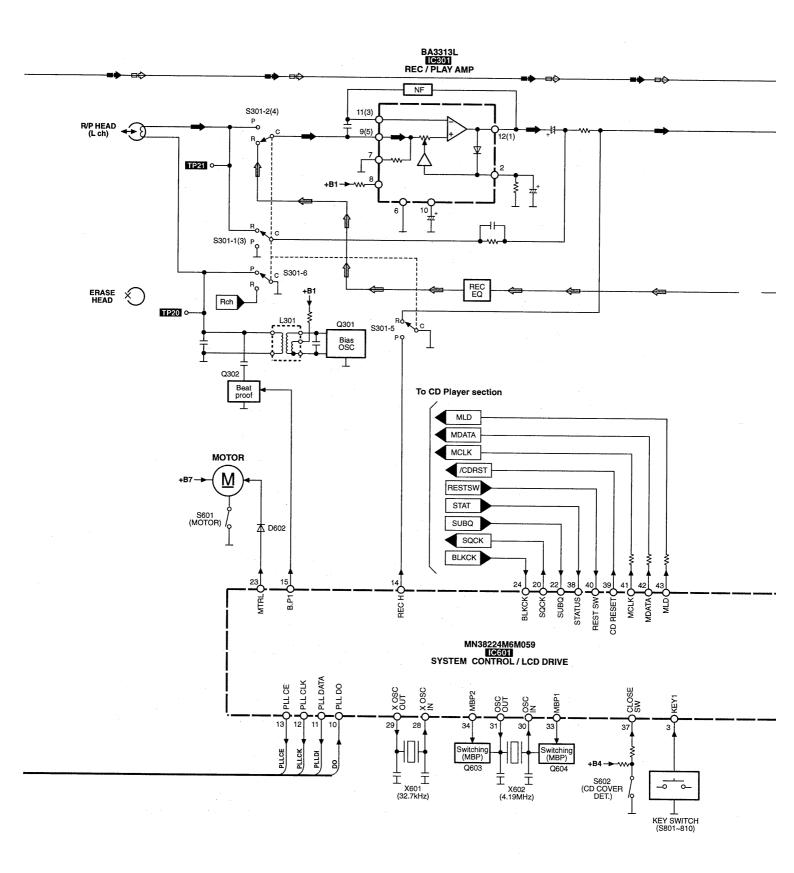




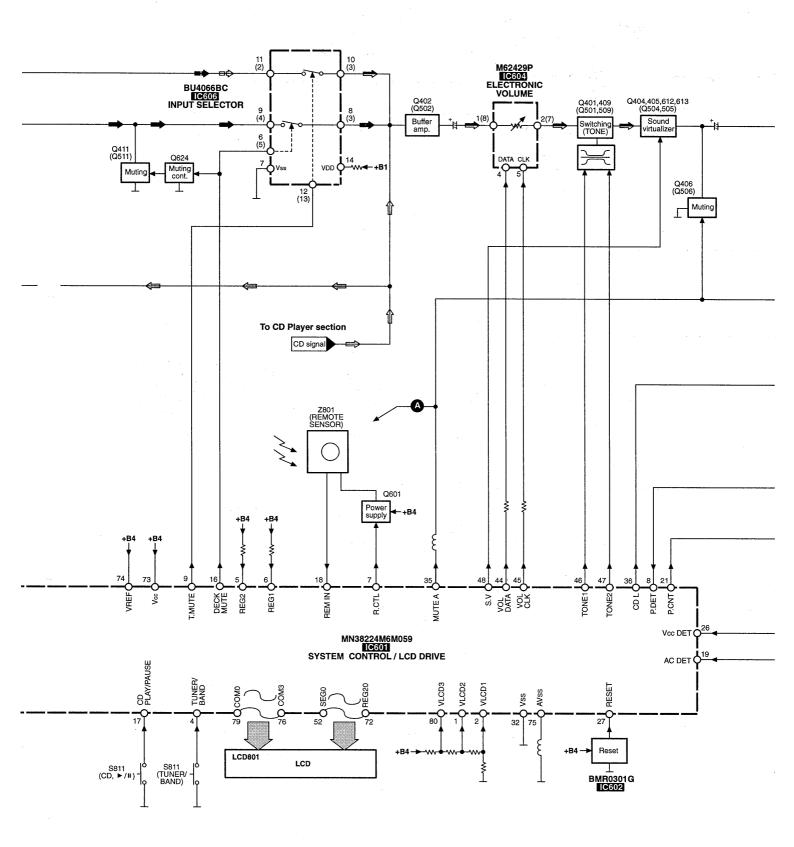
#### Main section



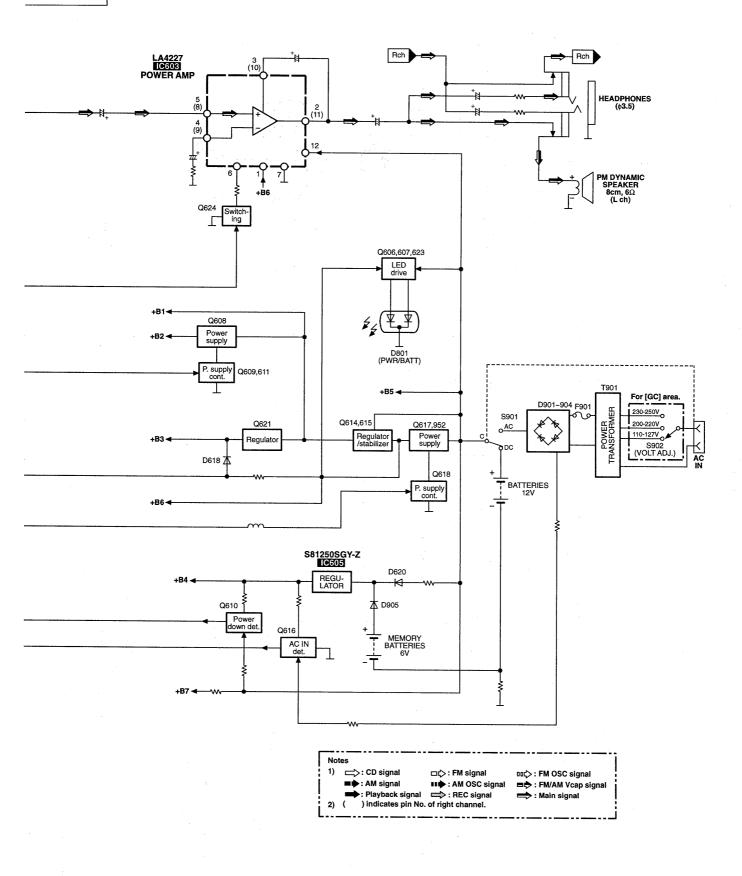
— 35 —



— 36 —



— 37 —



— 38 —

## Terminal Function of IC's

### • IC701 (AN8837SBE1): Servo Amp.

No.	Terminal Name	٧o	Function	
1	PDE	I	Tracking signal input terminal 1 (E ch)	
2	PDF	1	Tracking signal input terminal 2 (F ch)	
3	VCC	ļ	Power supply terminal	
4	PDA	I	Focus signal input terminal 1 (A ch)	
5	PDB	1	Focus signal input terminal 2 (B ch)	
6	LPD	I.	Laser PD signal	
7	LD	0	Laser power auto control output	
8	RF	0	RF amp terminal	
9	RF IN	1	AGC input terminal	
10	CSBRT	1	OFTR capacitor connection terminal	
11	CEA	I	HPF-AMP capacitor connection terminal	
12	BDO	0	Dropout detection control	
13	LDON	I	LD APC ON/OFF ("H": ON, "L": OFF)	
14	GND	—	GND terminal	
15	/RFDET	0	RF det. signal output terminal ("L": det.)	
16	CROSS	0	Tracking error zero cross output	
17	OFTR	0	Off track detection ("H": det.)	
18	VDET	0	Oscillation det. signal ("H": det.)	
19	ENV	О	Envelope signal output terminal	
20	ENVOFF	I	Not used, connected to power supply	
21	TEBPF	0	Oscillation detect input terminal	
22	TEN	1	Tracking error signal	
23	TEOUT	0	Tracking error signal	
24	FEOUT	0	Focus error signal	
25	FEN	1	Focusing error signal	
26	VREF	0	Reference voltage output terminal	
27	TBAL	1	Tracking balance adj. input	
28	FBAL	I	Focus balance adj. input	

• IC703 (AN8780NSBE2):	Focus Coil / Tracking Coil /
	Traverse Motor / Spindle

Motor Drive

Motor Drive				
No.	Terminal Name	VO	Function	
1	/RST	-	Not used, open	
2	NĊ			
3	IN2	į	Motor driver (2) input	
4	PC2		Turntable motor drive signal ("L": ON)	
5	NC	<u> </u>	Not used, open	
6	IN1	I	Motor driver (1) input	
7	PVcc1	I	Driver power supply terminal (1)	
8	PGND1		Driver GND terminal (1)	
9	NC		Not used, connected to GND	
10	D1–	0	Motor driver (1) output terminal ()	
11	D1+	0	Motor driver (1) output terminal (+)	
12	D2	0	Motor driver (2) output terminal (-)	
13	D2+	0	Motor driver (2) output terminal (+)	
14	D3	0	Motor driver (3) output terminal ()	
15	D3+	0	Motor driver (3) output terminal (+)	
16	D4	0	Motor driver (4) output terminal (-)	
17	D4+	0	Motor driver (4) output terminal (+)	
18	NC	-	Not used, open	
19	PGND2P	—	Driver GND terminal (2)	
20	PVcc2	I	Driver power supply (2)	
21	VCC	I	Power supply terminal	
22	VREF	1	Reference voltage input terminal	
23	IN4	l	Motor driver (4) input	
24	IN3		Motor driver (3) input	
25	RSTIN	l d	Reset terminal (Not used, connected to GND)	
26	NC	_	Not used, connected to GND	

### • IC702 (MN662746RPK1): Servo processor / Digital signal processor / Digital filter / D/A converter

Pin No.	Mark	l/O Division	Function	
1	BCLK	Ο	Serial bit clock output	
2	LRCK	0	L/R discriminating signal output	
3	SRDATA	0	Serial data signal output	
4	DVpp1	I	Power supply (digital circuit) terminal	
5	DVss1	1	GND (digital circuit) terminal	
6	тх	-	Digital audio interface signal (Not used, open)	
7	MCLK	Î.,	Command clock signal	
8	MDATA	I	Command data signal	
9	MLD	1	Command load signal ("L" : LOAD)	
10	SENSE	-	Sense signal (OFT, FESL, NACEND, NAJEND, POSAD, SFG) (Not used, open) <sup>-</sup>	
11	FLOCK	_	Optical servo condition (focus) ("L" : lead-in) (Not used, open)	
12	VDET	_	Vibration det. signal terminal ( "H" : DET)	
13	BLKCK	0	Sub-code block clock (f=75 Hz)	
14	SQCK	1	Sub-code Q register clock	
15	SUBQ	0	Sub-code Q data	
16	DMUTE	ł	Muting input ("H" : MUTE) (Not used, connected to GND)	
17	STAT	0	Status signal (CRC, CUE, CLVS, TTSTOP, FCLV, SQCK)	
18	RESET	1	Reset signal ("L" : reset)	
19	SMCK	0	System clock (f=4.2336 MHz)	
20	РМСК	0	Frequency division clock signal ( $f = \frac{1}{1.92} \times ck = 88.2 \text{ kHz}$ )	
21	TRV	0	Traverse servo control (Not used, open)	

Pin No.	Mark	l/O Division	Function	
22	TVD	0	Traverse drive signal	
23	PC	0	Turntable motor drive signal ("L" : ON)	
24	ECM	0	Turntable motor drive signal (Forced mode)	
25	ECS	0	Turntable motor drive signal (Servo error signal)	
26	KICK	0	Kick pulse output	
27	TRD	0	Tracking drive signal output	
28	FOD	0	Focus drive signal output	
29	VREF	I	D/A drive output (TVD, ECS, TRD, FOD, FBAL, TBAL) normal voltage input terminal	
30	FBAL	0	Focus balance adj. output (Not used, open)	
31	TBAL	0	Tracking balance adj. output	
32	FE	I	Focus error signal (analog input)	
33	TE	I	Tracking error signal (analog input)	
34	RFENV	1	RF envelope signal	
35	VDET	I	TEST terminal	
36	OFTR	l	Off track signal ("H" : Off track)	
37	TRCRS	I	Track cross signal input (TEST terminal)	
38	RFDET	1	RF detection signal ("L" : detection)	
39	BDO	I	Dropout detection signal ("H" : dropout)	
40	LDON	0	Laser power control ("H" : ON)	
41	TES		Tracking error shunt output ("H" : dropout) (Not used, open)	
42	PLAY	0	Play signal ( "H" : play)	

Pin No.	Mark	l/O Division	Function	
43	WVEL		Double velocity status signal ("H" : double) (Not used, open)	
44	ARF	1	RF signal input	
45	IREF	1	Reference current input	
46	DRF	—	DSL bias terminal (Not used, connected to GND)	
47	DSLF	1/0	DSL loop filter terminal	
48	PLLF	1/0	PLL loop filter terminal	
49	DSLF2	0	DSL loop filter terminal	
50	AVDD2	1	Power supply (analog circuit) terminal (2)	
51	AVss2	-	GND (analog circuit) terminal	
52	СК384	0	384 CK (16.9344 MHz) output (Not used, open)	
53	РСК	_	PLL extract clock (f=4.3218 MHz) (Not used, open)	
54	CK176	0	176 CK (176.4 KHz) output (Not used, open)	
55	SUBC	0	Sub-code serial output data (Not used, open)	
56	SBCK		Sub-code serial input clock (Not used, connected to GND)	
57	Vss		GND terminal	
58	X1	1	Crystal oscillator terminal	
59	X2	0	(f=16.9344 MHz)	
60	VDD		Power supply terminal	
61	TRVSTOP	0	Traverse motor stop control terminal	
62	CLDCK		Sub-code frame clock signal (f CLDCK=7.35 kHz: Normal) (Not used, open)	

Pin No.	Mark	l/O Division	Function	
63	FCLK		Crystal frame clock (Not used, open)	
64	IPFLAG	_	Interpolation flag terminal	
65	FLAGO	-	Flag terminal	
66	CLVS	_	Turntable servo phase synchro signal ("H" : CLV, "L" : Rough servo) (Not used, open)	
67	CRC	_	Sub-code CRC check terminal ("H" : OK, "L" : NG) (Not used, open)	
68	RESY	0	Flam synchro signal output	
69	FLAG6	_	Flag terminal	
70	ARST	I.	A reset input terminal	
71	TEST	1	Test terminal (Normal: "H")	
72	AV <sub>DD</sub> 1		Power supply (analog circuit) terminal (1)	
73	OUTL	0	Lch audio signal	
74	AV <sub>SS</sub> 1		GND (analog circuit) terminal (1)	
75	OUTR	0	Rch audio signal	
76	RSEL	I	Polarity direction control terminal of RF signal (Not used, connected to power supply)	
77	FSEL	i t	Noise filter ON/OFF terminal (Not used, connected to GND)	
78	ISRDATA	1	Serial data signal input	
79	ILRCK	1	L/R discriminating signal input	
80	IBCLK	<b>.</b>	Serial bit clock input	
L				

— 41 —

### • IC601 (M38224M6M059): System Control / LCD Driver

Pin No.	Mark	l/O Division	Function	Pin No.	Mark	l/O Division	Function
1	VLCD2	.1	LCD bias reference voltage input V2	32	Vss	-	GND
2	VLCD1	I	ICD bias reference voltage input V1	33	MBP1	0	Beatproof control signal output 1
3	KEY1	1	KEY input 1	34	MBP2	0	Beatproof control signal output 2
4	TUNER/BAND	1	TUNER/BAND key input	35	MUTE A	0	Audio Mute output A
5	REG2	I	Area setting input 2	36	CD L	0	CD power control output
6	REG1	I	Area setting input 1	37	CLOSE SW		CD close detection switch input
7	R.CTL	0	Remote control power control signal output	38	STAT	1	CD status signal input
8	P.DET	1	SW Vcc voltage detection input	39	CD RESET	0	CD reset signal output
9	T.MUTE	0	TUNER FUNCTION & MUTE output	40	REST SW	1	CD limit switch input
10	PLL DO	I	PLL IC DATA input	41	MCLK	0	CD clock control signal output
11	PLL DATA	0	PLL IC DATA output	42	MDATA	0	CD data control signal output
12	PLL CLK	0	PLL IC CLK output	43	MLD	0	CD loading control signal output
13	PLL CE	0	PLL IC CE output	44	VOL DATA	0	PMW data signal output for electric volume circuit(IC604)
14	REC H	0	REC detect signal output	45	VOL CLK	0	PMW clock signal output for electric volume circuit(IC604)
15	B.P1	0	AM Rec. beat proof output 1	46	TONE1	0	Tone control output 1
16	DECK MUTE	0	DECK MUTE output	47	TONE2	0	Tone control output 2
17	CD PLAY/PAUSE	I	CD PLAY/PAUSE key input	48	S.V	0	Sound Virtualizer control output
18	REM IN	I.	Remote control signal input	49		· .	
19	AC DET	I	AC Power detection input		NC	-	Not used.
20	SQCK	0	CD subcode clock output	51			
21	P.CNT	0	Power control output	52	SEG0		
22	SUBQ	I	CD subcode data input		I	0	LCD segment signal output
23	MTRL	- I-	Deck motor detection input	72	SEG20		
24	BLK CK	· .1 ·	CD subcode block clock input	73	Vcc	I	Power supply (+5V)
25	MEGA	–	Not used.	74	VREF	I	A/D converter reference voltage
26	Vcc DET	. 1	Vcc detection input (main power detection)	75	AVss	-	GND
27	RESET	I	System reset signal input	76	COM3		· ·
28	X OSC IN	I	Crystal oscillator input(32.768kHz)		1	0	LCD common signal output
29	X OSC OUT	0	Crystal oscillator output(32.768kHz)	79	COM0		
30	OSC IN	I.	Clock input(4.19MHz)	80	VLCD3		LCD bias reference voltage input V3
31	OSC OUT	1	Clock output(4.19MHz)	1	. 1.		

## Measurements and Adjustments

### < TUNER SECTION >

#### ■ ALIGNMENT INSTRUCTIONS

#### READ CAREFULLY BEFORE ATTEMPTING ALIGNMENT

#### **Measuring Condition**

1. Set volume control to maximum.

2. Set power source voltage to 12V DC.

3. Output of signal generator should be no higher than necessary to obtain an output reading.

Note : No AM IF and FM STEREO alignment are required.

#### AM-RF ALIGNMENT

SIGNAL GENERA SWEEP GENERA		RADIO DIAL (ELECTRONIC		ADJUSTMENT (Shown in <b>Fig. 1</b> )	REMARKS	
CONNECTIONS	FREQUENCY	SETTING	TTING VOLTMETER or (SOCILLOSCOPE)			
Fashion a loop of several turns of wire and radiate a signal into the loop ant. of receiver.	(GC): 522 kHz (GN): 594 kHz	Tune to signal	Headphones Jack (32Ω) Fabricate the plug as shown in Fig. 2 and then connect the lead wires of the plug to the measuring instrument.	(*1) L3(AM ANT Coil)	Adjust for maximum output. Adjust L6 by moving coil along the ferrite core.	
-	1503 kHz	н	H	CT1 (AM ANT Trimmer)	Adjust for maximum output.	

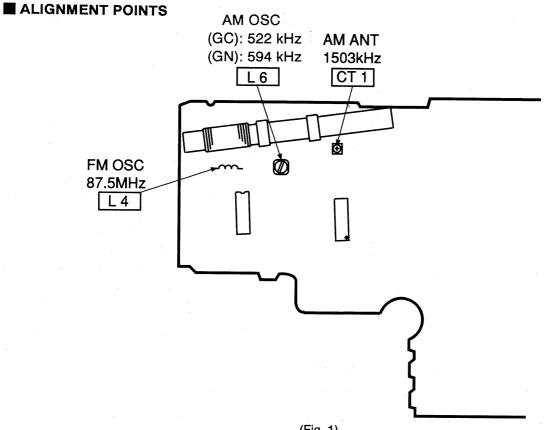
#### FM-RF ALIGNMENT

SIGNAL GENERATOR or SWEEP GENERATOR		RADIO DIAL	INDICATOR (ELECTRONIC	ADJUSTMENT	REMARKS
CONNECTIONS	FREQUENCY	SETTING	VOLTMETER or OSCILLOSCOPE)	(Shown in Fig. 1)	
Connect to test point TP1 through FM dummy antenna. Negative side to test point TP2	87.5 MHz	Tune to signal	Headphones Jack $(32 \ \Omega)$ Fabricate the plug as shown in Fig. 2 and then connect the lead wires of the plug to the measuring instrument.	L4 (FM OSC Coil)	Adjust for maximum output.

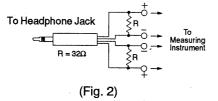
### < CASSETTE DECK SECTION >

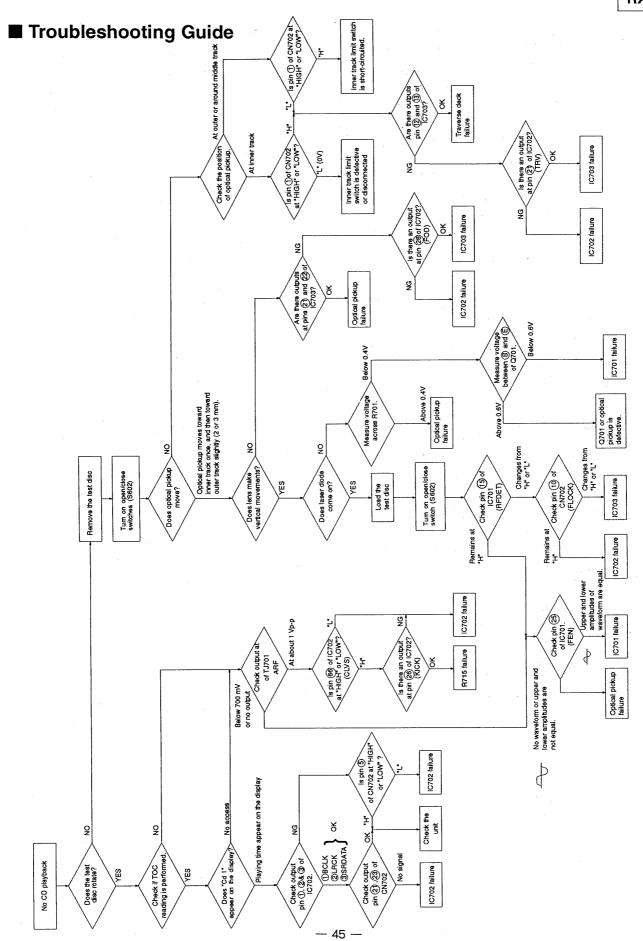
**Notes:** • No tape speed alignment are required.

• No azimuth head alignment is required due to Aztec Head is used in the cassette mechanism.

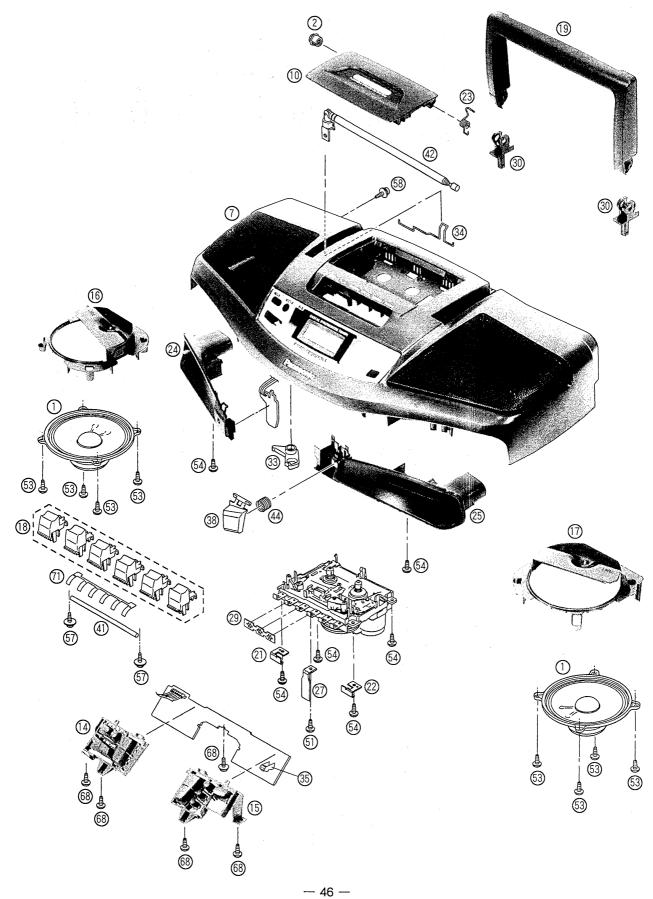


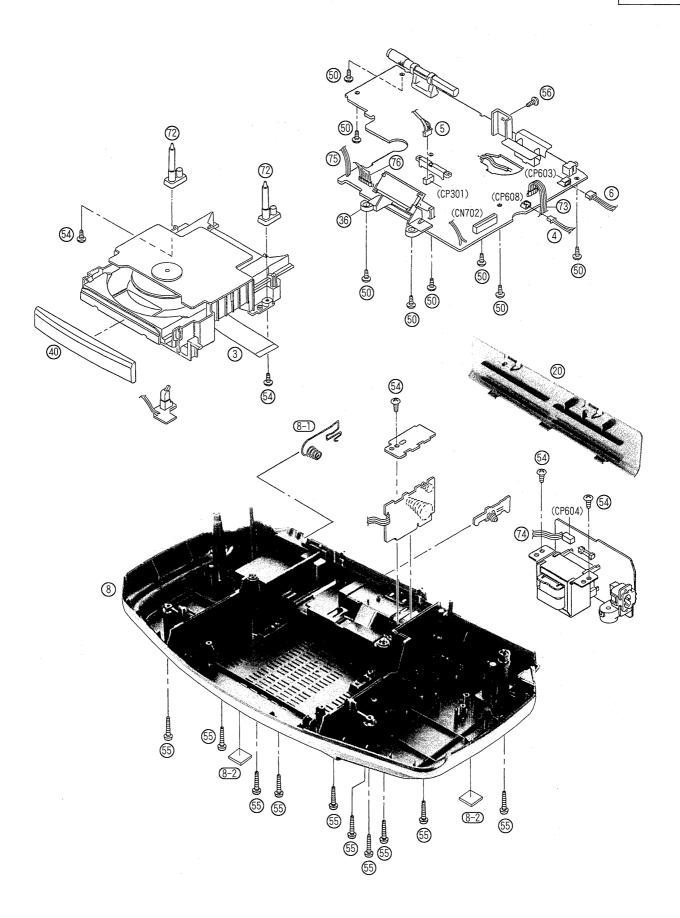






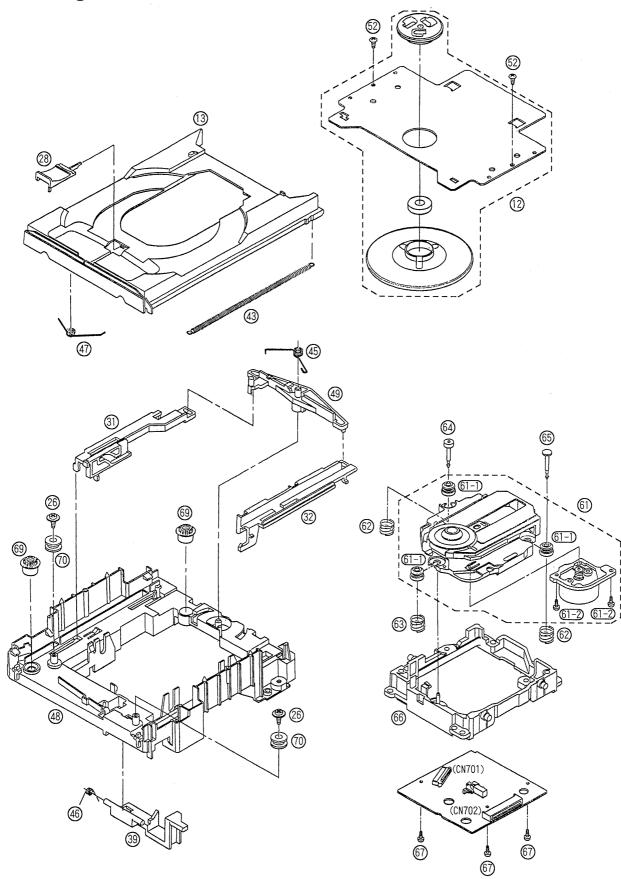
# Cabinet Parts Location





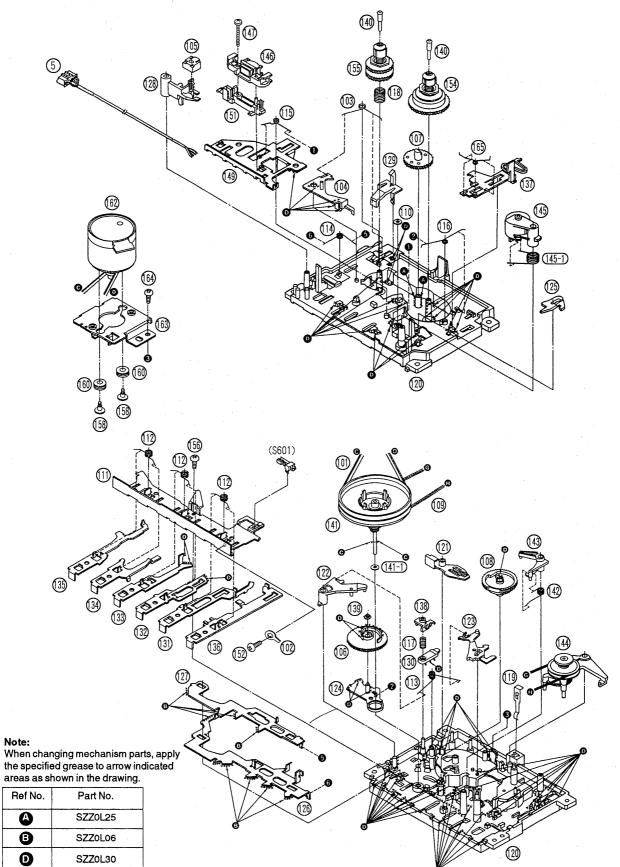
— 47 —

# Loading Unit Parts Location



— 48 —

Mechanism Parts Location



## Replacement Parts List

#### Note:

Important safety notice:

Components identified by  $\Delta$  mark have special characteristics important for safety.

- Furthermore, special parts which have purposes of fire-retardant (resistors), high-quality sound (capacitors), low-noise (resistors), etc. are used.
- When replacing any of components, be sure to use only manufacture's specified parts shown in the parts list.
- The parenthesized indications in the Remarks columns specify the areas. (Refer to the cover page for area.)
- Parts without these indications can be used for all areas. Remoto Control Ass'y: Supply period for three years from
- termination of production.
- · Warning : This product uses a laser diode.
- Refer to caution statements on page 2, 3. - Capacity values are in microfarads (  $\mu$  F) unless specified other wise,
- P = Pico-farads (pF) F = Farads (F)
- Resistance values are in ohms, unless specified otherwise, 1K = 1,000 (OHM), 1M = 1,000k (OHM) The "<IA>, <IB>, <IC>" marks in Remarks indicate language of
- instruction manual.
- <IA> : English <IB> : English, Chinese, Arabic <IC> : Spanish

					73	REX0908	POWER-MAIN
Ref.No.	Part No.	Part Name & Description	PC	Remarks	74	RWJ0103170KK	POWER-BATT
					75	RWJ8203120KK	LED-MAIN W
1	RAS10P20-H	SPEAKER	2		76	RWJ8207110RR	MAIN-PANEL
2	RDG0183-L	DAMPER GEAR	1		101	RDV0021	MAIN BELT
3	REE0842	CD FFC	- 1		102	RJR0033	EARTH LUG
4	REX0905Y	MECHA LEAF SW WIRE.U	1		103	RMB0109-1	BRAKE SPRI
5	REX0906	MECHA HEAD WIRE UNIT	1		104	RML0116	BRAKE
6	REX0907	SP-WAIN WIRE UNIT	1		105	RBR2CY009	ERASE HEAD
7		UPPER CAB ASS'Y	1		106	RDG0057-1	IDLER GEAR
8		BOTTOM CHASSIS ASS'Y	1	(GC)	107	RDG0059	FF RELAY G
8	RFKJXDS18GNK	BOTTOM CHASSIS ASS'Y	1	(GN)	108	RDK0005	CAM GEAR
8-1	RJC91008	BATTERY TERMINAL (+/-)	1		109	RDV0006-1	RF BELT
8-2	RKA0059-K	LEG RUBBER	2		110	RHW16009	CAPSTAN WAS
10		CASS LID ASS'Y	1		111	RMA0109	BACK PLATE
12	RFKNRXDS18PA	DISC HOLDER ASS'Y	1		112	RMB0043-1	ROD OPERAT
13	RGQ0233-K	DISC TRAY	1		113	RMB0045	AS SPRING
14	RGU1631-H	OPR. BUTTON (L)	- 1		114	RMB0046-1	LOCK PLATE
15	RGU1632-H	OPR. BUTTON (R)	1		115	RMB0047	HEAD PANEL
16	RGK1006-K	DIFFUSER (L)	1		116	RMB0048	IDLER LEVER
17	RGK1007-K	DIFFUSER (R)	1		117	RMB0053	PAUSE LEVER
18	RGZX0025-K	MECHA BUTTON	1		118	RMB0125	BACK TENSIO
19	RKH0042-K	HANDLE	1		119	RMC0061	PACK SPRING
20	RKK0073-1K	BATT. COVER	1		120		CHASSIS ASS
21	RMAX0028	MECHA BRACKET (L)	1		121		SWING LEVER
22	RMAX0029	MECHA BRACKET (R)	1		122	RML0072-1	AS RELEASE
23	RMB0490	CASS. OPEN SPRING	1		123	RML0073-1	AS PROTECT
24	RKT0040-K	PORT (L)	1		124	RML0074	IDLER LEVER
25	RKT0041-K	PORT (R)	1		125	RML0076	EJECT SELEC
26	RHD26016	SCREW	2		125	RML0078	LOCK PLATE
27	RMC0355	R/P PLATE	- 1		127	RML0078	FUNCTION PLATE
28	RGQ0234-K	DISC HOLD PIECE	1		128		
29	RMXX0004	SPACER	1		129		ERASE HEAD
30	RKQ0224-K	HANDLE FIXTURE	2		130		RECORD SAFE
31	RMM0205	UP/DOWN LEVER A	1		130		PAUSE LEVER
32	RMM0206	UP/DOWN LEVER B	1		132	RMM0023 RMM0024	PLAY ROD
33		R/P LEVER	-1		132		REW ROD
		R. ANT TERMINAL	1			RMM0025	FF ROD
		REMOCON SHIELD			134	RMM0026	STOP ROD
		LCD HOLDER			135	RMM0027	PAUSE ROD
		CD EJ BUTTON			136		REC ROD
		CD LOCK LEVER	1		137		EJECT SLIDE
	N#L0000	UU LUUR LEVEK			138	RMR0211	PAUSE BUSH
					1		

	T		-	1
Ref.No.	Part No.	Part Name & Description	ıРc	s Remarks
40	RGK1008-K	CD TRAY LID	1	
41			-	
	SUX102	MECHA ROD	1	
42	XEARR210C-Y	R. ANTENNA	1	
43	RMB0566	CD OPEN SPRING	1	
44	RMB0567	CD EJ BTN SPRING		
			1	
45	RME0267	ASSIST SPRING	1	
46	RME0268	CD EJ LEV SPRING	1	
47	RME0269	DISC HOLD PIECE SPRING	1	
48	RMK0388		-	
		CD CHASSIS	1	
49	RMM0207	CHANGE LEVER	1	
50	XTBS26+10J	SCREW	8	
51	XTN2+3F	SCREW	1	
52			·	
	XTV26+6G	SCREW	2	
53	XTV3+10G	SCREW	8	
54	XTV3+12G	SP. MOUNTING SCREW	11	
55	XTV3+20JFZ	CASING SCREW	10	
56			·	
	XTV3+8F	SCREW	1	
57	XTWS3+10Q	MECHA SHAFT SCREW	2	
58	XYN3+F12FY	R. ANT SCREW	1	
61	RAE0152Z	TRAVERSE		
			1	
61-1 •	SHGD113-1	FLOATING CUSHION	3	
61-2	SNSD38	TRV MOTOR ASS'Y SCRE	2	
62	RME0109	FLOATING SPRING B	2	
63	RME0142			
		FLOATING SPRING A	1	
64	RMS0350	FIXED PIN A	1	
65	RMS0123-1	FIXED PIN B	1	
66	RMR0698-K	TRY CHASSIS	1	
67	XTN2+6G			
		PCB SCREW	3	
.68	XTWS26+10Q	PANEL PCB SCREW	5	
69	RDG0183-L	DAMPER GEAR	2	
70	RDP0103	ROLLER		
			2	
71	RMQ0649	MECHA BUTTON SUPPORT	1	
72	RMR1155-K	CD FIXTURE	2	
73	REX0908	POWER-MAIN WIRE (PW604)	1	
74	RWJ0103170KK		1	
75	RWJ8203120KK	LED-MAIN WIRE (W606)	1	
76	RWJ8207110RR	MAIN-PANEL WIRE(PW601)	1	
101	RDV0021	MAIN BELT		
			_1	
102	RJR0033	EARTH LUG	1	
103	RMB0109-1	BRAKE SPRING	1	
104	RML0116	BRAKE		
			1	
105	RBR2CY009	ERASE HEAD	1	
106	RDG0057-1	IDLER GEAR	1	
107	RDG0059	FF RELAY GEAR	1	· · · · · · · · · · · · · · · · · · ·
108	RDK0005	CAM GEAR		
			1	
109	RDV0006-1	RF BELT	1	
110	RHW16009	CAPSTAN WASHER	1	
111	RMA0109	BACK PLATE	1	
112	RMB0043-1			
		ROD OPERATION SPRING	3	
113	RMB0045	AS SPRING	1	
114	RMB0046-1	LOCK PLATE SPRING	1	
115	RMB0047	HEAD PANEL SPRING	1	
116	RMB0048			
		IDLER LEVER SPRING	1	
117	RMB0053	PAUSE LEVER SPRING	1	
118	RMB0125	BACK TENSION SPRING	1	
119	RMC0061	PACK SPRING (OR RUS60	1	
120	RFKRCT090P-K			
			1	
121	RML0071	SWING LEVER	1	
122	RML0072-1	AS RELEASE LEVER	1	
	RML0073-1	AS PROTECT LEVER	1	
			-	
	RML0074	IDLER LEVER	1	
	RML0076	EJECT SELECTION LEVE	1	
126	RML0077	LOCK PLATE	1	
	RML0078	FUNCTION PLATE	_	
			1	
	RML080-1	ERASE HEAD ARM	1	
129	RML0081-2	RECORD SAFETY LEVER	1	
130	RML0082	PAUSE LEVER	1	
	RMM0023			
		PLAY ROD	1	
	RMM0024	REW ROD	1	
133	RMM0025	FF ROD	1	
	RMM0026	STOP ROD	1	
	RMM0027	PAUSE ROD	1	
136	RMM0028	REC ROD	1	
137	RMM0029	EJECT SLIDE LEVER	1	
100	RMR0211	PAUSE BUSH	1	
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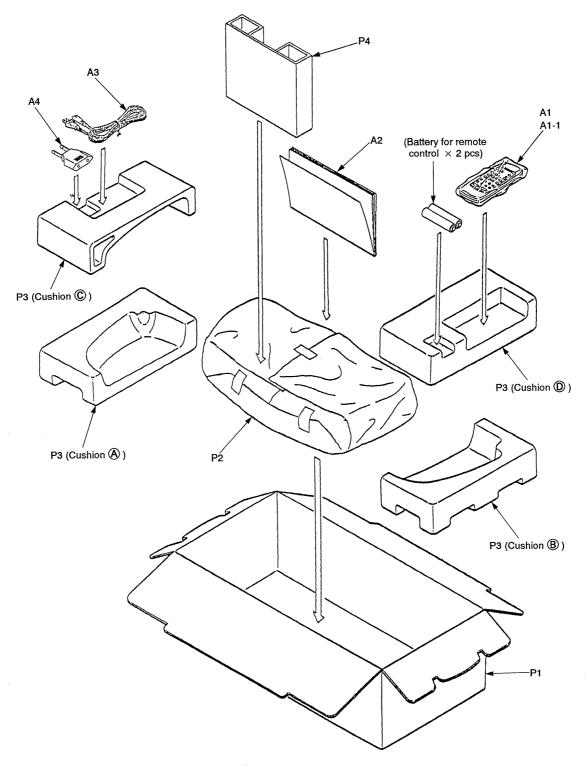
D.C.N.	Dent No.	Det New O Det 1	. 1						τ-	1
Ref. No. 139	Part No. RMR0227	Part Name & Description IDLER GEAR BUSH	PCS 1	Remarks	Ref. No. C108	Part No.		Name & Description	nPc	s Remarks
140	RMS0055-1	REEL SHAFT	2		C201	ECBT0J223MS5 ECBT1C122MR5	6. 3V	0.022 1200P		
140	RXF0012	FLYWHEEL ASSY	- 1		C201	ECBT1C332MR5	167	3300P		
141-1	RHW21008	FLYWHEEL WASHER	ī		C204	ECBA1H681KB5	50V	680P		
142	RMB0044	TRIGGER SPRING	1		C206	ECA1CM101	16V	100		
143	RML0075	TRIGGER LEVER	1		C207	ECA1CM100B	16V	10	1	1
144	RXP0014	RF CLUTCH ASSY	- 1		C208	ECBT0J223MS5	6.3V	0.022	1	1
145	RXP0015	PINCH ROLLER ASSY	1		C301	ECA1CM101	16V	100	1	1
145-1	RMB0049	PINCH ARM SPRING	_1		C302	ECA1AM221B	107	220	1	1
146		STEREO ASTEC HEAD	1		C303	ECA1HM2R2B	50V	2.2	1	
147	XTN2+14F	R/P HEAD SCREW	1		C304	ECQP2A102JZT	1000	1000P		
149	RMA0696 RMQ0384	HEAD BASE HEAD BASE	1		C305	ECA1CM101	167	100		
151	XTN2+4F	SCREW	1		C306 C307	ECBT1C822MS5		8200P		
154	RXR0004	TAKE UP REEL ASSY			C310	ECBT1C103MS5 ECQP2A151JZT	1007	0.01 150P		
155	RXR0005	SUPPLY REEL ASSY	-	······	C311	ECBT1C103MS5	167	0.01		•
156	XTN2+6J	BACK PLATE SCREW	1		C403	ECEA1CKS100	167	10		
158	RHD26002	MOTOR SCREW	2		C404	ECA1HM010B	507	1		
160	RMG0102	MOTOR RUB. CUSH.	2	·	C405	ECBT1H101KB5	50V	100P		1
162	RFKPXDS101PK	DC MOTOR ASS'Y	1		C406	ECEA1HKS010	50V	1		
163	RMA0108	MOTOR BRACKET	1		C407	ECA1HMR22B	50V	0.22		1
164	XTN26+8J	MOTOR BK SCREW	1		C409	ECA1CM100B	16¥	10		
165	RME0098-2	EJECT SLIDE LEVER SPRING	1		C410	ECBT1H101KB5	50V	100P		
	FUD0 40777		_		C412,13	ECFR1C683MR	16V	0.068		
A1	EUR646550	REMOTE CONTROL	1	·····	C414, 15	ECA1HM2R2B	507	2.2		
A1-1	UR64EC2112 RQT4251-B	R/C BATTERY COVER 0/1 BOOK	1	(CN)/(14)	C416	ECBT1H471KB5	50V	470P		
A2 A2	RQ14251-B RQT4277-G	0/1 BOOK	1	(GN) <1 A> (GC) <1 B>	C418 C419	ECA1CM101	16V	100		
A2 A2	RQT4277-G	0/1 BOOK	1	(GC) (IC)	C419 C420	ECQM1H224JZ ECA1CM101	50V 16V	0.22		•
A3	RJA0019-2K	AC CORD		(GC)	C420	ECA1CM471	16V	470	-	
A3	RJA0035-A	AC CORD	1	(GN)	C423	ECA1CM100B	167	10	+	
A4	RJP1SG04-H	AC PLUG ADAPTOR	1	(GC)	C424	ECA1HM2R2B	50V	2.2	+	
					C425	ECBT0J153MS5		0.015	+	
C1	ECBT1H470J5	50V 47P	1		C450	ECBT0J223MS5		0.022	1	
C2	ECBT1H100JC5	50V 10P	_1		C503	ECEA1CKS100	16V	10	1	1
C3	ECFR1C223MR	16V 0.022	1		C504	ECA1HM010B	50V	1		1
C4	ECBT1H102KB5	50V 1000P	1		C505	ECBT1H101KB5	50V	100P	1	1
C5	ECBT1H5R6KC5	50V 5.6P	1		C506	ECA1HM010B	50V	1		1
C6	ECBT1H102KB5	50V 1000P	1		C507	ECA1HMR22B	50V	0.22		
C7	ECBT1H150JC5	50V 15P	1		C509	ECEA1CKS100	16V	10	-	
C8, C9	ECBT1H102KB5	50V 1000P	2		C510	ECBT1H101KB5	50V	100P	_	1
C10 C12	ECBT1H100JC5 ECBT1H331KB5	50V 10P 50V 330P	1		C512, 13	ECFR1C683MR ECA1HM2R2B	16V	0.068		
C12 C13	ECA1CM100B	16V 10	1		C514, 15 C516	ECBT1H#2R2B	50V 50V	2.2 470P		
C14	ECBT1H102KB5	50V 1000P	1		C518	ECA1CM101	16V	100	+	
C15	ECFR1C683MR	16V 0.068	1		C519	ECQM1H224JZ	507	0.22		
C16, 17	ECFR1C823MR	16V 0.082	2		C520	ECA1CM101	161	100	_	1
C18, 19	ECFR1C333MR	16V 0.033	2		C521	ECA1CM471	16V	470	-	
C20, 21	ECA1HM010B	50V 1	2		C523	ECA1CM100B	16V	10		1
C22	ECA1HM4R7B	50V 4.7	1		C524	ECA1HM2R2B	50V	2.2		1
C23,24	ECFR1C333MR	16V 0.033	2		C525	ECBT0J153MS5		0.015		
C30	ECBT1H331KB5	50V 330P	1		C550	ECBT0J223MS5		0.022	_	
C31	ECBT1C103MS5		1		C601	ECBT1H561KB5		560P	_	1
C32-34	ECBT1H102KB5		3		C603		50V	1	-	1
C35 C36	ECA1CM101 ECA1EM101	16V 100 25V 100	1		C605	ECA1HM010B	50V	1	+	
C36 C37	ECBT1C103MS5		1		C606 C607	ECBT1H561KB5 ECBT1H101KB5		560P 100P	-	
C39	ECBT1H180JC5		1		C609	ECBT1H101KB5		100P	-	
C40	ECBT1C222MR5	16V 2200P	1		C615	ECBT1H180JC5		18P	+	
C42	ECBT1H330J5	50V 33P	1		C616	ECBT1H220JC5	_	22P	+	
C43	ECBT1H101KB5	50V 100P	1		C617-19	ECBT1H102KB5		1000P	_	3
C44	ECA1HM2R2B	50V 2.2	1		C620	ECBT1H820KB5		82P	-	
C45	ECBT1H102KB5	50V 1000P	1		C621	ECBT1H101KB5		100P	$\uparrow$	1
C48	ECA1HM010B	50V 1	1		C622	ECBT1H102KB5		1000P	1	1
C49, 50	ECBT1H102KB5	50V 1000P	2		C623	ECA1CM101	16V	100		
C51	ECA1HM010B	50V 1	1		C624	ECBT1H680J5	50V	68P		
C53, 54	ECBT1H102KB5	50V 1000P	2		C625	ECBT1H820KB5		82P		
C91	ECA1HM3R3B	50V 3.3	1		C627	ECA1CM220B	16V	22	_	
C92	ECBT1H331KB5		1		C628, 29	ECA1CM101	16V	100	-	2
C98	ECBT1H331KB5	50V 330P	1		C630	ECA1CM220B	16V	22	1	
C101	ECBT1C122MR5 ECBT1C332MR5	16V 1200P	1		C632	ECA1CM101	16V	100		
C102	ECBT1C332MR5 ECBA1H681KB5	16V 3300P 50V 680P	1		C633	ECA1CM100B	16V	10	-	
C104	ECA1CM101	16V 100	1		C637 C638	ECA1CM331 ECA1HMR47B	16V 50V	330 0.47	+	
C108	ECATCHIOT	16V 10	1		C638	ECA1CM220B	16V	22	-	
1			<u> </u>					<b></b>	+	·
	· · ·						1		+	
			_			•••••	•			

Ref.No.	Dent N.	D. I.N. O.D. I.I.	5				1	· · · ·	T
	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	ı₽c	s Remarks
C641,42	ECA1CM101	16V 100	2		A D614	MTZJ7R5CTA	DIODE		1
C643	ECA1CM220B	16V 22	1		A D615	MTZJ15BTA	DIODE		1
C644	ECA1CM100B	16V 10	1		A D617	MTZJ5R6CTA	DIODE	1	
C645	ECA1VM221	35V 220	1		D618-20	RVD1SS133TA	DIODE		
C646	ECBT1H330J5	50V 33P	1		D625	RB441QT-77	DIODE	-	
C648	ECBT1H330J5	50V 33P	1		D801	SPR325MVWT31	LED		
C650	ECBT1H330J5	50V 33P	1					ļ.,	
C653	ECA1HM100B		· · ·		<u> </u>	1SR35400V	DIODE	1	
			1		D905	RVD1SS133TA	DIODE		1
C654	ECBT1H102KB5	50V 1000P	1	· · · · · · · · · · · · · · · · · · ·				1	
C655	ECBT1C103MS5	16V 0.01	1		A F901	XBA2C20TBOL	FUSE, 250V T2A		1
\land C657	ECA1EM222	25V 2200	1					1	
C701	ECEA0JKA3301	6.3V 33	1		FH901,02	RIROIGOT	FUSE HOLDER		2
C702	ECUZ1E104MBN	25V 0.1	1			inchior of the second s		Ľ	
C703	ECEA0JKS101	6.3V 100	$\frac{1}{1}$		A 50001	DOFUDIONT		-	
C704	ECUZ1E104MBN		$\frac{1}{1}$		A FP601	RSFMB10KT-L	FUSE PROTECTOR	1	
C704			<u> </u>		A FP901	RSFMB40KT-L	FUSE PROTECTOR	1	
	ECUZ1H272KBN	50V 2700P	1						
C707	ECUZ1E273KBN	25V 0.027	1		H601A	RMR0316	WIRE HOLDER (7P)	1	1
C710	ECUV1H151KCN	50V 150P	1		H601B	RMR0316	WIRE HOLDER (7P)	1	
C711,12	ECUZ1E104ZFN	25V 0.1	2		H604	RJS1A5504	CABLE HOLDER (4P)	1	
C713	ECUZ1E104MBN	25V 0.1	1			-		<u> </u>	
C714	ECEA0JKS101	6.3V 100	1		IC1	TA2008AN	IC	-	
C715	ECUZ1H182KBN		1	·····		www.color.co		1	
C716	ECUZ1H821KBN	50V 820P	1		102	LC72131D	IC		
C710			-			BA3313L	IC	1	
	ECUZ1E104ZFN	25V 0.1	1		IC601	M38224M6M059	IC	1	
C718	ECUZ1C224KBN	16V 0.22	1		1C602	BMR0301G	10	1	
C721,22	ECUZ1H150JCN	The second se	2		1C603	LA4227	IC	1	
C723	ECEA1AKS221	10V 220	1	1	10604	M62429P	10		
C724	ECUZ1E104MBN		1		A IC605	S81250SGY-Z	10	1	
C725, 26	ECUZ1H102KBN		2			BU4066BC			
C727, 28		50V 1	2					1	
C730	ECUZ1E104ZFN		1		10701	AN8837SBE1	10	1	
					"IC702	MN662746RPK1	IC	1	
C731, 32		6.3V 220	2		IC703	AN8780NSBE2	IC	1	
C733	ECUZ1E104MBN		1						
C734	ECEA1AKS221	10V 220	1		JK601	RJJ37TK01-1C	JK, HEADPHONES	1	
C735-37	ECUZ1E104ZFN	25V 0.1	3				JK, AC INLET	1	
C738	ECUZ1E104MBN	25V 0.1	1					-	
C739	ECUZ1H103KBN		1		L2	RLQY30S1W	COIL, CHOKE		
C742	ECUZ1E273KBN		1					1	
C743	ECUZ1E104ZFN		1				F. ANT	1	
C744	ECUZ1E123KBN				L4		COIL, CHOKE	1	
			1				COIL, AM OSC	1	
C745	ECUZ1C473KBN		1		L7	RLQZP101KT-Y	COIL, CHOKE	1	
C747	ECUV1H221KBN		1		L8	RLQY30S1W	COIL, CHOKE	1	
C749	ECUZ1H222KBN		1		L301	RL09B17-T	COIL, BIAS OSC	1	
C750, 51	ECUZ1E104MBN	25V 0.1	2		L401	RLL500050T-Y	COIL, CHOKE	1	(GN)
C752	ECUZ1H102KBN	50V 1000P	1		L501	RLL500050T-Y		1	(GN)
C753	ECUZ1H471KBM	50V 470P	1			RLQZP1R0KT-Y			
C754	ECUZ1H471KBN		1			RLQZP1R0KT-Y			
		50V 470P	2		Contraction of the local data				
C851	ECBT1H101KB5		_			RLQZP1R0KT-Y		3	
			1			RLQZP1R0KT-Y		1	
C852	ECBT1H100JC5		1			RLL500050T-Y		1	(GN)
C854	ECBT1H102KB5		_1			RLQZP2R2KT-Y		1	
C860	ECBT1H101KB5		_1		L901,02	RLL500050T-Y	COIL, CHOKE	2	(GN)
C901-04	ECKR1H103ZF5	50V 0.01	4					-	
					P1	RPGX0470	GIFT BOX	1	(GC)
CF1	RLFFETNL02AL	CERAMIC FILTER	1				GIFT BOX	_	(GN)
CF3		CERAMIC FILTER	1				MIRAMAT SHEET	1	
CN701	RJS2A6016	CONNECTOR (16P)	1	]			POLYFOAM	1	
		CONNECTOR (23P)	1		P4	RPQX0073	PAD	1	
CN702	NJ 3 I AD 62 3-J	CONNECTOR (23P)	_1				TRANSISTOR	1	
						2SC1740STA	TRANSISTOR	2	
		CONNECTOR (4P)	_1		Q401,02	2SC1740STA	TRANSISTOR	2	
		CONNECTOR (3P)	1		Q404,05		TRANSISTOR	2	
CP604	RJP4G4YA	CONNECTOR (4P)	1				TRANSISTOR	1	
CP608	RJT029W002-1		1				TRANSISTOR	1	
		· · · · · ·		······			TRANSISTOR		
CT1	ECRI A010453P	TRIMMER CAPACITOR	1					1	
							TRANSISTOR	- 2	The second se
	SVC24CT ···	DIODE					TRANSISTOR	2	
D1		DIODE	1				TRANSISTOR	1	
		DIODE	2		Q509	2SC1740STA	TRANSISTOR	1	
		DIODE	2		Q511	RVTDTC114TST		1	
D607,08	RVD1SS133TA	DIODE	2				TRANSISTOR	1	
D609	MTZJ5R1BTA	DIODE	1				TRANSISTOR	3	
		DIODE	1				TRANSISTOR	- 3	
A		DIODE	1						
					Q607	2SC1740STA	TRANSISTOR	1	
L									

Ref.No.	Part No.	Part Name & Description	Pre	Remarks	Ref.No.	Part No.	Part	Namo & Deceminities	h.	Describe
the second se	2SA952LTA	TRANSISTOR	1	ACuid1 KS	R421	ERDS2FJ102	1/4₩	Name & Description	1 PC	s Remarks
Q609,10	2SC1740STA	TRANSISTOR	2		R422	ERDS2FJ683	1/4₩	68K		· · · · · · · · · · · · · · · · · · ·
	RVTDTA114SET	TRANSISTOR	1		R423	ERDS2FJ682	1/4W	6.8K	1	1
	2SC1740STA	TRANSISTOR	1		R424	ERDS2FJ153	1/4₩	15K	1	1
Q613	2SJ40CTA	TRANSISTOR	1		R425	ERDS2FJ103	1/4W	10K	1	
	2SB1566E	TRANSISTOR	1		R426	ERDS2FJ470	1/4₩	47	1	
Per se ven con	2SC1740STA RVTDTC144EST	TRANSISTOR TRANSISTOR	1		R427	ERDS2FJ181	1/4₩	180		
Q617	2SA952LTA	TRANSISTOR			R430 R431	ERDS2FJ221 ERDS2FJ472	1/4W	220 4.7K		
	RVTDTC143XST	TRANSISTOR			R431	ERDS2FJ472 ERDS2FJ103	1/4	4.7K	1	
	2SC1740STA	TRANSISTOR	2		R450	ERDS2FJ102	1/4₩	1K		
	RVTDTC144EST	TRANSISTOR	2		R501	ERDS2FJ103	1/4₩	10K		
Q701	2SA1037AKSTX	TRANSISTOR	1		R502	ERDS2FJ683	1/4₩	68K		
Q702	DTC114YKA146	TRANSISTOR	1		R503	ERDS2FJ562	1/4W	5.6K	1	1
					R504	ERDS2FJ682	1/4W	6.8K	1	1
	ERDS2FJ103	1/4W 10K	1		R509	ERDS2FJ472	1/4W	4.7K	1	
	ERDS2FJ332	1/4W 3.3K			R510	ERDS2FJ152	1/4₩	1.5K	1	
	ERDS2FJ472 ERDS2FJ221	1/4W 4.7K 1/4W 220	1		R511	ERDS2FJ474	1/4₩	470K		
	ERDS2FJ221 ERDS2FJ104	1/4W 100K			R512 R513	ERDS2FJ392 ERDS2FJ681	1/4₩ 1/4₩	3.9K	1	
	ERDS2FJ104	1/4W 100K	2		R513 R515	ERDS2FJ681 ERDS2FJ222	-	680		
	ERDS2FJ223	1/4W 22K	1		R515 R516	ERDS2FJ222 ERDS2FJ473	1/4W	2.2K 47K		
	ERDS2FJ103	1/4W 10K	$\left  \frac{1}{1} \right $		R517	ERDS2FJ475	1/4	11		
	ERDS2FJ104	1/4W 100K	1		R518	ERDS2FJ103	1/4₩	10K		
R17	ERDS2FJ222	1/4W 2.2K	1		R519	ERDS2FJ822	1/4₩	8.2K		
	ERDS2FJ223	1/4W 22K	1		R521	ERDS2FJ102	1/4W	1K	1	1
R21	ERDS2FJ473	1/4W 47K	1		R522	ERDS2FJ683	1/4₩	68K	1	
	ERDS2FJ102	1/4₩ 1K	1		R523	ERDS2FJ682	1/4₩	6.8K	1	
	ERDS2FJ223 ERDS2FJ103	1/4W 22K	1		R524	ERDS2FJ153	1/4₩	15K	1	
	ERDS2FJ103 ERDS2FJ223	1/4W 10K 1/4W 22K	1		R525	ERDS2FJ103	1/4₩	10K	1	
	ERDS2FJ223	1/4W 10K			R526 R527	ERDS2FJ470 ERDS2FJ181	1/4W	47	1	
	ERDS2FJ332	1/4W 3.3K			R530	ERDS2FJ221	1/4	220		
	ERDS2FJ223	1/4W 22K	1		R531	ERDS2FJ472	1/4₩	4.7K	1	-
	ERDS2FJ103	1/4W 10K	1		R536	ERDS2FJ103	1/4₩	10K		•
R30	ERDS2FJ472	1/4W 4.7K	1		R550	ERDS2FJ102	1/4W	1K	1	1
R31	ERDS2FJ222	1/4W 2.2K	1		R604-06	ERDS2FJ153	1/4W	15K	3	3
	ERDS2FJ471	1/4W 470	1		R607	ERDS2FJ104	1/4W	100K	1	1
	ERDS2FJ330	1/4W 33	1		R608	ERDS2FJ334	1/4₩	330K	1	
	ERDS2FJ223	1/4W 22K	1		R609	ERDS2FJ153	1/4W	15K	1	,
	ERDS2FJ183 ERDS2FJ272	1/4W 18K 1/4W 2.7K	1	-	R610	ERDS2FJ682	1/4₩	6.8K		
	ERDS2FJ272	1/4W 270K				ERDS2FJ223 ERDS2FJ682	1/4W	22K 6.8K		1 (GN)
	ERDS2FJ680	1/4W 68	1		R613	ERDS2FJ882 ERDS2FJ333	1/4	33K		1 (GC)
	ERDS2FJ222	1/4W 2.2K			R614, 15	ERDS2FJ104	1/4₩	100K	1	,
	ERDS2FJ682	1/4W 6.8K	1		R617	ERDS2FJ104	1/4₩	100K		
R108	ERDS2FJ472	1/4W 4.7K	1		R624, 25	ERDS2FJ472	1/4₩	4.7K	1 2	2
R201	ERDS2FJ183	1/4W 18K	1		R626	ERDS2TJ106T	1/4W	10M	1	1
	ERDS2FJ272	1/4W 2.7K	1		R627	ERDS2FJ334	1/4W	330K	1	
	ERDS2FJ274	1/4W 270K	1		R628	ERDS2FJ105	1/4W	1M	1	1
	ERDS2FJ680	1/4W 68	1		R630	ERDS2FJ334	1/4₩	330K	1	
	ERDS2FJ222 ERDS2FJ682	1/4W 2.2K 1/4W 6.8K	1		R636	ERDS2FJ102	1/4W	1K	Ľ	
		1/4W 6.8K 1/4W 4.7K			R638, 39 R640, 41	ERDS2FJ102 ERDS2FJ103	1/4W	1K 10K		
	ERDS2FJ223	1/4W 22K			R640, 41 R642	ERDS2FJ103 ERDS2FJ223	1/4W	22K		
	ERDS2FJ101	1/4W 100	1		R642	ERDS2FJ223	1/4W	220K		
	ERDS2FJ751	1/4W 750	1		R644	ERDS2FJ223	1/4₩	22K		
	ERDS2FJ563	1/4W 56K	1		R646	ERDS2FJ101	1/4W	100	1	
	ERDS2FJ221	1/4W 220	1		R648	ERDS2FJ221	1/4W	220	1	
	ERDS2FJ100	1/4W 10	1		R649	ERDS2FJ223	1/4W	22K	1	1
	ERDS2FJ272	1/4W 2.7K	1		R650	ERDS2FJ182	1/4W	1.8K	1	
	ERDS2FJ103	1/4W 10K	1		R651	ERDS2FJ223	1/4W	22K	1	
	ERDS2FJ683	1/4W 68K	1		R653	ERDS2FJ182	1/4₩	1.8K		
	ERDS2FJ562 ERDS2FJ682	1/4W 5.6K 1/4W 6.8K	1		R654	ERDS2FJ332	1/4W	3. 3K		
		1/4W 6.8K	1		R655 R656	ERDS2FJ391 ERDS2FJ473	1/4W	390 47K		
		1/4W 1.5K	1		R658	ERDS2FJ473 ERDS2FJ473	1/4W	47K		
		1/4W 470K	1		R660	ERDS2FJ473 ERDS2FJ151	1/4W	4/K 150		
		1/4W 3.9K	1		R661	ERDS2FJ181	1/4₩	180		
	ERDS2FJ681	1/4W 680	1		R662	ERDS2FJ103	1/4₩	10K	i	
R415	ERDS2FJ222	1/4W 2.2K	1		R663	ERDS2FJ122	1/4₩	1.2K	T i	
		1/4W 47K	1		R665	ERDS2FJ222	1/4W	2.2K	1	1
	ERDS2FJ105	1/4W 1M	1		R666	ERDS2FJ472	1/4W	4.7K	1	1
		1/4W 10K	1		R667	ERDS2FJ104	1/4W	100K	1	
R419	ERDS2FJ822	1/4W 8.2K	1		R668	ERDS2FJ103	1/4W	10K	1	
									-	
						I	1.		1	1

Ref.No.	Part No.		Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	s Remarks
	ERDS2FJ123	1/4W	12K	1		RJ721-28	ERJ6GEY0R00A	1/10W 0	8	
<u>∕</u> £670	ERDS1FJ1R0	1/2₩	1	1		RJ750	ERJ6GEY0R00A	1/10W 0	1	
R671	ERDS2FJ151	1/4W	150	1						
	ERDS2FJ124	1/4W	120K	1		\$301	RSP2F002-A	SW, R/P SELECTOR	1	
R673	ERDS2FJ105	1/4₩	11	1		S601	RSH1A006-U	SW, MOTOR	1	
R674	ERDS2FJ151	1/4₩	150	1		S602	RSH1A005	SW, CD COVER CLOSE DET	1	
	ERDS2FJ181	1/4₩	180	1		S701	RSH1A043-U	SW, REST	1	
	ERDS2TJ335T	1/4W	3.3M	1		S801-12	EVQPTD05Q	SW, PUSH	12	
	ERDS2FJ682	1/4₩	6.8K	1		A \$901		SW, AC-DC SELECTOR (JK901)	1	
	ERDS2FJ103	1/4₩	10K	1	-	A \$902	RSR3A01ZA-H	SW, VOLTAGE ADJ.	1	(GC)
		1/4₩	15K	1					L	-
	ERDS2FJ103 ERDS2FJ223	1/4₩	10K	1		T1	RL12B013-T	AM IFT	1	
		1/4₩	22K	1		T1	RL12B014-T	AM IFT	1	
		1/4W	680	1	-	A T901		POWER TRANSFORMER	1	(GN)
	ERDS2FJ223 ERDS2FJ122	1/4₩	22K	1		<u>∧</u> T901	RTP1K1E009-X	POWER TRANSFORMER	1	(GC)
		1/4₩	1.2K	1						
	ERDS2FJ472	1/4W	4.7K	2		TJ701,02	EYF8CU	TEST JUMPER	2	
	ERDS2FJ103	1/4W	10K	1						
	ERDS2FJ333 ERD2FCG101	1/4₩ 1/4₩	33K 100	$  \frac{1}{1}$		W602		CD LEAF SW WIRE (2P)	1	
	ERDS2FCG101 ERDS2FJ1R5	1/4W 1/4W		1 2		W605	KWJU102050KR	MAIN-MECHA MOTOR WIRE(2P)	1	
R690, 91 R693	ERDS2FJ1R5 ERDS2FJ472	1/4W	1.5 4.7K	2		¥0	00974502404	0001114700		
	ERDS2FJ472 ERDS2FJ121	1/4W	120	1		X2	RSXZ456KM01	OSCILLATOR	1	
	ERDS2FJ121 ERDS2FJ471	1/4W	470	1		X3	RSXC7M20S04T		1	
	ERDS2FJ471 ERDS2FJ101	1/4W	100	1		X601	RSXD32K7S02	OSCILLATOR	<u>-</u>	
	ERDS2FJ101	1/4W	1.5K	1		X602 X701	RSXZ4M19D01T		<u> </u>	
	ERDS2FJ152 ERDS2FJ562	1/4W	5.6K	1	· · · · · · · · · · · · · · · · · · ·	×/01	RSXZ16M9M01T	USUILLAIUK	1	
	and a second	1/10₩				Z601	DC1 5100-1			
	ERJ6GEYJ822A			1		Z801	RSL5196-V RCD12042LN	LCD DISPLAY REMOTE SENSOR	1	
	ERJ6GEYJ102A			1		2001	NGD12042LN	NEMOLE SENSOR	<u>  '</u>	
R704	ERJ6GEYJ124A			1					-	
	ERJ6GEYJ102A									
R707	ERJ6GEYJ474A			1						
	ERJ6GEYJ154A									
	ERJ6GEYJ473A			$\frac{1}{1}$		·····				
	ERJ6GEYJ103A			1						
	ERJ6GEYJ154A			1						
	ERJ6GEYJ221A			1						
	ERJ6GEYJ122A			1						
	ERJ6GEYJ102A			4						
	ERJ6GEYJ101A			1						
R723	ERJ6GEYJ272A	1/10₩	2.7K	1						
R724	ERJ6GEYJ333A	1/10₩	33K	1						
R725	ERJ6GEYJ122A	1/10W	1.2K	1						
R727, 28	ERJ6GEYJ682A	1/10₩	6.8K	2						
R729	ERJ6GEYJ562A	1/10₩	5.6K	1						
R731	ERJ6GEYJ123A	1/10₩	12K	1						
R734-36	ERJ6GEYJ101A	1/10₩	100	3						
R738	ERJ6GEYJ223A	1/10W	22K	1						
R741-43	ERJ6GEYJ562A	1/10W	5.6K	3						
	ERJ6GEYJ104A			1						
R745	ERJ6GEYJ155A			1						
	ERJ6GEYJ272A			1					[	
	ERJ6GEYJ682A			1						
	ERJ8GEYJ220A		22	1						
	ERJ6GEYJ224A			1						-
		1/4₩	1.5K	1						
		1/4₩	2.2K	1						
		1/4₩	2.7K	1						
		1/4₩	3.9K	1						
		1/4₩	5.6K	1						
		1/4₩	8.2K	1					l	
		1/4W	15K	1						
		1/4₩	33K	1						
		1/4₩	82K	1						
		1/4₩	15K	1						
		1/4₩	4.7K	1						
		1/4₩	10K	1						
		1/4₩	270	1					-	
		1/4₩	68K	1						
R903	ERDS2FJ272	1/4₩	2.7K	1						
0.1701	ED LOOFVODOO	1 /1 0	<u> </u>							
	ERJ6GEYOROOA			1						
	ERJ8GEYOROOA		0	1						
кј703-10	ERJ6GEY0R00A	1/10W	U	8						
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## Packaging



P3 : (Cushion (Å), (B), ( $\bigcirc$ , ( $\bigcirc$ )) Part No. RPN1111

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