



# CD/RADIO CASSETTE RECORDER OWNER'S MANUAL

MODEL: LPX-M930A/X/S  
LPX-M935A/X/S



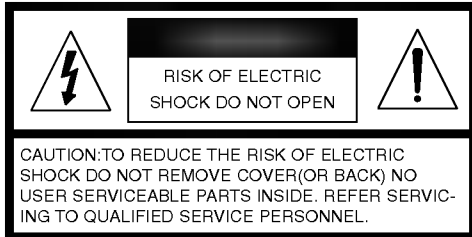
Read this manual carefully before operating

for reference.

Specifications are subject to change  
without notice.



## Precautions



### Explanation Graphical Symbols:



The lightning flash with arrowhead symbol, within an equilateral triangle is intended to alert the user to the presence of uninsulated dangerous voltage within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

### WARNING

TO REDUCE THE RISK OF FIRE OF ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

To avoid electrical shock, do not open the cabinet, Refer servicing to qualified personnel only.

The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.

### CAUTION

Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

Laser component in this product is capable of emitting radiation exceeding the limit for Class 1.

**CAUTION: INVISIBLE LASER RADIATION WHEN OPEN AND INTERLOCKS DEFEATED. AVOID EXPOSURE TO BEAM.**

**WARNING: OSYNLIG LASERSTRÅLNING NÄR DENNA DEL ÄR ÖPPNAD STRÅLEN ÄR FARLIG.**

**Attention:** Quand l'appareil est ouvert, ne pas s'exposer aux radiations invisibles du faisceau laser.

This label is located on the interior.

<b>CLASS 1</b>	<b>LASER PRODUCT</b>
<b>KLASSE 1</b>	<b>LASER PRODUKT</b>
<b>LUOKAN 1</b>	<b>LASER LAITE</b>
<b>KLASS 1</b>	<b>LASER APPARAT</b>
<b>CLASSE 1</b>	<b>PRODUIT LASER</b>

This Compact Disc player is classified as a CLASS 1 LASER product.

The CLASS 1 LASER PRODUCT label is located on the exterior.

This product is manufactured to comply with the radio interference requirements of EEC DIRECTIVE 89/336/EEC, 93/68/EEC and 73/23/EEC.

Do not install this equipment in a confined space such as book case or similar unit.

## Table of Contents

### INTRODUCTION

Precautions / Table of Contents	2
Before Use	3
Safety Precautions	3
Notes on Discs	3
Notes on Tapes	3
Front Panel	4
Rear Panel/Display Window	5
Remote Control	5
<b>OPERATION</b>	
<b>Power Source</b>	6
The AC Power Cord Connection	6
Battery Installation	6
Adjusting the voltage (OPTIONAL)	6
Speaker Connection	6
<b>Audio Adjustment</b>	7
Volume Adjustment	7
UBB / EQ Adjustment	7
<b>Setting the CLOCK</b>	7
<b>SLEEP Function</b>	7
<b>Setting the TIMER</b>	8
<b>Other Function</b>	8

<b>Radio Operation</b>	9
Presetting the radio stations	9
Listening to the radio	9
<b>Tape Operation</b>	9
Basic Playback	9
To Pause Play / To Stop Play	9
To Play Rewind or Fast Forward	9
Continuous Play	9
<b>CD/MP3 Operation</b>	10
Basic Playback	10
To Pause Play	10
To Stop Play	10
To Skip the Track	10
To Search the Track	10
To Repeat Play	10
To Program Play	10
<b>Recording</b>	11
Basic Recording	11
CD Synchronized Recording	11
<b>Specifications</b>	Back Cover

## Safety Precautions

### Handling the unit

#### When shipping the unit

The original shipping carton and packing materials come in handy. For maximum protection, re-pack the unit as it was originally packed at the factory.

#### To keep the surface clean

Do not use volatile liquids, such as insecticide spray, near the unit. Do not leave rubber or plastic products in contact with the unit for a long period of time. They will leave marks on the surface.

### Cleaning the unit

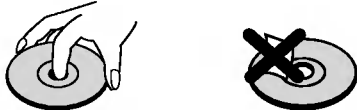
#### To clean the cabinet

Use a soft, dry cloth. If the surfaces are extremely dirty, use a soft cloth lightly moistened with a mild detergent solution. Do not use strong solvents, such as alcohol, benzene, or thinner, as these might damage the surface of the unit.

## Notes on Discs

### Handling discs

Do not touch the playback side of the disc.  
Hold the disc by the edges so that fingerprints will not get on the surface.  
Do not stick paper or tape on the disc.



### Storing discs

After playing, store the disc in its case.  
Do not expose the disc to direct sunlight or sources of heat, or leave it in a parked car exposed to direct sunlight, as there may be a considerable temperature increase inside the car.

### Cleaning discs

Fingerprints and dust on the disc can cause poor picture quality and sound distortion. Before playing, clean the disc with a clean cloth. Wipe the disc from the center out.

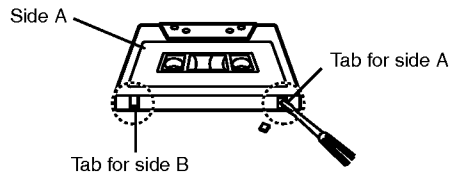


Do not use strong solvents such as alcohol, benzene, thinner, commercially available cleaners, or anti-static spray intended for analog records.

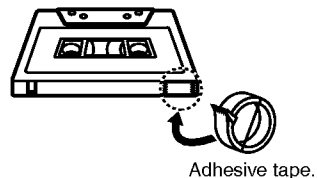
## Notes on Tapes

### Preventing record

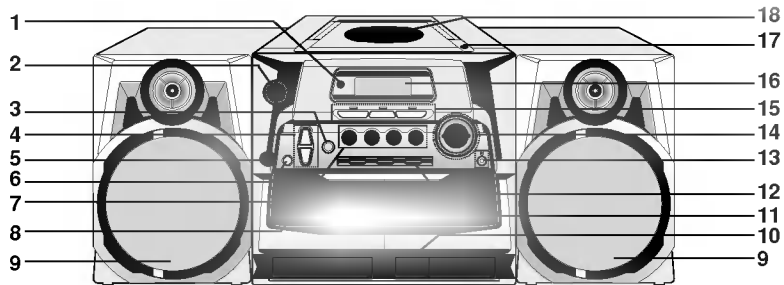
Removing the tab(s) of the cassette (with a small screwdriver) will prevent accidental erasure.



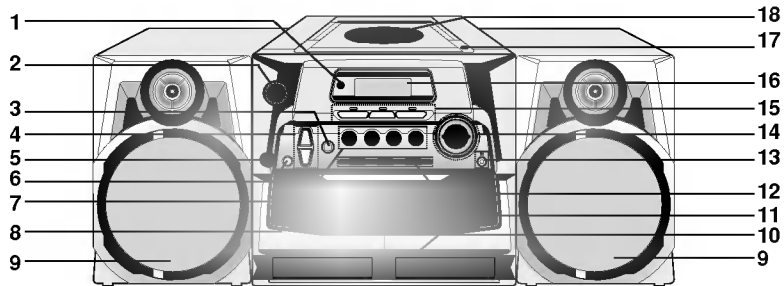
To record again, cover the hole of the tab with adhesive tape.



### LPX-M930A/X/S Model

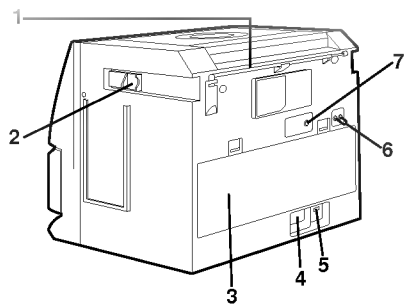


### LPX-M935A/X/S Model

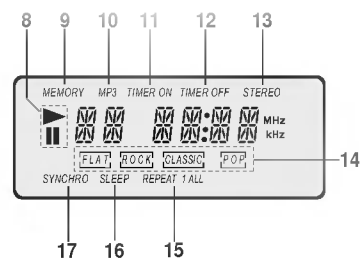


- |   |   |
|---|---|
| <ol style="list-style-type: none"> <li>1. REMOTE SENSOR</li> <li>2. POWER (STANDBY/ON) button</li> <li>3. • MEMORY button</li> <li>   • PROG./SET button</li> <li>4. • PRESET (▼/▲) buttons</li> <li>   • TIME (▼/▲) buttons</li> <li>5. MICROPHONE(MIC) SOCKET (∅3.5mm)</li> <li>6. HI-DUBBING (■ON/■OFF) button</li> <li>7. TAPE DOOR (TAPE A DECK)</li> <li>8. • CD PLAY/PAUSE (▶  ) button</li> <li>   • CD STOP (■) button</li> <li>   • TUNING (-/+) buttons</li> <li>   • CD SKIP/SEARCH ( ◀◀◀/▶▶▶ ) buttons</li> <li>9. LEFT/RIGHT SPEAKER</li> <li>10. • RECORD (● REC) button</li> <li>   • TAPE PLAY (▶ PLAY) button</li> <li>   • PLAY MODE (■↔/■↔) button<br/>(LPX-M935A/X/S model)</li> <li>   • TAPE PLAY (◀ PLAY ▶) button<br/>(LPX-M935A/X/S model)</li> </ol> | <ul style="list-style-type: none"> <li>• REWIND (◀◀ REW) button</li> <li>• FAST FORWARD (▶▶ F.FWD) button</li> <li>• TAPE STOP/TAPE DOOR OPEN<br/>(■/▲ ST/EJ) button</li> <li>• TAPE PAUSE (   PAUSE) button</li> <li>• PLAY DIRECTION (↔ DIR) button<br/>(LPX-M935A/X/S model)</li> <li>11. • MODE/RIF/REPEAT button</li> <li>   • TIMER button</li> <li>   • CLOCK button</li> <li>12. TAPE DOOR (TAPE B DECK)</li> <li>13. UBB button and indicator</li> <li>14. VOLUME (▼/▲) button</li> <li>15. FUNCTION SELECT (TUNER/BAND, CD/MP3,<br/>TAPE) buttons or indicator</li> <li>16. DISPLAY WINDOW</li> <li>17. CD DOOR OPEN (▲) button</li> <li>18. CD DOOR</li> </ul> |
|---|---|

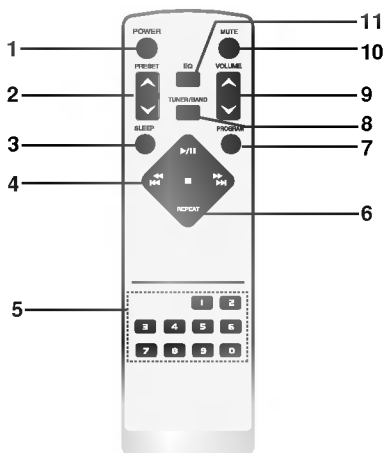




1. FM ANTENNA
2. SPEAKER RELEASE LEVER
3. BATTERY COMPARTMENT
4. AC POWER INPUT SOCKET
5. VOLTAGE SELECTOR (OPTIONAL)
6. SPEAKER INPUT SOCKET (R/L)
7. HEADPHONE SOCKET (OPTIONAL)



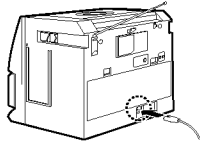
8. CD PLAY/PAUSE indicator
9. MEMORY indicator
10. MP3 indicator
11. TIMER ON indicator
12. TIMER OFF indicator
13. STEREO indicator
14. EQUALIZER PATTERN (FLAT, ROCK, CLASSIC, POP) indicator
15. REPEAT indicator
16. SLEEP indicator
17. CD SYNCHRO recording indicator



1. POWER button
2. PRESET (▼/▲) button
3. SLEEP button
4. CD FUNCTION buttons
  - CD PLAY/PAUSE (▶/||) button
  - CD STOP (■) button
  - CD SKIP/SEARCH (◀◀◀/▶▶▶) button
5. NUMBER buttons
6. CD REPEAT button
7. PROGRAM button
8. TUNER/BAND button
9. VOLUME (▼/▲) button
10. MUTE button
11. EQUALIZER (EQ) button

## The AC Power Cord Connection

- 1** Before connecting the AC power cord, check that the operating voltage of your unit is identical with the voltage of your local power supplied.
- 2** Connect one end of the AC power cord (supplied) to the AC IN socket located at the backside of your unit.
- 3** Plug the other end into the wall outlet.



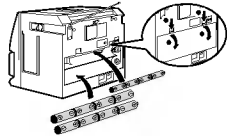
### Note

Unplug the AC power cord from the wall outlet if you do not use for an extended period of time.

## Battery Installation

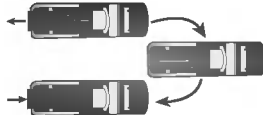
### UNIT

- 1** Press and open the battery cover.
- 2** Put eight "D" (R20) type batteries and four "AA" (R6) type batteries into the compartment making sure the  $\oplus$  and  $\ominus$  are correctly positioned.
- 3** Replace the battery cover.



### Remote Control

- 1** Press and open the battery cover.
- 2** Put two "AAA" (R03) batteries into the compartment.
- 3** Replace the battery cover.



### Note

- To avoid damage from possible battery leakage, remove the batteries if you do not plan to use the unit for an extended period of time.
- When the batteries are weak, replace all the batteries with new ones.
- During the AC power cord connect to the wall outlet, the batteries are not worn out.

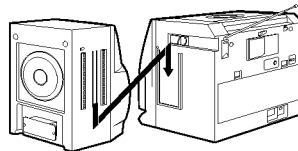
## Adjusting the voltage (OPTIONAL)

If your unit is equipped with a voltage selector at the back side, be sure to set it to your local power supplied before connecting the AC power cord.

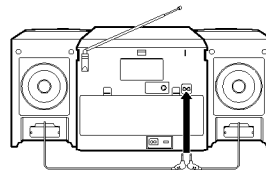
## Speaker Connection

### To attach the speaker

- 1** Position the speaker guide slots with the guide ribs on the unit.
- 2** Gently push the speaker downwards until the speaker release lever automatically locks the speaker into place.

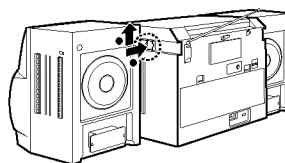


- 3** Plug the right and left speaker leads into the "R" speaker socket and "L" speaker socket located at the backside of your main unit.



### To detach the speaker

- 1** Unplug the speaker leads.
- 2** Press the speaker release lever and slide the speaker up.



## Volume Adjustment

Press **VOLUME** (Unit: ▲, Remote control: ▲) to increase the sound level, or press the **VOLUME** (Unit: ▼, Remote control: ▼) to decrease it.

## UBB / EQ Adjustment

### **UBB**

Repeatedly press **UBB** to emphasize the bass sound.

"UBB ON" indicator appears in the display window.


To cancel it, press this button again.

"UBB OFF" indicator appears in the display window.


### **EQ**

Repeatedly press **EQUALIZER (EQ)** [Remote control] to select one of four sound effect (FLAT, ROCK, CLASSIC, POP).

The EQ indicator will be shown in the display window.

- 1** Press **CLOCK**.  
(If the clock is requires setting, press and hold **CLOCK** for more than 2 seconds.)
  - 2** Select a 12 hour cycle or 24 hour cycle by pressing **TIME** (unit: ▼/▲) or **PRESET** (remote control: ▼/▲) buttons.
- 

(12HR)



(24HR)
- 3** Press **SET** to confirm the selected hour cycle.

- 4** Use **TIME** (unit: ▼/▲) or **PRESET** (remote control: ▼/▲) to set the correct hours.
- 5** Press **SET**.
- 6** Use **TIME** (unit: ▼/▲) or **PRESET** (remote control: ▼/▲) to set the correct minutes.
- 7** Press **SET** and the correct time is shown on the display.
- 8** Press **CLOCK** at any time to display the time for about 5 seconds.

When the sleep timer is used, the power is automatically turned off after the specified time has elapsed.

- 1** To specify the time delay before the power is turned off, press **SLEEP**.  
In the display window you can see "SLEEP 90" for about 5 seconds. This means that the system turns off automatically after 90 minutes.  
Each time the button is pressed the time interval before it turns off is reduced by 10 minutes. i.e. 80...70... etc.  
Select the desired time to turn off.

- 2** To check the remaining time until the power is turned off.  
While the sleep function is active press **SLEEP** briefly. The time remaining until it turns off is displayed for about 5 seconds.

### **Note**

If you press **SLEEP** while the sleep time is displayed, the SLEEP time is reset.

### **To cancel the sleep timer mode**

If you wish to stop the function, press the **SLEEP** button repeatedly until "SLEEP 10" appears, and then press **SLEEP** once again while "SLEEP 10" is displayed.

- This function is automatically turned on and off at the time you want.
- Select your desired radio station or press CD and load a disc.

### **1** Press CLOCK to check the current time.

**For your reference**  
If you don't set clock, timer function doesn't work.

### **2** Press TIMER to enter the timer setting mode.

"TIMER ON" appears in the display window.  
"TUN-CD" flash in the display window in turn.  
(If you want to correct the previous memorized TIMER setting, press and hold the TIMER button more than 2second

- The previous memorized timer on time and TIMER indicators appear in the display)

### **3** Press SET when the desired function is flashing.

"TIMER ON" appears in the display window.  
(If you select "TUNA", select a station you want by pressing TIME (▼/▲).

### **4** Set the hour to switch on by pressing TIME (▼/▲).

### **5** Press SET to confirm the hour to switch on.

### **6** Set the minute to switch on by pressing TIME (▼/▲).

### **7** Press SET to confirm the minute to switch on.

"TIMER OFF" appears in the display window.

### **8** Set the hour to switch off by pressing TIME (▼/▲).

### **9** Press SET to confirm the hour to switch off.

### **10** Set the minute to switch off by pressing TIME (▼/▲).

### **11** Press SET.

### **12** Adjust the volume level by pressing TIME (▼/▲).

### **13** Press SET.

"TIMER ON TIMER OFF" appears in the display window and the timer setting has been completed.

### **14** Switch the system off.

The selected function is automatically switched on and off at the time set.

#### **To cancel or check the timer**

Each time the TIMER button is pressed you can select the timer set or cancel. You can also check the timer setting status.

To activate or check the timer, press the TIMER button so that "TIMER ON TIMER OFF" appears in the display window.

To cancel the TIMER, press the TIMER button so that "TIMER ON TIMER OFF" disappears in the display window.

#### **Note**

The unit can also set the clock function in power off state.

#### **Headphone Socket (optional)**

- Connect a stereo headphone plug (ø 3.5mm) into the headphone jack.
- The speakers are automatically disconnected when you plug in the headphones (not supplied).

#### **Using Microphone**

You can sing to a music source by connecting a microphone (ø 3.5mm) to the unit.

### **1** Connect your microphone (not supplied) to the MICROPHONE (MIC) SOCKET.

### **2** Play a music you want.

### **3** Sing along with the accompaniment.

#### **For your reference**

- You can record during using microphone.
  - Refer to the "Recording" explanation section.
- You can't record with microphone during normal speed or double speed dubbing.



#### **DUBBING**

This function shows how to record from tape to tape at normal speed or double speed.

### **1** Insert a playback tape to dub into TAPE B DECK and insert a blank tape into TAPE A DECK.

### **2** Press HI DUBBING (■ON/ ■OFF) button to select normal speed or double speed.

### **3** Press TAPE PAUSE (|| PAUSE) and RECORD (● REC) of TAPE A DECK.

### **4** Press TAPE PLAY [▶ PLAY or ◀ PLAY ▶ (LPX-M935A/X/S model)] of TAPE B DECK.

To stop dubbing, press TAPE STOP (■/ST) of TAPE A and B DECK.



You can preset 50 stations for FM, AM (MW) and SW (OPTIONAL). Before tuning, make sure that you have turned down the volume to the minimum.

### **Presetting the radio stations**

- 1 Press TUNER/BAND (unit or remote control) to select radio function.**  
Every time you press this button, FM and AM changes alternately.
- 2 Select a station you want by pressing TUNING (- / +) buttons.**  
**Tuning in manually**  
Press TUNING (- / +) briefly and repeatedly.  
**Tuning in automatically**  
Press TUNING (- / +) for more than 1 second.  
- Scanning stops when the unit tunes in a stations.
- 3 Press MEMORY.**  
A preset number will flash in the display window.
- 4 Press PRESET (▼ / ▲) on the unit or PRESET (▼ / ▲) on the remote control to select the preset number you want.**
- 5 Press MEMORY again.**  
The station is stored.
- 6 Repeat steps 1 (or 2) to 5 to store other stations.**

### **To delete all the memorized stations**

Press and hold **MEMORY** on the front panel for about two seconds, "DEL" appears in the display window and then press **MEMORY** again, the stations are deleted.

### **To recall presets**

Press **PRESET (▼ / ▲)** [unit] or **PRESET (▼ / ▲)** [remote control] until the desired preset number appears or press it repeatedly.

### **Listening to the radio**

- 1 Follow steps 1-2 as left side.**
- 2 Adjust the volume by pressing VOLUME (▼ / ▲) buttons [unit] or VOLUME (▼ / ▲) [remote control].**

### **To turn off the radio**

Press **POWER (STANDBY/ON)** to turn the unit off or select another function mode (CD, TAPE).

### **For your reference**

- **If an FM stereo broadcast is noisy**  
Press **MODE/RIF/REPEAT** so that "STEREO" disappears in the display window., but the reception will improve. Press **MODE/RIF/REPEAT** again to restore the stereo effect.

### **Note**

**Adjust the antenna to get more clear reception.**

- **AM antenna**  
This antenna is built within the unit and rotate the unit for better reception.
- **FM antenna**  
Pull the telescopic antenna out and adjust the angle and direction for better reception.

### **Basic Playback**

- 1 Press TAPE button to select tape function.**  
"TAPE" appears in the display window.
- 2 Open the cassette door by pressing TAPE DOOR OPEN (■/▲ST/EJ) button.**
- 3 Insert a cassette and close the TAPE door and then press TAPE PLAY [▶]PLAY or ◀PLAY▶ (LPX-M935A/X/S model)] button.**

### **To Pause Play**

Press **TAPE PAUSE (|| PAUSE)** button to pause.  
Press the button again to resume play.

### **To Stop Play**

Press **TAPE STOP (■/▲ST/EJ)** button to stop play.

### **To Play Rewind or Fast Forward**

After pressing **REWIND/ FAST FORWARD (◀◀ REW/ ▶▶ F.FWD)** button during playback, press **TAPE PLAY [▶]PLAY or ◀PLAY▶ (LPX-M935A/X/S model)]** at the point you want.

### **Continuous Play (LPX-M935A/X/S model)**

Insert a cassette into each deck and set to **■ ↔** or **■ ↷** by pressing **PLAY MODE** and then press **TAPE PLAY (◀PLAY▶)** and **PAUSE (|| PAUSE)** of TAPE B DECK.  
- After the cassette in the deck A is finished playback, the cassette in deck B is played automatically.

### **AUTO STOP (LPX-M930A/X/S model)**

After auto stop deck plays only front side, the unit stops automatically.

### **AUTO REVERSE (LPX-M935A/X/S model)**

Both sides of a cassette are played and stops automatically at the end of the tape or continuously.

### **To change the playback side**

Press **DIR ↔** button during playback.

### **To select play direction**

- Set to the **■ ↷** by pressing **PLAY MODE**.  
- Both sides of a cassette are played and stopped automatically at the end of tape.
- Set to the **■ ↔** by pressing **PLAY MODE**.  
- Both sides of a cassette are played continuously.

## **Basic Playback**

- 1** Press CD/MP3 button to select CD/MP3 function.
- 2** Press CD DOOR OPEN (▲) to open the disc compartment.
- 3** Load a disc with the printed side facing up and close the disc compartment.  
Audio CD: The total track number playing time will be shown in the display window.  
MP3 CD : The total number of files will be shown in the display window.
- 4** Press CD PLAY/PAUSE (▶||) button to begin play.

## **To Pause Play**

Press CD PLAY/PAUSE (▶||) button to pause during playback.

When a track is paused, "||" will appear in the display. Press CD PLAY/PAUSE (▶||) button again to resume play.

## **To Stop Play**

Press CD STOP (■) button during playback.

## **To Skip the Track**

- Press CD SKIP/SEARCH (▶▶▶▶) button to go to the next track.
- When CD SKIP/SEARCH (◀◀◀◀) button is pressed once midway through a track, the player returns to the start of that track. When it is pressed again, a track is skipped each time the button is pressed.

## **To Search the Track**

After pressing and holding CD SKIP/SEARCH (◀◀◀◀/▶▶▶▶) button during playback, then release at the point you want.

### **Note**

This function is not available to play a MP3 file.

## **To Repeat Play**

### **To play one track repeatedly**

Press MODE/RIF/REPEAT button (unit) or REPEAT button (remote control) once during playback.

- "REPEAT 1" appears in the display.

### **To play all tracks repeatedly**

Press MODE/RIF/REPEAT button (unit) or REPEAT button (remote control) button again during playback.

- "REPEAT ALL" appears in the display.

### **To cancel repeat play**

Press MODE/RIF/REPEAT button (unit) or REPEAT button (remote control) button once more during playback.

- Repeat indicator disappears.

## **To Program Play**

You can arrange the order of the tracks on the discs and create your own program. The program can contain up to 20 tracks.

- 1** Press PROG./SET on the stop mode.
- 2** Press CD SKIP/SEARCH (◀◀◀◀/▶▶▶▶) buttons to select the track.
- 3** Press PROG./SET
- 4** Repeat 1~3.
- 5** Press CD PLAY/PAUSE (▶||).

## **To check program contents**

Press PROG./SET on the stop mode.

- The track and program number will be displayed.

## **To clear program contents**

Press PROG./SET on the stop mode.

And then press CD STOP (■).

## **To add program contents**

1. Press PROG./SET repeatedly on the program stop mode until track number blinks.
2. Repeat 2~5 as above.

## **To modify program contents**

1. Press the PROG./SET to display program number you want to modify.
2. Repeat 2~4 as above.

### **Note**

In addition, this unit can play a CD-R or CD-RW that contains audio titles.

Wind the tape to the point recording starts. (Use only normal tapes.)

### **Basic Recording**

- 1** Select a function (TUNER or CD/MP3) you wish to record.
- 2** Open the cassette TAPE A and insert a blank cassette into the cassette compartment.
- 3** Press RECORD (● REC) button.  
TAPE PLAY (▶ PLAY) button is pressed automatically.
- 4** Start playing your CD/MP3 or TUNER (RADIO).

### **CD Synchronized Recording**

This feature automatically records an entire CD or programmed selection of tracks onto a cassette.

- 1** Press CD/MP3 button to select the CD/MP3 function.
- 2** Load a disc and insert the blank cassette into deck A  
If you wish to record a programmed selection of tracks, program them now

- 3** Press RECORD (● REC) button on the deck A
  - "SYNCHRO" indicator will be shown in the display window.
  - The synchronized recording is started automatically after about 7 seconds.

### **To pause recording**

Press TAPE PAUSE (|| PAUSE) button. Press TAPE PAUSE (|| PAUSE) button again to resume recording.

### **To stop recording**

Press TAPE STOP (■/ST) button.  
(Your cassette deck will automatically stop at the end of the tape.)

### **Note**

If you wish to record from the desired track, select the desired track with CD SKIP/SEARCH (◀◀◀ / ▶▶▶) button before commencing CD recording.

[General]	Power supply	Refer to the back panel of the unit.	
	Power consumption	30W	
	Mass	5.6kg	
	External dimensions (W x H x D)	283.2 x 231.6 x 247.8 mm	
	Output Power	5W X 2	
	Speakers	3.2Ω X 2	
	Battery Operation	DC 12V, eight "D"(R20) batteries (not supplied)	
[CD]	Frequency response	100 - 18000 Hz	
	Signal-to-noise ratio	60 dB	
	T.H.D	0.7 %	
[Tuner]	FM	Tuning Range	87.5 -108 MHz or 65 - 74 MHz, 87.5 -108 MHz
		Intermediate Frequency	10.7 MHz
		Antenna	Telescopic antenna
	AM (MW)	Tuning Range	522 - 1611 kHz or 530 - 1610 kHz
		Intermediate Frequency	450 kHz
		Antenna	Ferrite bar antenna
	SW (OPTIONAL)	Tuning Range	5800 -18000kHz
		Intermediate Frequency	450 kHz
		Antenna	Telescopic antenna
[TAPE]	Recording System	4 Tracks 2 channel stereo	
	Frequency Response	125 - 8000Hz	
	Signal to Noise Ratio	40/45dB (REC/PLAY)	

Designs and specifications are subject to change without notice.