

User's Manual

MP3 CD Player / FM Tuner

Model SMCD-100R (FM Tuner)
SMCD-100

MP3 CD Player / FM Tuner



DIGITAL AUDIO
MP3

Plays
**Windows
Media**

COMPACT
disc
DIGITAL AUDIO

FM
TUNER

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SF69-00233A

Thank you for your purchasing a MP3 CD Player.
Please read this User's manual before you use your MP3 CD Player.

SIFA MEDIA Co., Ltd.
www.safa.co.kr

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Feature

■ What's MP3 ? ■

MP3 implies Audio Data Compressed Technology of MPEG layer 3 format. The file of MP3 format can be played through this product by recording CD-R or CD-RW Disc using CD-Writer. The Extension is *.mp3 and even if file capacity is no more than 1/4~1/20 of general Audio CD, the quality of sound can be appreciated in the level of CD.

1. Ultra-Slim Design : Thickness 15.5 mm

2. Multi-Codec CD Player

Support various format up to MP3, WMA as well as Audio-CD.

3. Packet Write Disc Play

Packet Write is the supporting method so that RW-Disc can be used like a external hard drive. This product is able to read RW-Disc written as Packet Write Method, so it's very convenient to use.

4. Internal Charging Battery

Internal charging battery inside the player prevents inconvenience of frequent exchange of a flashlight battery.

5. ESP (Electronic Shock Protection)

The outer Shock to the product during Disc operation may pause the music, or even stops the operation itself in case of general players. But this product imports ESP function that makes it possible to play even under the continuous shock of 180 seconds at max.

6. FM Radio Reception Function

Auto-Scan & Frequency memory function will make it convenient to listen to FM.

※ But, there's no function for FM Radio reception in 'SMCD-100', so FM related function cannot be used.



Player Outside



1 2 3 4 5 6 7 8

1 OPEN [OPEN] OPEN

· Door open

2 MEMORY [Play/Pause] Play / Pause

· CD : Play/Pause
· FM : Stored channel
· Long pressed : Power On

3 [SCAN] Next / Back

· During CD playback : Next track /Previous track
· During FM radio reception : Frequency Down/Up

4 ST/MONO [Stop] Stop

· During CD playback : Stop
· During FM radio reception : Stereo/Mono conversion
· Long pressed : Power Off

5 CD/FM [10] +10

· During CD playback : +10 mode
· During FM radio reception: Stored channel searching
· Long pressed : CD/FM conversion

6 [VOL] Volume Up / Down

· Volume

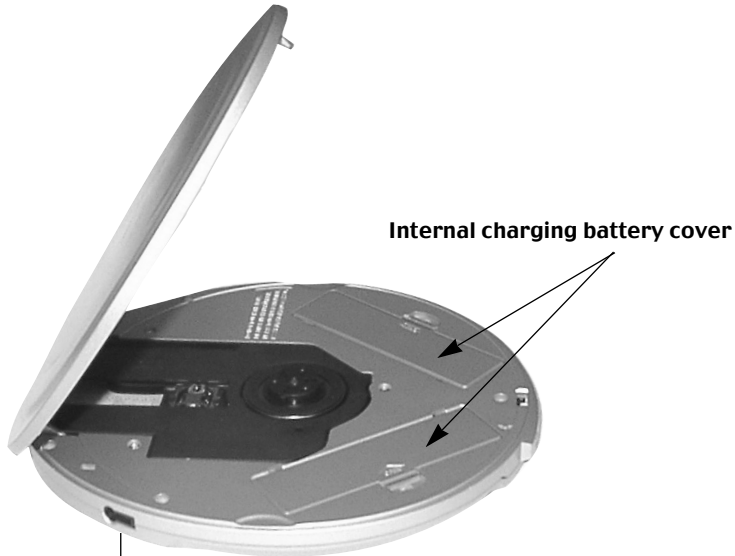
7 [Remote/Earphone] Remote controller / Earphone port

8 [Line Out] Line Out

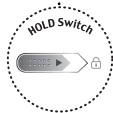
· Aux. connection port
· It is convenient to listen loudly by connecting to other Amplifier.



Player Inside



Internal charging battery cover



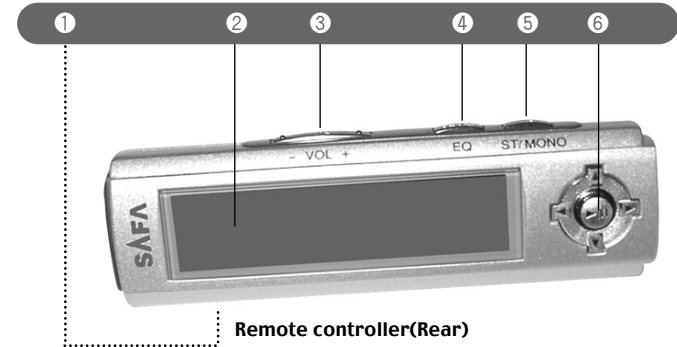
HOLD SWITCH (Player Rear)

DC IN 5V
EXT BATT

AC adaptor port/External battery port



Remote controller



Remote controller(Rear)

1 HOLD Switch

2 LCD Screen

3 VOLUME Up/Down · Volume

4 MENU · Long pressed : Menu Function
· Short pressed : EQ mode selection

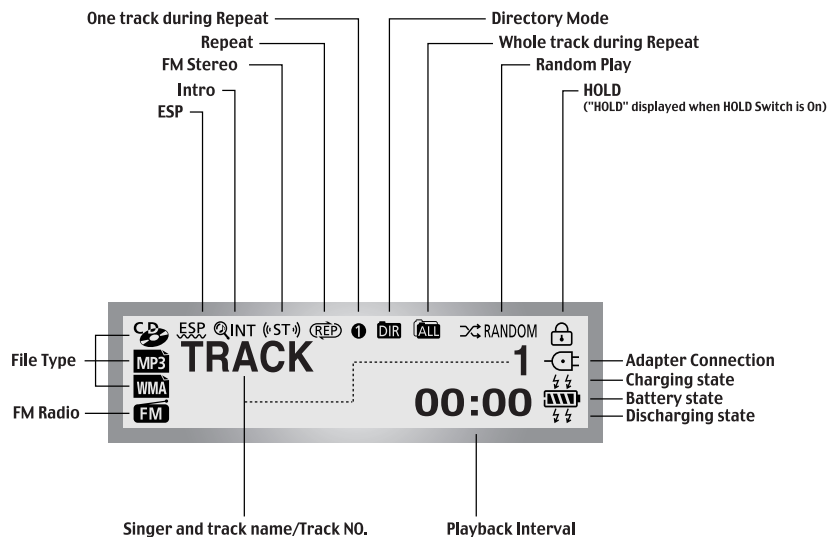
5 STOP · During CD playback : Stop
· During FM radio reception : Stereo/Mono conversion
· Long pressed : Power Off

6 Multi Function Switch

Button					
Function	-Long pressed:On	-Long pressed:CD/FM conversion	-CD:Long pressed(ESP On/Off)	-CD:Previous track, Fast REW	-CD:Next track, Fast FF
	-CD:Playback/Pause	-MP3/WMA:Upper track selection	-MP3/WMA:Lower track selection	-MP3/WMA:Move to upper folder	-MP3/WMA:Move to lower folder
	-FM:Channel/Store	-FM:Stored channel searching	-FM:Stored channel searching	-FM:Frequency Down	-FM:Frequency Up



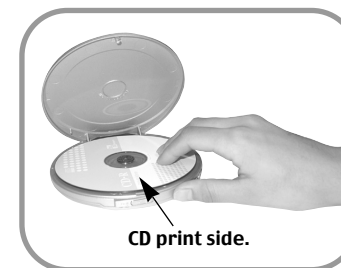
Remote controller LCD



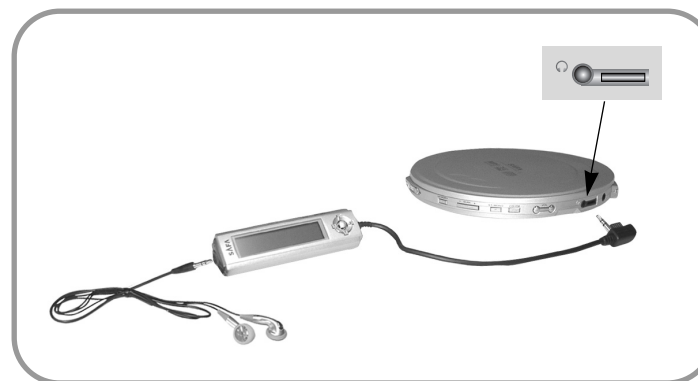
Basic operating

The manipulation on Remote controller is firstly described in this manual. We attached the manipulation on the main unit in the (brackets), so please don't take it wrong during manipulation.

1. Open the door by pushing **OPEN** button of the player to the right, put the desired Disc on the turntable with print side upward, then close the door.



2. Connect Remote controller and Earphone as the picture below.





Basic operating

3. Place the HOLD switch on the bottom of the player and remote controller in the released position.



※ If turning power on the player with the HOLD switch in the LOCK mode, the power will be automatically off in 10 seconds. (If releasing the HOLD switch within 10 seconds, then it will be normally operating.)

4. To Playback

Press the (MEMORY) button ⇒ ⇒ then the first track will be played with the LCD screen appeared as shown in the picture.

5. To Pause

Press the (MEMORY) button during playback ⇒ then playing time will be flickering on the LCD screen and the music in playing will be paused. Press the MEMORY button again to return to playback.

※ If there's no input for 3 minutes in the PAUSE mode, the power will be automatically off.

6. To Stop

During playback, press the (ST/MONO) button. ⇒ then the music in playing will be stopped with the LCD screen appeared as shown in the picture.

[If press the (ST/MONO) button longer during playback, it will be switched to]

※ If there's no input for 3 minutes in the STOP mode, the power will be automatically off.



Basic operating

7. Previous Track (Fast REW) / Next Track (Fast FF)

Push the button in the direction of or , then the Previous track (Fast REW)/Next track (Fast FF) will be played as the picture below.



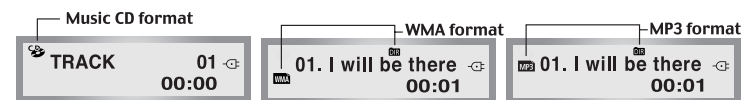
※ Press the REW/FF button longer for speed search.



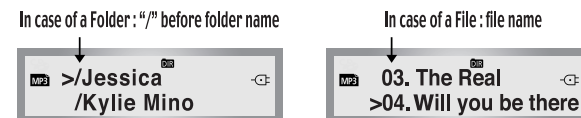
Note



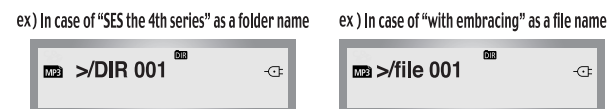
Remote controller LCD Screen Display according to the kind of a file recorded on Disc



Sorting a Folder and a File in case of MP3, WMA format for the file recorded on Disc



LCD Screen Inscription in case of including characters except English as a folder name or a file name



※ This product is supported only by English. In case of including characters except English, it will be displayed as the picture above.



Searching a music

※ **Operating only on Disc manufactured by MP3, WMA format.**
To search a music on Disc manufactured by MP3, WMA format recorded with various music under each folder in several folders, use as follows.

Method for Search (In the STOP mode)

1. Push the button in the direction of or () (Push the button): folder or file movement



※ **In the direction of : In case there's another folder in a folder, it'll move to "lower folder"**

2. Push the button in the direction of or : Folder (upper/lower) or File Search.



3. Push the () button: Playback of selected music.



Directory mode & File mode

※ **Operating only on Disc manufactured by MP3, WMA format**

There're both directory mode and file mode for displaying the List of music in CD. This product is based on the Directory Mode, but if you want to use it in a File Mode, convert it as follows.

Conversion (In the STOP mode)

1. Press the button shortly.
- Directory mode: Display in turn binding folder and file recorded on Disc in a folder.



- File mode: Display only file in turn without sorting folder.



Program mode

Program Mode is convenient to listen to the desired music and Max. 99 songs can be selected.

Program Memory (Initial state)

1. Press the button longer.
 2. Select by pushing the button in the direction of or , and then press the () button.
 3. Select by pushing the button in the direction of or , and then press the () button.
 4. List of music in CD will be displayed. (Music in playing will be automatically stopped.)
-
5. Select the desired music or folder by pushing the button in the direction of or or .

<ex: In case of a file>

Select the file (01. Baby one more time) by pressing the () button.

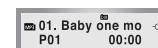


The music (01. Baby one more time) will be registered on the Program 01.

※ It will be changed to original file name after displaying for 2 seconds with programming. Set up the desired music in turn as the same way above.

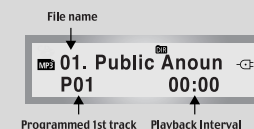


List programmed will be displayed after exit by pressing the button three times.



The music will be played in the order of programmed music by pressing the () button.




Display of Remote controller LCD during playback after program setup






Program mode

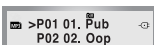

<ex: In case of Folder>

 Select the Folder of 'Jessica' by pressing the  () button.






 18 songs in the folder of 'Jessica' will be programmed.
 ※ It will be changed to original folder name after displaying for 2 seconds with programming. Set up the desired music in turn as the same way above.






 Exit by pressing the  button three times. The List of programmed songs will be displayed.



 The music will be played in the order of programmed music by pressing the  () button.






To Add Music (In the STOP mode)

1. Select the "ADD" in the bottom by pushing the  button in the direction of  or  in the STOP mode.



2. If the desired file name (song name) to be repeatedly registered is programmed as described in No.5 of page 11, it'll be added.

To Delete programmed music one by one (In the STOP mode)





1. Press the  () button after selecting the file to be deleted by pushing  button in the direction of  or  in the STOP mode. Then the file will be deleted one by one as the picture below.

 → 



Program mode




To Delete all programmed music (In the STOP mode)

1. Select "Delete All" in the bottom by pushing  button in the direction of  or  in the  mode.

- ※ Search only the music in the Program List when Back/Next during Program playback.
- ※ Intro the music in the Program List when Intro in the Program Mode.
- ※ Retreat the music in the Program List when Repeat in the Program Mode.
- ※ Shuffle the music in the Program List when Shuffle in the Program Mode.
- ※ Keep the Program Mode if it goes to Menu → Play Mode → Program in the Program Mode.



+10/-10 mode

+10 mode

The music after 10 songs will be played by pushing (pressing) the  button in the direction of  () during playback.

 → 

-10 mode (Remote controller only)

The music before 10 songs will be played by pushing (pressing) the  button in the direction of  during playback.

 → 

- ※ Operating only in the general music CD



ESP(Electronic Shock Protection)

Outer shock to the player may cause sound bouncing or stop playing. ESP is the function that makes it normally play even if there's outer shock.

ESP Setting

1. Release the ESP function by pushing the button fully in the direction of during playback. Push the button fully in the direction of for operating ESP function again.



- * Operating only in the general music CD.
- * ESP function will be recovered by turning power off or opening the cover.
- * The sound will be stopped about for 3 seconds when function is converted during playback.

Repeat

Only desired music can be played repeatedly.

Repeat Setting

1. Press the button longer during playback.
2. Select by pushing the button in the direction of or , then push the button.
3. Select by pushing the button in the direction of or , then push the button.
4. Select one from the following modes by pushing the button in the direction of or , then push the button.

		Release the Repeat Mode
		To listen to one track only repeatedly.
		To listen to all tracks stored in the directory repeatedly
		To listen to all tracks stored in CD repeatedly.

* Turn power off or open the cover to release the Repeat mode.



Intro

It is the convenient function that plays the music in CD for 10 seconds, which makes it possible to search the music with listening to it.

INT Intro Setting

1. Insert the desired CD.
2. Press the button longer.
3. Select by pushing the button in the direction of or , then push the button.
4. Select by pushing the button in the direction of or , then push the button.
5. Select one from the following modes by pushing the button in the direction of or , then push the button.

		Release the Intro Mode.
		Playback for 10 seconds from the beginning of each track.
		Playback for 10 seconds from one minute for each track.

- * If pressing the button in the Intro mode, corresponding track will be keep played and Intro mode will be released.
- * In case that the Intro mode is released.
 - ▶ When turning power off or opening the cover during playback
 - ▶ When converting to FM during playback.
 - ▶ When pressing the
 - ▶ When completing the Intro mode to the end.

Resume

The following functions preserve the previous operation status after you turn off and on again, or switch CD/FM.

Function	Operation
CD playback time	It plays automatically at the last playback time.
Program function	It maintains the previous setup status.
FM frequency	It maintains the previous frequency.
EQ /Volume	It turns on at the last adjusted point.

* CD playback time is not maintained when you open the door and close it again.





Random

To play the music in CD in random order.

Setting Random

1. Insert the desired CD.
2. Press the button longer.
3. Select by pushing the button in the direction of or , then push the button.
4. Select by pushing the button in the direction of or , then push the button.
5. Select one from the following modes by pushing the button in the direction of or , then push the button.

		Release the random mode
		Stop after playing all the music in the directory in random order.
		Stop after playing all the music in CD in random order.

※ If turning power off or opening the cover during playback, Random mode will be released.



Search/Scan

CD manufactured in the MP3, WMA format can store max. 999 songs. Therefore it may take long time for search.

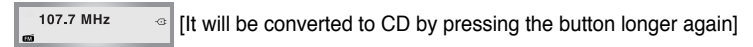
When pushing the button in the direction of or () longer (press longer), it will work with Search Mode (fast FF / fast REW), but when pushing it before the playing time is "00:01", Scan Mode (Speed search for Next/Previous track) will be operated, so fast search will be available.



Basic operating for FM radio

1. When listening to CD ...

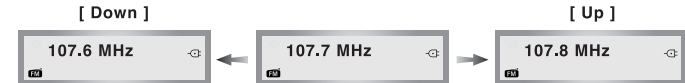
Convert to FM Mode by pushing the button longer (press longer) in the direction of ().



2. Select the desired channel.

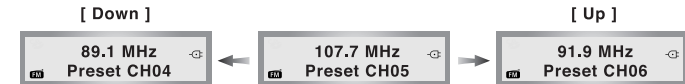
Method 1.

Frequency will be Down/Up by pushing the button in the direction of or (), and Auto Scan will be operated Down/Up by pushing the button longer (press longer), then it will stop at the channel found.



Method 2.

The stored channel will be searched Down/Up by pushing the button in the direction of or .



- ※ Refer to the next page for storing channels.
- ※ Not operating in case that channel is not stored.

Method 3.

The stored channel will be searched Up by pushing the button on the CD player.



Basic operating for FM radio

3. (ST/MONO) Button

Stereo/Mono will be converted each other by pressing the above button.
When the reception condition is poor, Mono will be the right choice for better condition.

[Stereo]



[Mono]



Memory

Manual Memory

1. Push the button after selecting the desired channel by pushing the button in the direction of or .



2. Select the address to be stored using the or button.



3. Selected channel will be stored by clicking the button.

※ The desired channel will be stored up to max. 20 by repeating the No. 1, 2 above.

Automatic Memory

1. Receivable Channels will be automatically stored by pushing the button longer.

※ Note that this function will delete all stored channels, then store new ones again.
※ Channels may partly not be stored in the area of poor reception.

Volume Up/Down

1. Press the (VOL) button shortly: Volume will be Up/Down by one level.

[Down]



[Up]



2. Press the (VOL) button longer: Volume will be Up/Down fast.

EQ mode

EQ Mode Selection: Can be controlled only by Remote Controller

1. Whenever pressing button, it will be converted as follows.



Scroll/Shift

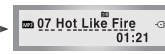
When the number of characters displayed on the LCD is over 12 characters (including spacing words), character will be scrolled or shifted to the left for displaying the characters after 13th character.

Scroll Speed: Can be controlled only by Remote Controller

1. Press the button longer.
2. Select by pushing the button in the direction of or , then push the button.
3. Select by pushing the button in the direction of or , then push the button.
4. Select one from the following modes by pushing the button in the direction of or , then push the button.



Characters will be moved to the left slowly as if sliding.




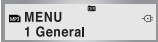













Characters will be moved to the left by one space.



Sleep mode

This Mode will automatically turn Power Off if a certain time is passed during operation.

Time Setting: Can be controlled only by Remote Controller
















1. Press the  button longer.
2. Select  by pushing the  button in the direction of  or , then push the  button.
3. Select  by pushing the  button in the direction of  or , then push the  button.
4. Select one from the following modes by pushing the  button in the direction of  or , then push the  button.

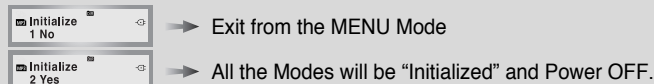


Initialize mode

This Mode will return all modes to the state of shipping the product.

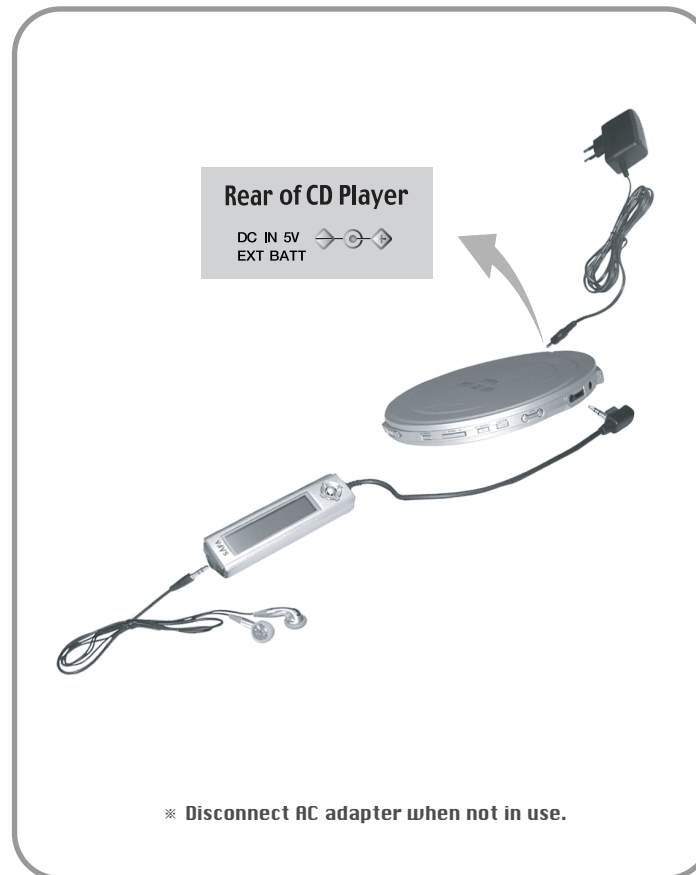
Initialize Setting: Can be controlled only by Remote Controller

1. Press the  button longer.
2. Select  by pushing the  button in the direction of  or , then push the  button.
3. Select  by pushing the  button in the direction of  or , then push the  button.
4. Select one from the following modes by pushing the  button in the direction of  or , then push the  button.



AC adapter

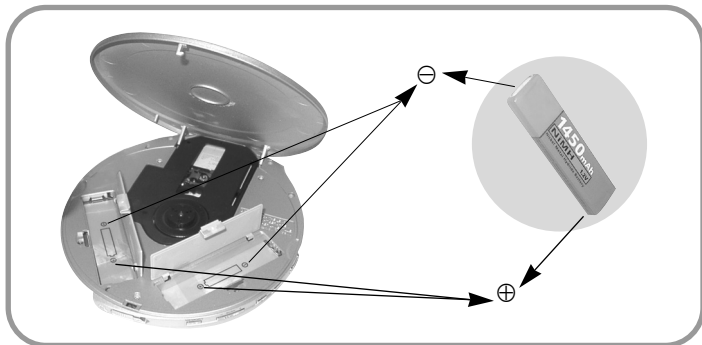
1. Attached AC adapter should be used for the safety in use.
2. Attached AC adapter can be used at 110 ~ 220 V.
3. Connect adapter as shown in the picture.





Rechargeable Battery

1. Open the cover of the player, and then open the battery cover.
 2. Insert the attached two rechargeable batteries in the correct position of the polarity +, -, then close the battery cover.
- ※ Note that if the polarity is placed incorrectly, rechargeable battery can be damaged.
3. Connect AC adapter, and use it after charging.



Charge/Discharge (Operating only when AC adapter is connected and Rechargeable Battery is inserted)

1. Press the **EQ** button longer.
2. Select **MENU 1 General** by pushing the **▶||** button in the direction of **▲** or **▼**, then push the **▶||** button.
3. Select **General 3 Charge** by pushing the **▶||** button in the direction of **▲** or **▼**, then push the **▶||** button.
4. Select one from the following modes by pushing the **▶||** button in the direction of **▲** or **▼**, then push the **▶||** button.

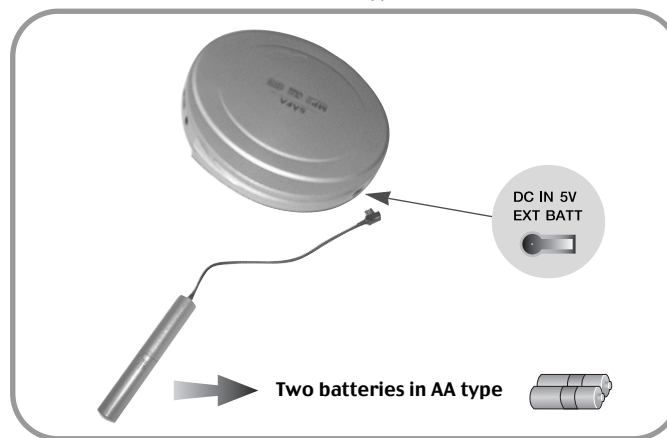
Charge 1 Exit	→ Charge/Discharge Mode Release
Charge 2 Charge	→ Takes about 6 hours (Based on a full "Discharge" condition)
Charge 3 Discharge	→ Takes about 7 hours (Based on a full "Charge" condition) If "Discharge" is completed, it will automatically begin to recharge, and if "Charge" is completed, the mode will be released.

Rechargeable Battery

- ※ If you press the power switch to turn off when charging/discharging function is adjusted, it does not power off immediately and displays as below;
- ▶ If you press the power switch to turn off while charging : "Charge" message will blink.
 - ▶ If you press the power switch to turn off while discharging : "Discharge" message will blink.
- ※ When the charging process is completed, the power will be turned off automatically. To turn off the power when "Charge" or "Discharge" is displayed, turn on the power, cancel charging/discharging function, and then turn off the power.

External Battery Pack

1. Equip the attached battery pack as shown in the picture.
2. Two Batteries will be used in the "AA" type.



※ Caution

- ▶ Manganese battery has a shorter life than Alkaline, so it is recommended to use Alkaline battery if possible.
- ▶ Don't use together with used battery and new one.
- ▶ Don't use together with different kinds of battery.
- ▶ Keep the battery separately from the player if not in use long time.
- ▶ If there's a leak from the battery, wipe the point of contact to the battery, and then replace it with a new battery.



Troubleshooting

※ If there are any abnormal conditions, check the following first.

Symptom	Suggested Action
No Power On	<ul style="list-style-type: none"> ▶ Incorrect Polarity ▶ HOLD switch of the player or remote controller turned ON ▶ Door Unclosed ▶ Battery Uncharged.
No play or "NO DISC" displayed on the LCD	<ul style="list-style-type: none"> ▶ Format not supported →This product supported only by CD-DA, MP3, WMA format. ▶ CD scratched or dirty →Wipe CD with a soft cloth ▶ Print side of CD not upward. ▶ Lens stained with alien substances →Wipe Lens with a soft cloth carefully (Wipe strongly can peel the coating of lens) ▶ Moisture on Lens (When moving from cold to warm place) →Wait a minute for use ▶ Deflection between CD-RW Recorder and CD →Record in the low speed again ▶ Whole format needed for Packet Write Disc
No Sound or Noisy Response	<ul style="list-style-type: none"> ▶ Volume set to "0" →Set the Volume properly ▶ Terminal of earphone, remote controller not well contacted, or alien substances adhered to the terminal. →Wipe it cleanly ▶ Data damaged in case of MP3, WMA format. ▶ Constant shock to the player →Use it in no vibration place



Troubleshooting

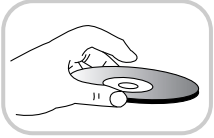
※ If there are any abnormal conditions, check the following first.

Symptom	Suggested Action
AC adapter not working	<ul style="list-style-type: none"> ▶ Voltage should be at 110-220V →Confirm if input voltage is correct. ▶ DC terminal connected incorrectly, not to input terminal
Remote Controller not working	<ul style="list-style-type: none"> ▶ HOLD switch of remote controller turned ON ▶ Remote controller terminal not properly connected
Short time for Battery use	<ul style="list-style-type: none"> ▶ Not fully charged ▶ Not recharged after discharged more than once a month
Abnormal Characters on the LCD	<ul style="list-style-type: none"> ▶ In case that the character recorded on Disc is not English (This product supported only by English)
Radio Reception, Noisy and broadcasting not well received	<ul style="list-style-type: none"> ▶ Electric appliance around the player →Keep it away from the player for better reception ▶ Try to change the location of the player and remote controller here and there till the receiving condition is found better. ▶ Remote controller not connected →It should be connected to play as an antenna during radio listening ▶ A blanket area (In the region of poor reception)
Unable to Charge	<ul style="list-style-type: none"> ▶ adapter not plugged correctly

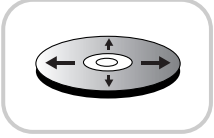


Caution

Caution with Disc



- ▶ **Hold the Disc to be untouched on the playing side.**
Silver side (with no characters) is the playing side.



- ▶ **Disc Cleaning**
Don't clean the Disc if possible.
But if it's inevitable, wipe it with a soft cloth in the direction of the arrow as indicated in the picture.



- ▶ **Don't attach paper, etc on the playing side.**
Be careful not to scribble or scratch also on the rear (with characters).



- ▶ **Don't use any chemicals such as Cleaner for LP Disc including Benzene, or static electricity preventer, etc to wipe the Disc.**

For Safety

- ▶ When spilling some materials or liquids into the player, stop using and unplug for check by engineer.
- ▶ Don't put any alien substances into DC IN 5V(External Power input) jack.
- ▶ Use the AC Power adapter followed by the player for the electric safety.



Caution

Main unit of CD Player

- ▶ The CD Player should be kept so that it is isolated from hot place, direct light, dust, sand, humidity, rain, vibration and slope, or should not leave it in a car with windows closed.
- ▶ Don't touch the lens of the player to get dirty.
The player with scratch on lens may not be normally operated.
- ▶ Don't put heavy materials on the player.
It may damage the product and CD.
- ▶ The product should not be wrapped with a cloth or a blanket since it may cause breakdown or serious accident.

Headphone / Earphone

- ▶ **For Safety in Transportation**
Don't use headphone or earphone during on a bicycle, car, motorcycle, etc.
This may be illegal in some areas as well as dangerous.
Also, it will be dangerous when using it in a pedestrian crossing even during walking.
- ▶ **For Protection of Hearing**
Don't use headphone/earphone in a large volume. Specialists indicate the dangerous point when hearing in a large volume for a long time.
If there's an echo sound inside ear, turn the volume down or stop using.



Notes

- In case that there's a damage from dust, scratch on CD, the sound may be bouncing or ceased.
- In case that it's impossible to read due to the damage of a file, the relevant part will be skipped, and if it's continuously impossible to read, then it will go over to the next track.
- Only in case that the extension of general music CD & a file is MP3, WMA, ASF (Provided ".ASF" format is partly supported.), it's available for playback.
- Files in each folder are arranged in Alphabetical order or in Ga, Na, Da... order, the number is assigned as the order arranged. The desired music can be simply searched by using Intro mode.
- It may not read unsupported format disc and poor recorded disc.
- Music information indicated during playback is the information in a file name or on ID3 Tag.
- In case of CD-TEXT Disc, only the music title in TOC area will be displayed.
- When equipping External battery, playback standard for MP3/WMA is max. 23 hours.
- The indication of Battery Capacity depends on the kind of battery or motion mode (CD/FM/charge).

Check the components



Remote controller



Rechargeable Battery



Earphone



User's Manual



AC adapter



Portable Bag



External Battery Pack





Specifications

Category	Item	Specifications
Audio	NO. of Channels	Stereo (L, R)
	Frequency Range	20Hz ~ 20KHz±3dB (Lineout)
	Headphone Output	L 10mW + R 10mW : (16Ω Max Volume)
	Lineout Level	0.4V rms : (47KΩ)
	S/N Ratio	Over 90dB
Audio (FM TUNER)	Frequency Range	87.5MHz ~ 108MHz
	Headphone Output	L 10mW + R 10mW : (16Ω Max Volume)
	Lineout Level	0.4V rms : (47KΩ)
	S/N Ratio	Over 55dB
CD Support	CD Type	CD-DA (8cm/12cm) CD-ROM Mode 1, Mode 2 From 1 Enhanced CD, CD-Plus
	CD-R/W Readability	Packet-Write, ISO9660, Joliet Mult-Session
File Support	File type	MPEG 1/2/2.5 Layer 2/3, WMA, ASF
	Bit Rate	8Kbps ~ 320Kbps Supported
	Tag	ID3 V1 Tag, ID3 V2 2.0, ID3 V2 3.0, ID3 V2 4.0
Power Supply	AC adapter	DC 5V(Constant Voltage Type)
	Rechargeable Battery	Ni-MH(1.2V) Rechargeable Battery 2EA
	External Battery Pack	1.5V AA Battery 2EA
General	Dimension	128(W) × 143(L) × 15.5(H)mm
	Weight	149g (Excluding Battery)
	Operational Temperature	0°C ~ 40°C