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SAMSUNG
ELECTRONICS

AH68-01218Q

SAMSUNG

Portable MP3-CD Player
MP3-CD, WMA-CD, CD-DA Playback
MCD-HF920

Instruction Manual

RADIO FM MP3 DIGITAL DISC PLAYBACK Plays Windows Media™ COMPACT diSC DIGITAL AUDIO

Main Features

♪ MENU function

You can easily customize the settings to your liking.

♪ FM Radio Reception

You can listen to FM radio using various functions such as automatic tuning, preset FM stations, etc.

♪ Last Memory function
(MP3(WMA)-CD Only)

The Last Memory function allows you to listen to a song from the start of the track that you listened to.

♪ NAVIGATION function

You can easily scan and select a file on an MP3(WMA)-CD.

♪ ESP function

The ESP function ensures high resistance to shock or vibration so that the sound signal remains undisturbed.

♪ Album function
(MP3(WMA)-CD Only)

The Album function allows easy browsing and searching of your favorite tunes by album name, song title and artist.

What is MP3?

MP3 means MPEG1 Layer 3, the global standard for audio signal compression technology. It uses digital compression technology to compress original sound data by up to 12 times without sound quality degradation.

What is WMA?

WMA (Windows Media Audio) is a file format, created by Microsoft, that offers a higher compression rate and just as good sound quality as MP3.
Typical MP3 files are about one-tenth the size of the original, whereas WMA files are about half the size of standard MP3.

Contents

Safety Warning

Take care not to allow dust or other contaminants to come into contact with your player.

Do not apply heavy pressure to the player.

Do not leave your player in direct sunlight or near a heat source.

Do not put anything other than a CD (CD-R or CD-RW) inside your player.
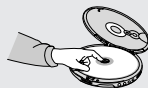● Such actions will damage your player.

Do not use broken or scratched MP3 CDs.

Do not use your player on uneven or unstable surfaces.
● Your player may not operate properly.

Unplug the power cord when not using the player for long periods of time.

Do not touch the AC Adaptor with wet hands when it is plugged in.

Avoid places of low temperature (below 41°F) or high temperature (above 95°F).

Do not touch the lens with your finger or scratch it.
● Your player may not operate properly.

Do not place your player in a dusty or humid location.

Do not attempt to take apart, repair or modify your player.
● Such actions will damage your player.

Headphones

Road safety
● Do not use the headphones while riding a bicycle, driving any kind of motor vehicle or motorcycle.
  This is very dangerous and is illegal in certain regions.
  It is dangerous to listen to headphones at high volume while crossing roads.

In order to protect your hearing
● Do not wear the headphones with the volume set too high.
  Doctors state that listening to music at high volume for prolonged periods is harmful to hearing.
● If you experience a ringing in your ears, reduce the volume or stop listening.
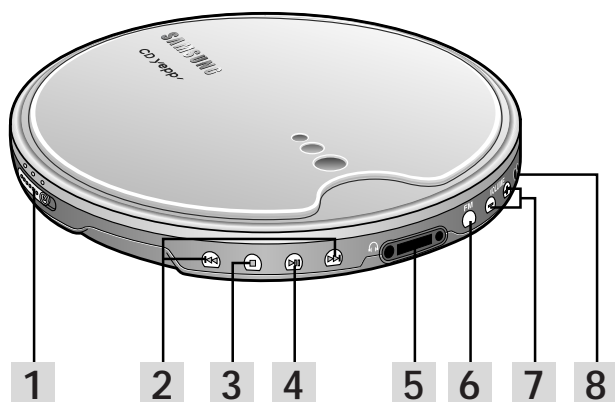
Ambient operating conditions

● Ambient temperature : 5°C~35°C (41°F~95°F)
● Humidity : 10~75%

Environmental information

● Your unit consists of materials which can be recycled if disassembled by a specialized company. Please observe local regulations regarding the disposal of packing materials, exhausted batteries and old equipment.

Buttons and Controls

1.	Open switch	5.	Remote control Connection jack
2.	Skip/Search buttons	6.	• FM button • ST/Mo button
3.	Stop (■) button	7.	Volume button
4.	Play/Pause (▶II) button	8.	AC Adaptor & External Battery Pack Connector

Bottom of the Main Unit

HOLD switch
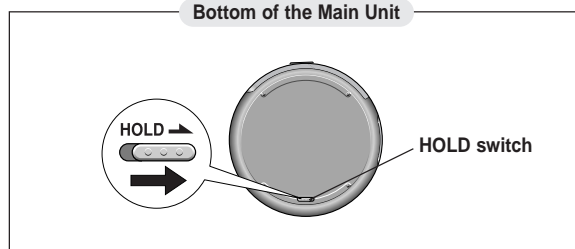
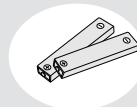## Accessories

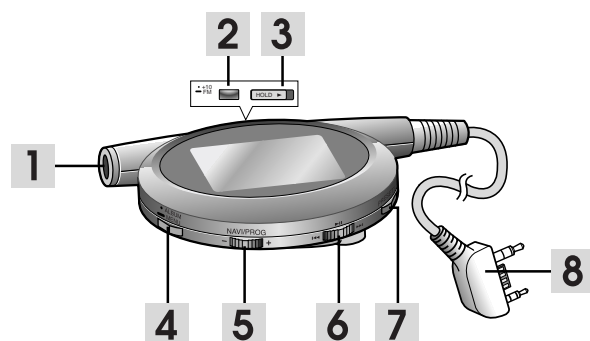| (AH59-01138A) Remote Control	(AH59-01152A) Over-the-Ear Headphones	(4302-001089) Rechargeable Batteries (Ni-MH: 1350mAh 1.2V) x 2	(AH44-00023J) AC adaptor (DC 4.5V, 500mA)	(AH61-01203A) External battery pack

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Buttons and Controls

1. Headphone Connection jack

2. • FM button
• ST/MO button
• +10 button

3. HOLD switch

4. • ALBUM button
• MENU button

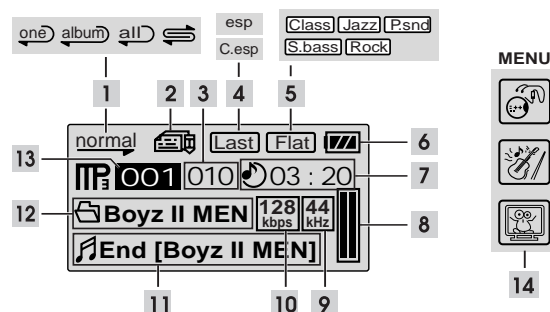**5.** • NAVI/PROG button
• Volume button

6. • Play/Pause button
• Skip/Search button

7. • STOP button
• PRESET button

8. Main Unit connection jack

Display

The picture of the display panel below is based on MP3-CD playback.

MENU

1. Playback or Repeat Mode indicator

2. Program Indicator

3. Track Number indicator

4. • Last Memory Indicator
(for MP3 or WMA CDs)
• esp/C.esp Indicator
(for standard Audio CDs)

5. Eq Mode Indicator

6. Remaining Battery Power indicator

7. Play time indicator

8. • L/R Channel Level Indicator
• Anti-Shock Time Buffer Level Indicator

9. Sampling Frequency Indicator

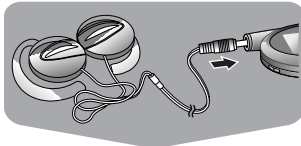**10.** Bit rate indicator

11. Title indicator

12. Album Name indicator

13. Album Number indicator
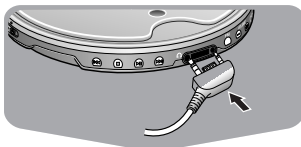
14. Menu icon

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Preparation before using your unit

How to Connect
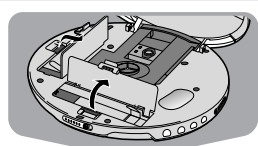
1 **Connect the headphones to the remote control.**

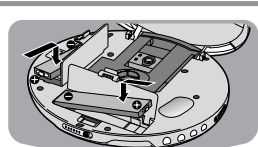**2** **Connect the main unit connection jack to the main unit.**

Using rechargeable batteries

1 **Open the cover of the battery compartment.**

2 **Insert the rechargeable batteries into the battery compartment.**

• Carefully check the correct orientation of the positive and negative terminals of the battery.

3 **An AC adaptor must be connected to the AC outlet and power input.**

• Charging of the rechargeable batteries will commence.

➢ **AC adaptor :** DC 4.5V, 500mA

Wearing headphones

45°
Hanger

• Push the ear hangers in the direction of the arrow.
• Place the ear hangers over your ears as shown in the picture and then push the caps close to your ears.
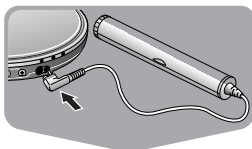
Note
• **Time taken to fully charge the batteries :** 10 hours
• **Battery life of fully charged batteries**
  MP3-CD : 11 hours 30 minutes max.
  CD : 6 hours 30 minutes max (when Anti Shock 160 seconds is on)
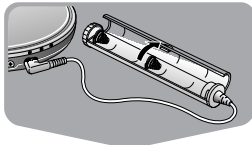
9

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Preparation before using your unit

Using standard batteries (not supplied)

1 Attach the external battery pack as shown in the picture.

2 Open the cover of the battery compartment.

3 Carefully check the correct orientation of the positive and negative terminals of the batteries.
- Use two AA/LR6 type 1.5 V batteries.
➤ Use two AA/LR6 alkaline batteries.
  Manganese batteries have a shorter battery life.

Battery Life (Using alkaline batteries)

	Rechargeable Batteries	Rechargeable Batteries + Battery Pack (type AA/LR6)
MP3(WMA)-CD	11 hours 30 minutes	26 hours
CD(when Anti Shock 160 seconds is on)	6 hours 30 minutes	14 hours

- The battery life-time is based on continuous use.
- These AA batteries are alkaline batteries.

Time for Battery Replacement
- Replace the batteries if the remaining battery power indicator " 🔲 " flashes.
- When the radio function is enabled, the remaining battery power will indicate " 🔲 ".
- Even though the remaining battery power indicator " 🔲 " may be flashing, if the batteries have already expired, the LCD remote control will not be lit.
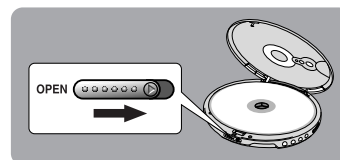
◄ Warning
- The external battery pack cannot charge, as it does not have the capacity to charge.
- Do not mix old and new batteries.
- Remove the batteries if they will not be used for a long time.
- Remove the standard batteries when you use an AC adaptor.
- Standard batteries cannot be recharged.

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CD Playback

1 Slide the OPEN button to open the door.
Insert a CD.
- Push the door to close it.

OPEN

2 Press the Play/Pause (▶II) button.
- Once the CD is recognized, playback commences.

normal   esp Flat 🔋
01 🕐 **03 : 20**
CDDA   Disc
Track Number Indicator   Playtime Indicator
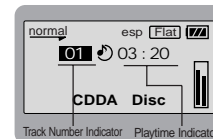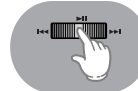
3 To stop playback, press the Stop (■) button.
- Press the Stop (■) button again to switch off the unit.
- The power will automatically switch off after 15 seconds, even if you do not press the Stop (■) button.

PRESET/ ■

To temporarily pause playback

Press the Play/Pause (▶II) button.
- Playback will be temporarily suspended.
- Press the Play/Pause (▶II) button again to resume playback.
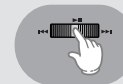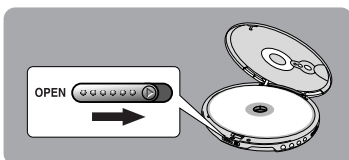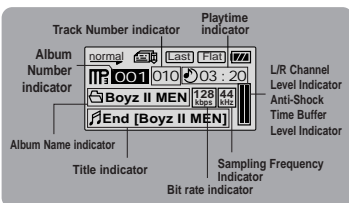
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MP3(WMA)-CD Playback

1 **Slide the OPEN button to open the door, and insert an MP3(WMA)-CD.**
- Push the door to close it.

OPEN

2 **Press the Play/Pause (▶II) button.**
- The inserted MP3(WMA)-CD will be scanned for about 30~90 seconds. Playback will then commence.
- ➤ Your CD Player will take a few moments to scan through all the tracks and the sessions recorded on a MP3(WMA)-CD.

Track Number indicator | Playtime indicator

normal | Last | Flat
Album Number indicator
001 010 03 : 20 L/R Channel Level Indicator
Boyz II MEN 128 kbps 44 kHz Anti-Shock Time Buffer Level Indicator
End [Boyz II MEN]
Album Name indicator
Title indicator | Sampling Frequency Indicator
Bit rate indicator

3 **To stop playback, press the Stop (■) button.**
- Press the Stop (■) button again to switch off the unit.

PRESET/ ■

Note
- **If a music file is corrupted and a particular section cannot be read, only that section will be skipped. But if the file continues to be unreadable, the player will skip to the next file.**
- **Files that do not conform to specifications (refer to P. 34) will be skipped.**
- When the OPEN switch is slid to open the door, playback will stop.
- The quality of MP3(WMA)-CD playback may vary depending on the condition of the disc containing the music files or the condition of the recorder with which the disc was created.
- If different types of files or unnecessary folders are on the same disc, you will have problems with playback.

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Skip/Search function

Skip

Press and release the I◀◀ or ▶▶I button during playback of a CD.

(Slide the I◀◀ or ▶▶I to the left or right on the remote control.)

- Press the ▶▶I button to play the next track. Press the I◀◀ button to go back to the beginning of the current track. (Briefly press the I◀◀ button twice to repeat the previous track).
- Press the ▶▶I button while the unit is in "Stop" (no playback) mode. Track 2 will be played back. Press the I◀◀ button to play back the previous song.
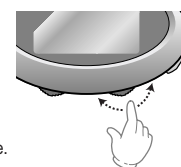
Main Unit
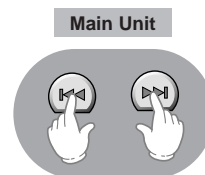
Search

Remote Control

**Press and hold the I◀◀ or ▶▶I button during playback of a CD.**

(Slide and hold the I◀◀ or ▶▶I to the left or right on the remote control.)

- Press and hold the I◀◀ or ▶▶I button. The CD will playback in fast forward or fast reverse mode.
- Release the button to return to normal playback mode.

HOLD function

- Buttons pressed during CD playback will not function. (On the display, the "Hold" indicator will flash.)
- Use the HOLD function when carrying your CD Player around with you. Use of this function will allow you to conserve battery life as it prevents the CD Player from being turned on unintentionally if a button is pressed.
- The remote control will still operate while the HOLD function on the main unit is active.
- The main unit will still operate while the HOLD function on the remote control is active.

Bottom of the Main Unit

HOLD

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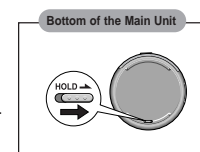
Menu function

You can customize the settings to your liking.

• Menu Structure

```
              Menu
   ┌───────────┼───────────┐
 SYSTEM       MODE       DISPLAY
MP3 Album     ALL Eq     MP3 ID3 Tag
   |           |            |
MP3 Last      ALL Repeat  MP3 Scroll
    Memory     |            |
CD Anti shock ALL Random  ALL Display Bar
   |
ALL Default
```

• **MP3** :Functions available only when playing an MP3(WMA)-CD

• **CD** :Functions available only when playing an Audio CD

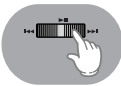• **ALL** :Functions available when playing an MP3(WMA)-CD or Audio CD
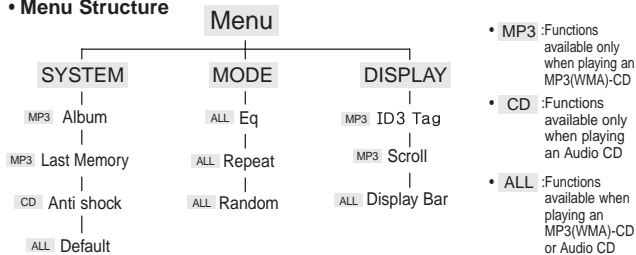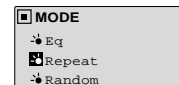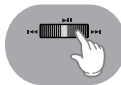
1 **Press and hold the MENU/ALBUM button on the remote control.**
• A group of menu icons will appear.

SYSTEM

2 **Use the |◀◀ , ▶▶| buttons to select the desired menu, and then press the Play/Pause (▶II) button.**
• A list of functions will appear.

MODE

3 **Use the |◀◀ , ▶▶| buttons to select the desired function, and then press the Play/Pause (▶II) button.**

■ MODE
⚬ Eq
■ Repeat
⚬ Random

4 **Press the MENU/ALBUM button to move to a higher level menu.**
• If no button is pressed for 20 seconds, you will be exited to the remote control display.

MODE

Note • While the Disc is being read, you won't be able to use the Menu function.
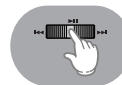
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Album function

Albums are sections of tracks representing one artist. This function makes it easier to skip between them.

**∗ This function is only available during playback of an MP3(WMA)-CD.**

1 **Select SYSTEM in the MENU screen, and then press the Play/Pause (▶II) button.**

SYSTEM

2 **Use the |◀◀ , ▶▶| buttons to select Album, and then press the Play/Pause (▶II) button.**

■ SYSTEM
■ Album
⚬ Last Memory
⚬ Anti Shock ▼
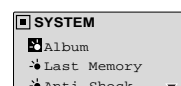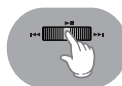
3 **Use the |◀◀ , ▶▶| buttons to select Album ON or OFF, and then press the Play/Pause (▶II) button.**
• If you select OFF for Album, the sort order of the files will change from Album to Title.
• After the selection, press the MENU/ALBUM button to exit to the remote control display.
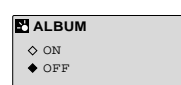
■ ALBUM
◇ ON
◆ OFF

4 **After selecting Album ON, press the MENU/ALBUM button.**
• It moves to the next album.

Example) Pressing the MENU/ALBUM button during playback of the first album will take you to the start of the first track of the second album.
• This product is equipped with a graphic LCD display that supports English, Japanese (without Chinese characters), and Korean characters.
• Languages other than English will be marked with an asterisk " ∗ ".

■ ALBUM
◆ ON
◇ OFF

Note • This function does not apply to MP3(WMA)-CDs that have not been created with albums.

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Last Memory/ESP function
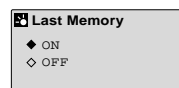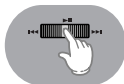
Last Memory function

• When MP3(WMA)-CD playback is selected again after your CD player has been stopped or turned off, the unit plays back from the start of the track that you last listened to. If the CD cover is opened, the unit resets to Track 1.

1 Select SYSTEM in the MENU screen, and then use the I◀◀ , ▶▶I buttons to select Last Memory.

■ SYSTEM
- Album
- Last Memory
- Anti Shock ▼
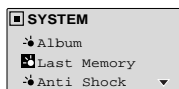
2 Use the I◀◀ , ▶▶I buttons to select Last Memory ON or OFF, and then press the Play/Pause (▶II) button.

Last Memory
◆ ON
◇ OFF

3 Press the MENU/ALBUM button twice to exit to the remote control display.

normal   Last Flat 🔋
001 010 ⏰03 : 20
Boyz II MEN 128 44
kbps kHz
End [Boyz II MEN]

ESP (Electronic Skip Protection) function

• ESP prevents the music being interrupted by vibration and shock.

1 Select SYSTEM in the MENU screen, and then use the I◀◀ , ▶▶I buttons to select Anti Shock.

■ SYSTEM
- Album
- Last Memory
- Anti Shock ▼
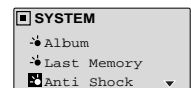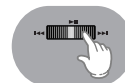
2 Use the I◀◀ , ▶▶I buttons to select Anti Shock Time 40 seconds or 160 seconds, and then press the Play/Pause (▶II) button.

Anti Shock
◆ 40s
◇ 160s

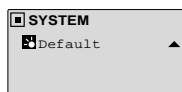**3** Press the MENU/ALBUM button twice to exit to the remote control display.

normal   Last Flat 🔋
001 010 ⏰03 : 20
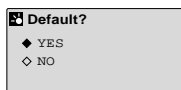Boyz II MEN 128 44
kbps kHz
End [Boyz II MEN]

17

18
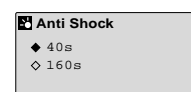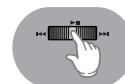
Default function

This function initializes all settings to their default values.

1 **Select SYSTEM in the MENU screen, and then use the I◀◀ , ▶▶I buttons to select Default.**

```
■ SYSTEM
  Default          ▲
```

2 **Use the I◀◀ , ▶▶I buttons to select Default YES or NO, and then press the Play/Pause (▶II) button.**

```
  Default?
  ◆ YES
  ◇ NO
```

Default Settings

Album	**: On**	Off - for a typical Audio CD or an
Last Memoy	**: On**	MP3(WMA)-CD with just one directory
Anti Shock	**: 160s**	

Eq	**: Flat**	ID3 Tag	**: On**
Repeat	**: Off**	**Scroll**	**: x2**
Random	**: Off**	**Display Bar**	**: H-Level Meter**

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EQ/Repeat function

EQ function

What is EQ?
Press EQ button to select various sound modes such as Rock, Jazz, Classic, Super Bass, Power Sound. Select the sound mode appropriate for the music you are playing.

1 **Select MODE in the MENU screen, and then use the I◀◀ , ▶▶I buttons to select Eq.**

```
■ MODE
  Eq
  Repeat
  Random
```
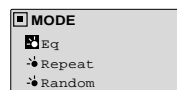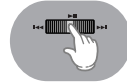
2 **Select the sound mode you want; Flat, Rock, Jazz, Classic, S-bass, P.sound.**

```
  Eq Mode
  ◆ Flat   ◇ Classic
  ◇ Rock   ◇ S-bass
  ◇ Jazz   ◇ P.sound
```
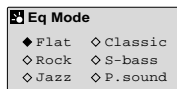
Repeat function

1 **Select MODE in the MENU screen, and then use the I◀◀ , ▶▶I buttons to select Repeat.**

```
■ MODE
  Eq
  Repeat
  Random
```

2 **Use the I◀◀ , ▶▶I buttons to select Repeat Mode.**

```
  Repeat
  ◇ OFF    ◇ Album
  ◇ 1      ◆ All
```
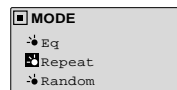
- OFF : All songs will be played back once and then stop.
- 1   : One song will be played back repeatedly.
- Album : All songs in the selected album will be played back repeatedly. (MP3-CD and WMA-CD only)
- All   : All songs on the disc will be played back repeatedly.

20

Random function

Random function

• All tracks will be played back in random order.

1 **Select MODE in the MENU screen, and then use the |◄◄ , ►►| buttons to select Random.**

☐ **MODE**
- Eq
- Repeat
- Random
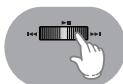
2 **Use the |◄◄ , ►►| buttons to select Random ON or OFF, and then press the Play/Pause (►II) button.**

☐ **Random**
- ◆ ON
- ◇ OFF
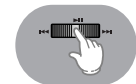
ID3 Tag function

ID3 Tag function

* **This function is only available during playback of an MP3(WMA)-CD.**

• This function displays the tag information from all of the songs on an MP3/WMA-CD.

What is ID3 Tag **?**

• This is what is attached to an MP3 audio file to carry information relevant to the file, such as the title, artist, album, year, genre and a comment field.
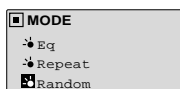
1 **Select Display in the MENU screen, and then use the |◄◄ , ►►| buttons to select ID3 Tag.**

☐ **DISPLAY**
- ID3 Tag
- Scroll
- Display Bar
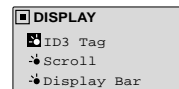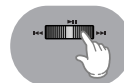
2 **Use the |◄◄ , ►►| buttons to select ID3 Tag ON or OFF, and then press the Play/Pause (►II) button.**
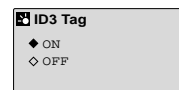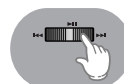
☐ **ID3 Tag**
- ◆ ON
- ◇ OFF

• ID3 Tag ON : Tag information of the song file is displayed.
• ID3 Tag OFF : Only the name of the song file is displayed.

Note • Tag information is displayed for those files containing them. Otherwise, the file name is displayed.
• If no tag information is present in the file, the song title or artist cannot be displayed.

Scroll function

This function is used to adjust the scroll speed of the song title.

* This function is only available during playback of an MP3(WMA)-CD.

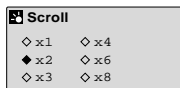**1** Select Display in the MENU screen, and then use the I◄◄ , ►►I buttons to select Scroll.

```
■ DISPLAY
  ID3 Tag
  Scroll
  Display Bar
```

2 Use the I◄◄ , ►►I buttons to select the desired scroll speed.

```
 Scroll
  ◇ x1    ◇ x4
  ◆ x2    ◇ x6
  ◇ x3    ◇ x8
```

• X1: Scrolls a half slower than speed.	• X4: Scrolls twice as fast as normal.
• X2: Scrolls at normal speed.	• X6: Scrolls three times faster than normal.
• X3: Scrolls one-and-half times faster than normal.	• X8: Scrolls four times faster than normal.

➤ If the scroll speed is high, an afterimage may appear on the display.
  If this occurs, normal speed is recommended.

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Display Bar/+10 function

Display Bar function

1 Select Display in the MENU screen, and then use the I◄◄ , ►►I buttons to select Display Bar.
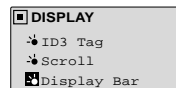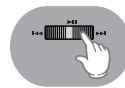
```
■ DISPLAY
  ID3 Tag
  Scroll
  Display Bar
```

2 Use the I◄◄ , ►►I buttons to select the desired function, and then press the Play/Pause (►II) button.

```
 Display Bar
  ◆ H - Level Meter
  ◇ L - Level Meter
  ◇ Anti - S Meter
```

• H-Level Meter : The level meter indicator is used to indicate the audio level of L-channel and R-channel.
When H-Level Meter is selected, the movement of the meter becomes twice as large as when L-Level Meter is selected.

• L-Level Meter : The level meter indicator is used to indicate the audio level of L-channel and R-channel.

• Anti-S Meter : The level meter indicator is used to indicate Anti-Shock Time/Buffer Level.

+10 function

• **Press the +10 button.**

• **Press the +10 button briefly while playing back a CD. Playback will skip 10 tracks.**

15 →20 →30 → 40 → 41 →42 →43
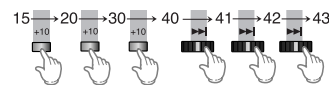
Example : If you want to select track 43 during playback of track 15, press the +10 button three times, then press the ►►I button three times.

• **MP3(WMA)-CD playback** : Press and hold the MENU/ALBUM button longer to select "**Album Off** ".
The button now functions as the +10 button.

24

Navigation function

You can easily select and play the song you want from the album.

In the stop mode

1 **Press the NAVI/PROG button.**
- Albums in the root folder will be displayed.

normal	Last Flat
🗁Root	
🗁Boyz II MEN	
🗁It's So Hard To ▼	

2 **Using |◄◄ or ►►| button, select the desired album or song.**

normal	Last Flat
🗁Root	
🗁Boyz II MEN	
🗁It's So Hard To ▼	

3 **Press the Play/Pause (►II) button.**
- Albums or songs in the selected album will be displayed.
- Repeat the steps 2-3 above to select the song you want.

normal	Last Flat
🗁Boyz II MEN	
♫01 - It's So Hard To	
♫02 - Please Do ▼	
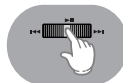
◆ **To cancel the navigation function, press the NAVI/PROG button again.**
- If no button is pressed for 20 seconds, the display switches to the stop mode.

normal	Last Flat
🗁Boyz II MEN	
♫01 - It's So Hard To	
♫02 - Please Do ▼	

To move to a higher album

- In the currently selected album, press the Stop (■) button to move to the album that is one level higher in hierarchy.

25

During Playback

1 **Press the NAVI/PROG button.**
- A list of all the songs in the album will be displayed.

normal	Last Flat
🗁Boyz II MEN	
♫01 - It's So Hard To	
♫02 - Please Do ▼	
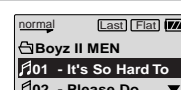
2 **Using |◄◄ or ►►| button, select the desired track.**
- If no button is pressed for 20 seconds, the display switches to the playback mode.

normal	Last Flat
🗁Boyz II MEN	
♫02 - Please Do ▲	
♫03 - End Of The ▼	
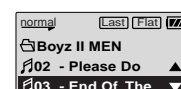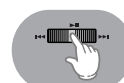
3 **Press the Play/Pause (►II) button.**
- The selected song will be played back.

normal	Last Flat
🗁Boyz II MEN	
♫05 - To Yesterday ▲	
♫06 - Cooleyhighh ▼	
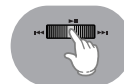
◆ **To cancel the navigation function, press the NAVI/PROG button again.**
- The navigation function does not work while the program function is operating.

normal	Last Flat
▮▷ 001 010 ⏱03 : 20	
🗁Boyz II MEN 128 44 kbps kHz	
♫End [Boyz II MEN]	

26
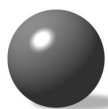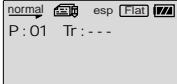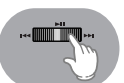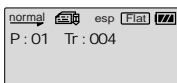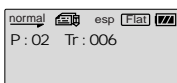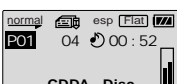
Program function

You can store up to 30 tracks of your favorite tunes.

Example) When storing track number 4 to program number 1.

1 **In the stop mode, press the NAVI/PROG button on the remote control.**
- When playing an MP3(WMA)-CD, press and hold the NAVI/PROG button in the stop mode.

normal esp Flat
P : 01   Tr : - - -

2 **Using |◀◀ or ▶▶| button, select the desired track.**

normal esp Flat
P : 01   Tr : 004

3 **Press the NAVI/PROG on the remote control.**
- Track number 4 is stored under program number 1 and you will be taken to program number 2.
- Continue to program the desired tracks.

normal esp Flat
P : 02   Tr : 006

4 **Press the Play/Pause (▶II) button when programming is complete.**

normal esp Flat
P01   04 ⏱ 00 : 52

CDDA   Disc

To confirm the program

- **In the stop mode, press the NAVI/PROG button.**
- **Each time the button is pressed, track numbers will be shown on the display according to their program sequence.**

normal esp Flat
P : 01   Tr : 004

To change the program

- **To change the programmed tracks during program confirmation, use |◀◀ or ▶▶| to select the track to change.**
- **Press the NAVI/PROG button to add new tracks.**
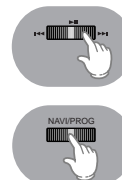
To cancel the program mode

- **Press the Stop (■) button twice.**
- **The Program mode will also be canceled if the lid opens during programming.**

PRESET/■

To stop program playback

- Press the Stop (■) button.
- The total number of programmed tracks as well as the total number of tracks in a given disk will be shown on the display.
- Press the Play/Pause (▶II) button to resume program playback.

27

Warning • During programming, if no action is performed for about 15 seconds, the player will automatically turn itself off to conserve battery power consumption.

28

Listening to FM Radio

To select the desired radio station

1 **Press and hold the FM button.**
- The frequency of the received station appears on the display of the remote control.
- Press the button to select either Mono or Stereo.

FM

▲ +10
FM

STEREO
91.9MHz

2 **Use the I◀◀ , ▶▶I buttons to tune in to a desired radio station.**

Automatic Tuning

Press and hold the I◀◀ or ▶▶I.
- Automatically scans and tunes to the next avaiable station.

STEREO
87.9MHz
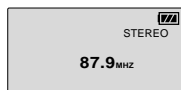
Manual Tuning

Press the I◀◀ or ▶▶I.
- Press the button repeatedly to tune in the desired station manually.

STEREO
89.9MHz
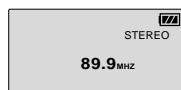
3 **To turn off the radio, press and hold the Stop (■) button on the remote control.**
- Press the Play/Pause (▶II) button on the remote control to switch to CD mode.

PRESET/ ■

Note
- The reception may not be clear in a weak signal area.
- If the reception of an FM station transmitting in stereo is weak, press the ST/MO button to switch to the mono mode for improved sound quality.
- The backlight on the display of the remote control does not work while using the radio function.

29

Presetting Stations in Memory(Memory function)

• You can either manually or automatically preset and store FM stations.

EXAMPLE: Storing an FM station at 89.1 MHz into preset number 2

1 **Tune to a station of 89.1 MHz and then press the NAVI/PROG button on the remote control.**

NAVI/PROG

STEREO
89.1MHZ
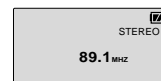
2 **Press I◀◀ or ▶▶I to select the preset "MEMORY 2".**
- Each time the button is pressed a higher or lower preset number is selected.
- Start with the preset station number 1 if you are presetting stations for the first time since the purchase of the product.

Memory
STEREO
2   89.1MHz
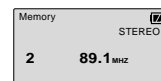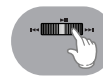
3 **Press the NAVI/PROG button again to store the selected station.**
- The preset number disappears, indicating that the station has been stored.
- Repeat steps 1 to 3 to change the station or store other stations. You can preset up to 15 stations.

NAVI/PROG

STEREO
89.1MHz
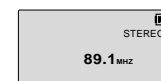
Tuning in to a Preset Station

1 **If you have already stored stations into memory, press the PRESET button on the remote control.**
- "Preset" and the station frequency stored under that preset number appear on the display.

PRESET/ ■

Preset
STEREO
1   91.9MHz
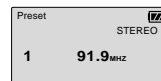
2 **Press I◀◀ or ▶▶I to select the desired preset number.**
- "Preset" remains, and the frequencies of the preset stations are displayed in turn.

Preset
STEREO
3   93.5MHz

30
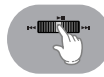
Features

Playback sequence of albums and tracks

• Albums with .jpg, .wav or .doc are not audio files and therefore will be skipped.

```
Root
(Album 1)                          Document ── a. hwp
                                   (skipped) ── b. gul
           Album         Album         Album
            2             3             4        ── 8.mp3
                                                 ── 9.mp3
                      ── 5.mp3                    ── 10.mp3
                      ── 6.mp3      ── 7.mp3      ── 11.mp3
                                                 ── 12.mp3
           Album         Album      ── c.doc(skipped)
            5             6         ── 15.mp3

                         Album         Album
                          7             8        ── 17.mp3

                      ── 13.wma     ── 16.mp3
                      ── 14.mp3     Picture ── d. jpg
                                    (skipped) ── e. jpg
           Album                ── 18.mp3
            9                   ── 19.mp3
                                ── 20.mp3
                                ── 21.mp3
                                ── 22.mp3
      ── 1. mp3       Music          ── f. wav
      ── 2. mp3      (skipped)       ── g. mid
      ── 3. mp3                      ── h. rm
      ── 4. mp3                      ── i. ra
```
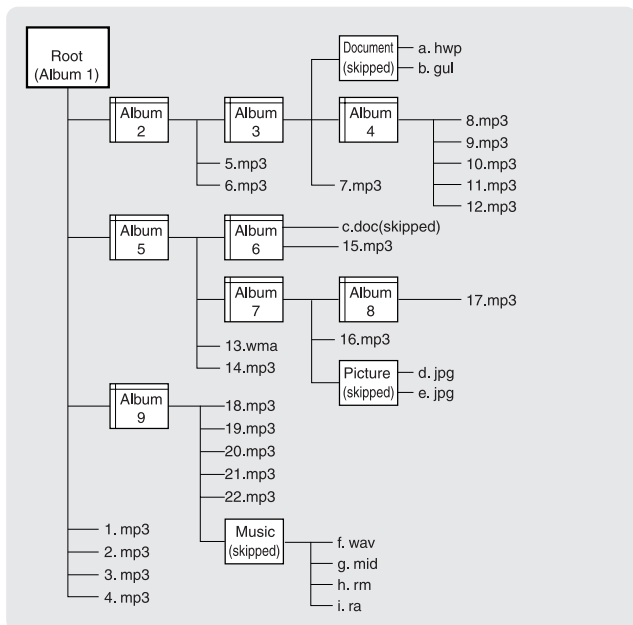
➤ The player can recognize up to about 700 files.

Maintaining and looking after your unit

Looking after your CDs

Wash the disc with a neutral detergent diluted in water, and then wipe gently with a soft dry cloth from the center of the disc to the outside.
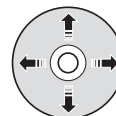
Handling your CDs

Carefully pick up the disc by its edge without touching the disc's surface.

Do not attach stickers to the signal surface (the side with shiny, rainbow colors).

Do not write on the labeled (printed) side with a ballpoint pen or a pencil.

Do not clean this player with record spray or anti-static.
Do not use volatile chemicals such as benzene or thinners.

Troubleshooting Guide

Problem	Check
Unit has no power.	● Did you insert the battery with the correct polarity? ● Are the batteries drained? ● Is the AC adaptor connected correctly? ● Is the door open?
Playback does not function.	● Is the disc inserted correctly? ● Is the disc damaged or deformed? ● Has the unit been locked with the HOLD switch? ● Has the unit been moved from a cold place to a hot place? Abrupt change of temperature may cause condensation to form on the lens. Keep your CD Player in a warm place until the condensation on the lens has disappeared.
Headphones don't work.	● Is the volume control on the unit at the minimum setting?
A sound or track is skipped.	● Was the unit jolted or knocked? ● Is there dust, fingerprints or scratches on the disc?
Some of the MP3 files on a CD are not recognized.	● Check if the unreadable files have .mp3 as their extension on your PC.

Specifications

Item	Description
Frequency range	20Hz ~ 20KHz
Headphone output	440mV(RMS), 6mW/CH, 32Ω
Signal/noise ratio	90dB (1kHz)
Total harmonic distortion	0.08% (1kHz, 0dB)
Format Support	CD-DA (8Cm/12Cm)
	CD-ROM Mode 1, Mode 2 Fom 1
CD-R/RW Readability	ISO 9660, Joliet
	Romeo, Multi-session
File Support	MPEG 1 Layer 3, WMA
Bit Rate	8kbps~320kbps (MP3)
	32kbps~320kbps (WMA)
FM Frequency Range	87.5MHz ~ 108.0MHz
FM Distortion	0.5% (MONO)
FM S/N Ratio	51dB
FM Stereo Separation	35dB
Tag Support	ID3 VI, ID3 V2 2.0
Power Adapter	DC 4.5V 500mA
Internal Rechargeable Batteries	Two Square-shaped 1350 mAh Ni-MH Batteries
External Batteries	1.5V AA/LR6 type x 2
Dimensions	5.19(W) X 0.65(H) X 5.33(D)
Weight	0.3586 lb.

(Based on the jack output of the main unit)

File Compatibility

● Only files in MP3 Format (Mpeg1.Layer3), with an .mp3 as the file extension, and WMA files with .WMA extension can be played back.

How many MP3 files can a CD-R or CD-RW disc record?

● The maximum capacity of one CD-R or CD-RW disc is 700MB.
Normally, one MP3 file has a capacity of 4MB, therefore approximately 170 files can be recorded on a single disc.

SAMSUNG MP3-CD PLAYER

LIMITED WARRANTY TO ORIGINAL PURCHASER

This SAMSUNG brand product, as supplied and distributed by Samsung Electronics America, Inc. (SAMSUNG) and delivered new, in the original carton to the original consumer purchaser, is warranted by SAMSUNG against manufacturing defects in materials and workmanship for a limited warranty period of:

One (1) Year Parts and Labor*
(*90 Days Parts and Labor for Commercial Use)

This limited warranty begins on the original date of purchase, and is valid only on products purchased and used in the United States. To receive warranty service, the purchaser must contact SAMSUNG for problem determination and service procedures. Warranty service can only be performed by a SAMSUNG authorized service center. The original dated bill of sale must be presented upon request as proof of purchase to SAMSUNG or SAMSUNG's authorized service center. Transportation of the product to and from the service center is the responsibility of the purchaser.

SAMSUNG will repair or replace this product, at our option and at no charge as stipulated herein, with new or reconditioned parts or products if found to be defective during the limited warranty period specified above. All replaced parts and products become the property of SAMSUNG and must be returned to SAMSUNG. Replacement parts and products assume the remaining original warranty, or ninety (90) days, whichever is longer.

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