MX-JS5000
MX-JS5500

MINI HI-FI Component Audio System
(MP3/WMA/CD-DA Playback with CD/USB)
user's manual

imagine **the possibilities**

Thank you for purchasing this Samsung product.
To receive more complete service,
please register your product at
www.samsung.com/register

SAMSUNG

Safety Information

Warning

TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE THE COVER (OR BACK). NO USER-SERVICEABLE PARTS ARE INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

CAUTION
RISK OF ELECTRIC SHOCK. DO NOT OPEN
CAUTION: TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT AND INSERT FULLY.

This symbol indicates "dangerous voltage" inside the product that presents a risk of electric shock or personal injury.

This symbol indicates important instructions accompanying the product.

WARNING

- To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture.
- This product contains chemicals known to the State of California to cause cancer and reproductive toxicity.

CLASS 1 LASER PRODUCT

This Compact Disc player is classified as a CLASS 1 LASER product. Use of controls, adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

Complies with 21CFR 1040.10 except for deviations pursuant to Laser Notice No. 50, dated June 24, 2007.

DANGER :

- VISIBLE AND INVISIBLE LASER RADIATION WHEN OPEN. AVOID DIRECT EXPOSURE TO BEAM. (FDA 21 CFR)

CAUTION :

- CLASS 3B VISIBLE AND INVISIBLE LASER RADIATION WHEN OPEN. AVOID EXPOSURE TO THE BEAM. (IEC 60825-1)
- THIS PRODUCT UTILIZES A LASER. USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE. DO NOT OPEN THE COVER AND DO NOT REPAIR YOURSELF. REFER SERVICING TO QUALIFIED PERSONNEL.

CLASS 1	LASER PRODUCT
KLASSE 1	LASER PRODUKT
LUOKAN 1	LASER LAITE
KLASS 1	LASER APPARAT
PRODUCTO	LÁSER CLASE 1

WARNING

- TO PREVENT THE SPREAD OF FIRE, KEEP CANDLES AND OTHER ITEMS WITH OPEN FLAMES AWAY FROM THIS PRODUCT AT ALL TIMES.

- An administration fee may be charged if either

  an engineer is called out at your request and there is no defect in the product (i.e. where you have failed to read this user's manual).

  you bring the unit to a repair centre and there is no defect in the product (i.e. where you have failed to read this user's manual).

- The amount of such administration charge will be advised to you before any work or home visit is carried out.

FCC NOTES (for U.S.A)

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on. If interference is present, the user is encouraged to try to correct the interference by one or more of the following measures:

• Reorienting or relocating the receiving antenna.

• Increasing the separation between the equipment and receiver.

• Connecting this equipment to an outlet that is on a different circuit than the one the receiver is connected to.

• Consulting the dealer or an experienced radio/TV technician for help.

This class B digital product meets all requirements of the Canadian Interference - Causing Equipment Regulations.

Important Safety Instructions

Read these operating instructions carefully before using the unit. Follow all the safety instructions listed below. Keep these operating instructions handy for future reference.

1. Read these instructions.

2. Keep these Instructions.

3. Heed all warnings.

4. Follow all instructions.

5. Do not use this apparatus near water.

6. Clean only with a dry cloth.

7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.

8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.

9. Do not defeat the safety purpose of the polarized or grounding type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.

10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.

11. Only use attachments accessories specified by the manufacturer.

12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.

13. Unplug this apparatus during lightning storms or when it will be unused for long periods of time.

14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as when the power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

Safety Information

Precautions

- Ensure that the AC power in your house matches the requirements listed on the identification sticker located on the back of your product.
- Install your product horizontally, on a suitable base (furniture), with enough space around it for ventilation (3 - 4 inches/7.5 - 10 cm).
- Do not place the product on amplifiers or other equipment which may become hot. Make sure the ventilation slots are not covered.
- Do not stack anything on top of the product.
- Before moving the product, ensure the Disc tray is empty.
- To turn off the product completely, disconnect the AC plug from the wall outlet. Disconnect the AC plug from the wall outlet if you will be leaving the device unused for a long period of time.
- During thunderstorms, disconnect the AC plug from the wall outlet. Voltage peaks due to lightning could damage the product.
- Do not expose the product to direct sunlight or other heat sources. This could cause the product to overheat and malfunction.
- Protect the product from moisture, and excess heat or equipment creating strong magnetic or electric fields (i.e. speakers.).
- Disconnect the power cable from the AC supply if the product malfunctions.
- Your product is not intended for industrial use. It is for personal use only.
- Condensation may occur if your product or a disc has been stored in cold temperatures. If transporting the product during the winter, wait approximately 2 hours until the product has reached room temperature before using.
- The batteries used with this product contain chemicals that are harmful to the environment. Do not dispose of batteries in the general household trash.
- Place the loudspeakers at a reasonable distance on either side of the system to ensure good stereo sound.
- Direct the loudspeakers towards the listening area.
- Do not expose this apparatus to dripping or splashing. Do not place objects filled with liquids, such as vases, on the apparatus.

- To turn this apparatus off completely, you must disconnect it from the wall outlet. Consequently, the wall outlet and power plug must be readily accessible at all times.
- Use only a properly grounded plug and receptacle.
- An improper ground may cause electric shock or equipment damage. (Class I Equipment only.)

Disc Storage & Management

- Holding Discs
  - Fingerprints or scratches on a disc may reduce sound and picture quality or cause skipping.
  - Avoid touching the surface of a disc where data has been recorded.
  - Hold the disc by the edges so that fingerprints will not get on the surface.
  - Do not stick paper or tape on the disc.
- Cleaning Discs
  - If you get fingerprints or dirt on a disc, clean it with a mild detergent diluted in water and wipe with a soft cloth.
  - When cleaning, wipe gently from the inside to the outside of the disc.
- Disc Storage
  - Do not keep in direct sunlight.
  - Keep in a cool, ventilated area.
  - Keep in a clean, protective jacket and store vertically.
- Condensation may form if warm air comes into contact with cold parts inside the product. When condensation forms inside the product, it may not operate correctly. If this occurs, remove any discs in the product, and then let the product stand for 1 or 2 hours with the power on.

Disc and Format Compatibility

This product does not support Secure (DRM) Media files.

CD-R Discs

- Some CD-R discs may not be playable depending on the disc recording device (CD-Recorder or PC) used to burn music onto the disc and the condition of the disc.
- Use 650MB/74 minute CD-R discs.
Do not use CD-R discs over 700MB/80 minutes as they may not be played back.
- Some CD-RW (Rewritable) media may not be playable.
- Only CD-Rs that are properly "closed" can be fully played. If the session is closed, but the disc is left open, the product may not be able to fully play the disc.

MP3-CD Discs

- Only CD-R discs with MP3 files in ISO 9660 or Joliet format can be played.
- MP3 file names should contain no blank spaces or special characters (for example, /, =, +).
- Use discs recorded with a compression/decompression data rate greater than 128Kbps.
- Only consecutively written multisession discs can be played. If there is a blank segment in a Multisession disc, the disc can be played only up to the blank segment.
- If a disc is not closed, it will take longer to begin playback and not all of the recorded files may play.
- If a file is encoded in the Variable Bit Rate (VBR) format,(i.e. files encoded in both low bit rate and high bit rate - 32Kbps ~ 320Kbps), the sound may skip during playback.
- A maximum of 999 files can be played per CD/USB device.

Supported Audio Formats

File Extension	Audio Codec	Sampling Rate	Bit Rate
*.mp3	MPEG 1 Layer3	16KHz ~ 48KHz	80Kbps ~ 320Kbps
	MPEG 2 Layer3	16KHz ~ 48KHz	80Kbps ~ 320Kbps
	MPEG 2.5 Layer3	16KHz ~ 48KHz	80Kbps ~ 320Kbps
*.wma	Wave_Format_ MSAudio1	16KHz ~ 48KHz	56Kbps ~ 128Kbps
	Wave_Format_ MSAudio2	16KHz ~ 48KHz	56Kbps ~ 128Kbps

| NOTES |

✎ Does not support the WMA Professional codec.

✎ The table above shows supported formats, sampling rates, and bit rates. Files recorded in formats that are not supported may not be played properly.

Contents

Getting Started

Front Panel

❶	AUX 1/2 button	㉑	SEARCH button
❷	FOLDER - button	㉒	CD button
❸	Display Panel	㉓	BACKWARD SEARCH/SKIP button
❹	VOLUME/JOG	㉔	STOP button
❺	FOLDER + button	㉕	MIC 2 jack
❻	TUNER button	㉖	MIC 1 jack
❼	PLAY/PAUSE button	㉗	AUTO CHANGE button
❽	POWER button Press this button to switch your product on or off.	㉘	FOOTBALL MODE button
		㉙	DISPLAY / DEMO button
❾	TV SOUND CONNECT button	㉚	USER EQ button
❿	Bluetooth button	㉛	PRESET EQ button
⓫	MY LIST button	㉜	GIGA SOUND BLAST button
⓬	USB REC button		
⓭	USB 1/2 button		
⓮	USB 2 jack for Playing and USB Recording		
⓯	USB 1 jack for Playback only		
⓰	FORWARD SEARCH/SKIP button		
⓱	OPEN/CLOSE button		
⓲	MEMORY button		
⓳	DISC slot		
⓴	ENTER button		

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Getting Started

Rear Panel

MX-JS5000

MX-JS5500
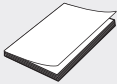
1	**AUX IN 1 Terminals** **1.** Use an audio cable with a 1/8th inch stereo plug (not supplied) to connect an external device such as an MP3 player to the product. • Connect AUX IN 1 on the rear panel of the product to the Audio Out of an external device/MP3 player. • Press the **AUX 1/2** button to select AUX1.
2	**AUX IN 2 Terminals** **1.** Use an Audio Cable (not supplied) to connect AUX IN 2 on the product to Audio Out on the external analog output device. • Be sure to match connector colors. • If the external analog output device has only one Audio Out jack, connect either left or right terminal. • Press the **AUX 1/2** button to select the AUX 2. • When the product is in AUX mode, if no buttons are pushed for 8 hours, the power will automatically turn off.
3	**FM/AM Antenna Terminals** • Plug the connector on the FM/AM antenna (supplied) into the FM/AM terminal on the rear of the system.
4	**ONLY FOR SERVICE** This jack is for service only. Please do not use.

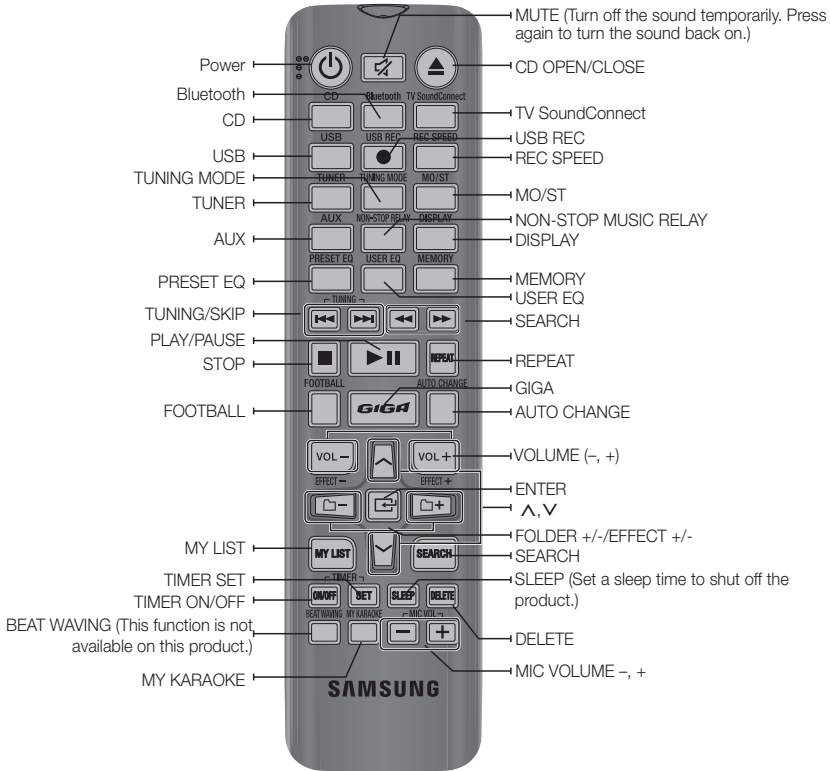|	
5	**4.0 CH Speaker Terminals (MX-JS5000)** **4.1CH Speaker Terminals (MX-JS5500)** **1.** To achieve the correct sound quality, when you connect the speakers, match the color of the speaker plugs to the color of the speaker jacks. • LEFT channel (marked **L**). • RIGHT channel (marked **R**). • Front and Tweeter speakers together. • Don't force the Purple SUBWOOFER connector or into the White or Red speaker jack.
6	**POWER** • Insert only provided power cable.
7	**Cooling fan** • The fan operates most of the time while the unit is powered on. However, if you set the unit to its minimum volume, the fan won't operate. Provide a minimum of 4 inches (10 cm) of clear space on all sides of the fan when you install the product.

Accessories

Check for the supplied accessories below.

User Manual (AH68-02793J)	Remote Control / Batteries (AH59-02694B/4301-000116)	FM /AM Antenna (AH42-00036A)
Power Cable (3903-000598)	(For Front Speakers cable 1EA) Toroidal ferrite core (3301-000144)	

- Figures and illustrations in this user's manual are provided for reference only and may differ from actual product appearance.

Getting Started

Remote Control

Power ▸

Bluetooth ▸
CD ▸

USB ▸
TUNING MODE ▸
TUNER ▸

AUX ▸

PRESET EQ ▸
TUNING/SKIP ▸
PLAY/PAUSE ▸
STOP ▸

FOOTBALL ▸

MY LIST ▸

TIMER SET ▸
TIMER ON/OFF ▸
BEAT WAVING (This function is not available on this product.) ▸

MY KARAOKE ▸

◂ MUTE (Turn off the sound temporarily. Press again to turn the sound back on.)
◂ CD OPEN/CLOSE

◂ TV SoundConnect

◂ USB REC
◂ REC SPEED

◂ MO/ST
◂ NON-STOP MUSIC RELAY
◂ DISPLAY

◂ MEMORY
◂ USER EQ
◂ SEARCH

◂ REPEAT
◂ GIGA
◂ AUTO CHANGE

◂ VOLUME (–, +)

◂ ENTER
◂ ∧, ∨
◂ FOLDER +/-/EFFECT +/-
◂ SEARCH
◂ SLEEP (Set a sleep time to shut off the product.)

◂ DELETE
◂ MIC VOLUME –, +

## Installing Batteries In The Remote Control

- Place batteries in the remote control so that the polarities match the illustrations in the battery compartment : (+) to (+) and (–) to (–).
- Do not dispose of batteries in a fire.
- Do not short circuit, disassemble, or overheat the batteries.
- There is the danger of an explosion if you replace the batteries with the wrong battery type. Replace only with the same or equivalent type.
- The remote control can be used up to approximately 23 feet (7 meters) in a straight line from the system.

10 English
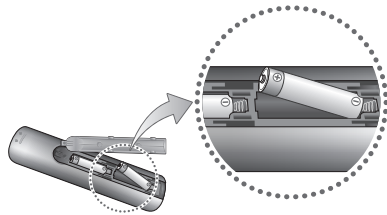
Attaching the Toroidal Ferrite Core to the Cord of the Speaker cable

Attaching the Toroidal ferrite core to the cord of the Speaker cable helps prevent RF interference from radio signals.
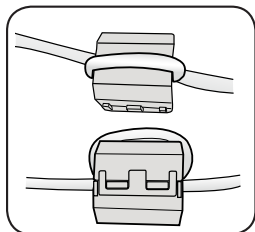
1. Pull the fixing tab of the Toroidal ferrite core to open it.

2. Make one loops around the core with the cable of the Speaker cable.

3. Attach the Toroidal ferrite core to the Speaker cable cord as the figure shows,and then press it until it clicks.
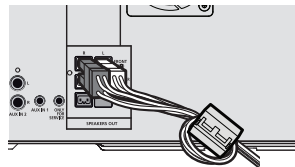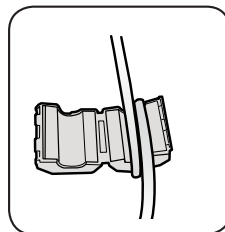
LOOPING THE CABLE AROUND THE TOROIDAL CORE
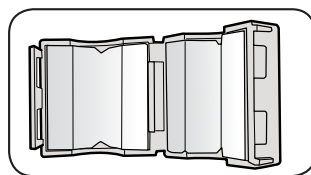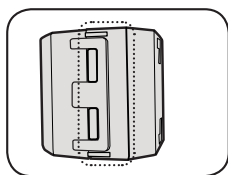
Lift up to release the lock and open the core.

Make one loops around the core with the cable.
(Start winding 2 to 4 inches [5-10 cm] away from the core).

Close the lock.

11 English

Functions

The Display function

You can view available functions on the display, adjust the brightness of the display, and set the Display/LED either on or off.

Changing Display mode

Press the **DISPLAY/DEMO** button on the product.

Each time you press this button, the mode will change as follows:

- **The DEMO function**
  The "xxxxW MiNi COMPONENT AUDIO SYSTEM" is displayed. The "xxxx" will be different depending on your Model.
- **The Dimmer function**
  The Dimmer function is selected and the display darkens.
- **OFF-LED**
  The LEDs are turned off. However, the dimmer function continues to work.
- **Clock ON**
  The Clock is displayed.
- **Display/LED ON**
  The Display and all LEDs are turned on.

The DEMO MUSIC function

Press the DISPLAY/DEMO button on the product or the DISPLAY button on the remote control for 10 seconds to turn on the Demo mode.

Each time you press this button, the mode will change as follows:

DIMMER ➜ OFF-LED ➜ --:-- [time display] ➜ ON-LED ➜DEMO

To cancel the Demo music mode

- Press the **DISPLAY/DEMO** button on the product or **DISPLAY** on the remote control for 10 seconds again.
  The current mode is cancelled and the product is turned off.
- Press the **TUNER,AUX 1/2, CD,Bluetooth, TV SOUND CONNECT,** or **USB** button on the product.
  The current mode is cancelled and the mode is changed to the mode you selected.

| NOTES |

✎ When the Demo mode is on, only the POWER (⏻) button, VOL buttons, MUTE button, and the buttons mentioned above work.

✎ The DEMO sampler plays for about 3 minutes. When DEMO sampler play is complete, the DEMO message will remain in the display on the front panel until you cancel DEMO mode.

Playing a CD

Loading a Compact Disc

You can play standard compact discs that require no adapter.

1. Place a disc gently into the disc tray with the disc's label facing up. The disc will be played automatically.
   - You can load or unload compact discs when the radio, USB, or auxiliary source function is selected. When you press the **OPEN/CLOSE** button, the unit will exit the current function and enter CD mode.
   - If no buttons are pressed on the product or remote control for more than 3 minutes when the product is in Pause mode, it will change to Stop mode.
   - If no buttons are pressed on the product or remote control for more than 25 minutes when the product is in Stop mode, the product will turn off.

CD/MP3/CD-R Playback

| IMPORTANT |

✎ This product is designed to play the following audio disc types: CD, CD-R, CD-RW.

1. Place a disc gently into the disc tray with the disc's label facing up.
2. The disc will be played automatically.
   - For MP3/WMA file, it may take several minutes for the product to finish scanning the disc tracks.
   - If you play a file with an English title, the song title will be shown in the display. (Titles in other languages can not be displayed.)
   - An English-titled track containing a special character (@, $, *, etc.) will not be displayed.

<CD PlaybackDisplay>

Track Indicator ——— 1 0:19 ——— Playtime Indicator

3. To adjust the volume:
   • Turn the **VOLUME** control on the product.
   • Press the **VOL+** or **VOL-** button on the remote control.
     The volume level can be adjust in 31 steps (VOLUME MIN, VOLUME 01 ~ VOLUME 29, and VOLUME MAX).

4. Pausing playback on the Main Unit
   To pause playback temporarily, press the ❚❚ button.
   Press ❚❚ again to continue playing the disc.
   Remote control
   To pause playback temporarily, press the ❚❚ button.
   Press the ❚❚ button to continue playing the disc.

5. To end playing, press the ◻ button.

| NOTES |

✎ If no CD is in the disc slot, "NO DISC" appears on the display.

✎ The quality of MP3/CD-R playback may vary depending on the condition of the disc or the condition of the recorder used to record the disc.

✎ If a disc contains different types of files or unnecessary folders, you will have problems with playback.

✎ Gently place a CD into the disc slot. Do not apply excessive force.
   - Do not apply force to the product or place a heavy object on the product.
   - Do not place an out-of-spec or oddly shaped CD (heart shaped, octangular, etc.). It may damage the product.
   - Carefully maintain your CDs.

Selecting a Track

You can select a desired track while the disc is being played.

To play the previous track

Press the ⏮ button within 3 seconds after the current track has started playing.
Press the ⏮ button twice 3 seconds or more after the current track starts playing.

To play the next track

Press the ⏭ button.

To play the current track from the beginning

Press the ⏮ button 3 seconds after the current track started playing.

To play the track of your choice

Press the ⏮ or ⏭ button to move to a desired track.

• You can select a track directly without the ⏮ or ⏭ button. (refer to the page 15)

Searching for a Specific Music Passage on a CD

When listening to a CD, you can quickly search for a specific music passage on a track.

Forward Search .... ◀◀
Backward Search .... ▶▶

Press ...	CDDA	MP3/WMA
◀◀	◀◀ 1 → ◀◀ 2 → ◀◀ 3 → ◀◀ 4	◀◀ 4
▶▶	▶▶ 1 → ▶▶ 2 → ▶▶ 3 → ▶▶ 4	▶▶ 4

You can also press and hold the ⏮, ⏭ buttons on the product to automatically scan for a track.

• The product does not play audio when in the ◀◀ ,▶▶ 3 or ◀◀ ,▶▶ 4 fast search mode.

Repeat One or All Tracks on a CD

You can play a CD or tracks on a CD repeatedly.

1. Press the **REPEAT** button.
   Each time you press this button, the mode changes as follows:

   MP3/WMA : OFF ➜ TRACK ➜ DIR ➜ ALL ➜ RANDOM
   CD : OFF ➜ TRACK ➜ ALL ➜ RANDOM

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Functions

2. When you want to stop the repeat function, press the **REPEAT** button until "**OFF**" is displayed.
   - **OFF** : Cancels repeat playback.
   - **TRACK** : Repeatedly plays the selected track.
   - **DIR (DIRECTORY)** : Repeatedly plays all tracks in the selected folder.
   - **ALL** : Repeatedly plays the entire disc.
   - **RANDOM** : Plays tracks in random order.

Playing USB Devices

Connect an external storage device such as a USB flash memory stick or external HDD (Hard Disk Drive) to the product. You can play files in MP3/WMA format.

USB Device Playback

1. Connect the external USB storage device to your product.
2. Select the USB mode by pressing the USB **1 2** button on the product or the **USB** button on the remote control.
3. The first file of the first directory plays automatically.
4. To stop playing
   Press the ■ button to stop playing.

| NOTE |

✎ **To remove the USB device**
   - If you press the ■ button again, you can remove the USB device safely.

| IMPORTANT |

✎ Do not connect a USB recharger to the USB port of this product. You can damage the product.

To Select a File from a USB Device

You can select an MP3 file while the product is playing.

| NOTES |

✎ If you want to move to the previous/next track, press the ◄◄, ►► buttons briefly.
   - The unit moves to the previous/next file within the directory.
   - If you press the ◄◄, ►► buttons more times than the number of the files in the directory, the unit moves to the next directory.

To repeat one or all tracks

1. Press the **REPEAT** button.
   Each time you press this button, the mode changes as follows:

   OFF ➡ TRACK ➡ DIR ➡ ALL ➡ RANDOM

2. When you want to stop the repeat function, press the **REPEAT** button until "**OFF**" is displayed.
   - **OFF** : Cancels repeat playback.
   - **TRACK** : Repeatedly plays the selected file.
   - **DIR (DIRECTORY)** : Repeatedly plays all files in the selected folder.
   - **ALL** : Repeatedly plays all files.
   - **RANDOM** : Plays files in random order.

| NOTE |

✎ For Random play: If the file you selected to play is located in a folder, all the files in that folder are played in random order. If the file you selected is located in the root folder, all files in the root folder will be played in random order.

To Search a Folder Quickly

1. Press the ⌂– or ⌂+ button on the remote control to move to the previous/next folder.
2. When the search is done, you will see the previous/next folder name. The first track in the folder will start playing.

To Use High Speed Search

You can search through a section quickly while the product is playing.
Press the ◄◄, ►► button.
- Each time you press the button, you move forward/backward quickly through the section.

| IMPORTANT |

✎ The product does not output sound during a high speed search.

✎ You can also press and hold the ◄◄ or ►► button on the main unit to automatically scan for a track.

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To Delete a File

You can delete a file from your USB device.

1. Select a file you want to delete.

2. Press the **DELETE** button on the remote control. "**DEL N**" is displayed.

3. Press the **DELETE** button on the remote control or press the ⏮, ⏭ until "DEL Y" is displayed.

4. When "**DEL Y**" is displayed, press the 🔲 button. "**DELETE END**" appears and the deletion is completed.

| NOTE |

✎ The NTFS file system are not supported.

To safely remove a USB device

1. Press the 🔲 button twice while the USB is playing or press the 🔲 button once when play has stopped.

2. When the **REMOVE** message appears on the display, remove the USB device.

Read Before Connecting USB Storage Devices

- Some USB devices may not work properly with this product. The maximum current supported by the USB port for an external device is 500 mA (at 5V DC).
- This product only supports external HDD`s that are formatted in the FAT 16,FAT 32 file system.
- USB 2.0 HDDs should be connected to a separate power source. Otherwise, the USB 2.0 HDDs will not work.
- If multiple USB external storage devices are connected together, only the files in the first HDD will be played.
- If a usb external device that has multi partition,only the first partition which support file system is recognized.
- Files with DRM are not supported. Digital Right Management (DRM) restricts unauthorized access to a DRM file so that the file is protected from piracy.
- Even if a file has an .mp3 extension, the file cannot be played if it is formatted in MPEG layer 1 or 2.
- Do not use an unrecognized USB hub.
- Only the first 15 characters of an audio file name are shown on the product's display.

- Only removable HDDs with less than 160GB are supported. Depending on the device, a 160GB or more removable HDD may not be supported.
- It can take several minutes for the product to recognize the files on some USB devices.
- Some USB devices (USB HDDs, in particular) may pause when moving from track to track.
- With USB storage devices supporting USB VER1.1 only, the product may access files slowly or may not recognize the file properties.
- The maximum electrical current provided by each USB port to connected USB devices is 0.5A (based on DC 5V).
- If there is no USB connection or the STOP mode lasts for more than 25 minutes, the product will automatically turn off.
- Some USB devices, digital cameras, USB card readers, iPods, iPhones, and Smart Phones may not be supported.
- A maximum of 999 files can be played per USB device.

Searching for a Track Quickly

You can select a track directly without the ⏮, ⏭ button.

CDDA/MP3-CD/USB

1. Press the **SEARCH** button. After pressing the **SEARCH** button, press the ∧ or ∨ button on the remote control or turn the **VOLUME/ JOG** control on the product to the left or right to select a desired track.
   - You can move to the selected track directly.

<Search Display>

```
0 12   0 25
```

Selected Track Indicator   Total track Indicator
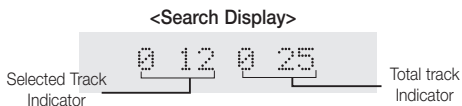
2. When the search is complete, the track will automatically start playing.

Functions

Using the My List Function

This function is available during playback of a CDDA or MP3/WMA file on a CD-ROM/USB device.

- You can use the My List function to set up the playback order of up to 99 tracks of your choice.

1. Press the **MY LIST** button to display the message below:.

    L0 1 —·—·—

    (01= My List number, -- = track number)

2. Use the **VOLUME/JOG** control on the main unit or use the ◄◄ or ►► or ∧ , ∨ buttons to move to a desired track.
    - Turn the **VOLUME/JOG** Control left or right on the main unit to move to the previous/ next track.
    - Press ◄◄ , ∨ to move to the previous track.
    - Press ►► , ∧ to move to the next track.

3. Press the 🔳 button to confirm your selection. The selection is stored and L0 2 -- is displayed.

4. To select another track, follow Steps 2 and 3 above.

5. Press the ►|| button or press the **MY LIST** button on the remote control to play the My List tracks.
    - In stop mode, when the My List setting is done, press the ►|| button to play the tracks of My List.

6. Press and hold the **MY LIST** button to select **OFF-MY LIST** to exit the My List mode.
    - Each time you press and hold the **MY LIST** button on the remote control, the mode will switch as follows: **OFF-MY LIST ➡ ON- MY LIST.**
    ON-MY LIST : Enter the My List mode.
    OFF-MY LIST : Exit the My List mode.
    - If you open the disc tray or turn off the product, your My List will be cancelled.
    - If you remove usb device, the current USB function my list mode will be cancelled.
    - If you switch to another mode, CD/USB ON -MY LIST mode is maintained.
    - When the recording or copy is completed, the My List of the USB 2 will be cancelled.

- In CD/USB ON MY LIST mode, if you press the **USB REC**, **SEARCH**, **DELETE**, or 🗀+ or 🗀— buttons, these functions will not work, and the unit will display "MY LIST PLAY".

Checking or Editing My List Tracks

You can check and edit a list of My List tracks.

1. If a My List track is being played, press the **MY LIST** button.

2. Press the **ENTER** button to display the message below:

    C0 1 02 or 0 1 002

    (01= My List number, 02 or 002= track number)

3. Repeatedly press the 🔳 button or press the 🗀+ or 🗀— button until the desired track is displayed.

4. Press the **VOLUME/JOG** control on the main unit or press the ◄◄ or ►► button to select a different track.

5. Press the 🔳 button to confirm your selection.

6. To play the My List tracks, press the **MY LIST** button on the remote control or press the ►|| button.
    - When using the Checking or Editing the Track functions of the My List mode, you can use the DELETE button to remove a track from the My List track list.
      1. Press the DELETE button on the remote control. "DEL N" is displayed.
      2. Press the DELETE button on the remote control or press the |◄◄ or ►►| button until "DEL Y" is displayed.
      3. When "DEL Y" is displayed, press the ENTER button on the remote control. "REMOVE" appears and the removal is complete.

Bluetooth

You can use a Bluetooth device to enjoy music with high quality stereo sound, all without wires!

What is Bluetooth?

Bluetooth is a technology that enables Bluetooth compliant devices to interconnect easily with each other using a short, wireless connection.

- A Bluetooth device may cause noise or malfunction, depending on usage, when:
  - A part of your body is in contact with the receiving/transmitting system of the Bluetooth device or the Hi-Fi Component.
  - It is subject to electrical variation from obstructions caused by a wall, corner, or office partitioning.
  - It is exposed to electrical interference from same frequency-band devices including medical equipment, microwave ovens, and wireless LANs.
- Pair the Hi-Fi Component with the Bluetooth device while they are close together.
- The greater the distance between the Hi-Fi Component and the Bluetooth device, the worse the quality. If the distance exceeds the Bluetooth operational range, the connection is lost.
- In poor reception areas, the Bluetooth connection may not work properly.
- The Bluetooth connection only works when the Bluetooth device and the Hi-Fi Component are close together. The connection will be automatically cut off if the Bluetooth device is out of range. Even within range, the sound quality may be degraded by obstacles such as walls or doors.
- This wireless device may cause electric interference during its operation.

To connect the Hi-Fi Component to a Bluetooth device

Before you begin, confirm that your Bluetooth device supports the Bluetooth-compliant stereo headset function.

1. Press the **Bluetooth** button of the Hi-Fi Component to display the **BT** message.

- You will see WAIT for a short period of time and then BT READY on the front display of the Hi-Fi Component.

2. Select the Bluetooth menu on the Bluetooth device you want to connect. (Refer to the Bluetooth device's user manual.)

3. Select the Stereo headset menu on the Bluetooth device.
   - You will see a list of scanned devices.

4. Select "**[Samsung] HI-FI xxxxxx J-Series**" from the list.
   - When the product is connected to the Bluetooth device, it will display **Device name ➞ BT** on the front display.
   - If the Bluetooth device has failed to pair with the product , delete the previous "**[Samsung] HI-FI xxxxxx J-Series**" found by the Bluetooth device and have it search for the product again.

5. You can listen to the music playing on the connected Bluetooth device over the Hi-Fi Component system.
   - In **Bluetooth** mode, some model's Play/Stop/Next/Back functions are not available.

| NOTES |

✎ The product only supports Middle Quality SBC data (up to 237kbps@48kHz), and does not support High Quality SBC data (328kbps@44.1kHz).

✎ The AVRCP feature is not supported.

✎ Connect only to a Bluetooth device that supports the A2DP (AV) function.

✎ You cannot connect to a Bluetooth device that supports only the HF (Hands Free) function.

✎ Only one Bluetooth device can be paired at a time.

✎ You may be required to enter a PIN code (password) when connecting the Bluetooth device to the Hi-Fi Component. If the PIN code input window appears, enter <0000>.

Functions

✎ Once you have turned off the Hi-Fi Component and pairing is terminated, pairing will not be restored automatically. To reconnect, you must pair the device again.

✎ The Hi-Fi Component system may not search or connect properly in the following cases:
   - If there is a strong electrical field around the Hi-Fi Component.
   - If the Bluetooth device is turned off, not in place, or malfunctions.

✎ Note that such devices as microwave ovens, wireless LAN adaptors, fluorescent lights, and gas stoves use the same frequency range as the Bluetooth device, which can cause electric interference.

To disconnect the Bluetooth device from the Hi-Fi Component

You can disconnect the Bluetooth device from the Hi-Fi Component. For instructions, see the Bluetooth device's user manual.

• The Hi-Fi Component will be disconnected.

• When the Hi-Fi Component is disconnected from the Bluetooth device, the Hi-Fi Component will display **BT DISCONNECTED** ➜ **BT READY** on the its display.

To disconnect the Hi-Fi Component from the Bluetooth device

Press the another mode button on the front panel of the Hi-Fi Component to switch from Bluetooth mode to another mode or turn off the Hi-Fi Component. The currently connected device is disconnected.

| NOTES |

✎ The connected Bluetooth device will wait a certain amount of time for a response from the Hi-Fi Component before terminating the connection.(Disconnection time may differ, depending on the Bluetooth device)

✎ In Bluetooth connection mode, the Bluetooth connection may be lost if the distance between the Hi-Fi Component and the Bluetooth device exceeds 16.25 feet (5 meters).

✎ If the Bluetooth device comes back into the effective range after disconnecting, you can restart the Hi-Fi Component to restore the pairing with the Bluetooth device.

✎ The Hi-Fi Component automatically turns off after 25 minutes in the Ready mode.

✎ When a Bluetooth device is connected to the Hi-Fi Component system, the Component system automatically switches to the Bluetooth mode if it is in a different mode (except when it is displaying "REQUEST" in the TV SoundConnect mode if the Bluetooth device haven't been paired with the HiFi Component before.).

Using Bluetooth Power On

When the product is turned off, you can connect your smart device to the product via a Bluetooth connection to turn it on.

1. Press and hold the **Bluetooth** button to set the Bluetooth Power On function on. **ON-BLUETOOTH POWER** appears on the display.

2. When the product is off, connect your smart device to the product via Bluetooth. (For information on Bluetooth connections, refer to your smart device's manual.)
   - The Bluetooth device must have been paired with the Hi-Fi Component before.

3. When the connection is complete, the product turns itself on automatically in Bluetooth mode.
   - Select the desired music to play from your smart device.

| NOTE |

✎ Press and hold the **Bluetooth** button to turn the Bluetooth Power On function on or off. Each time you press and hold this button, the Hi-Fi Component displays **ON -BLUETOOTH POWER → OFF-BLUETOOTH POWER** on its display.

Using the Samsung Audio Remote App

Installing the Samsung Audio Remote App

To control the product with your Smart Device and the Samsung Audio Remote app, download the Samsung Audio Remote App by accessing the app through Google Play store.

Market search :
Samsung Audio Remote

ANDROID APP ON
Google play

Accessing the Samsung Audio Remote App

After you install the Samsung Audio Remote app, follow the instructions in the app.

SAMSUNG
Audio Remote
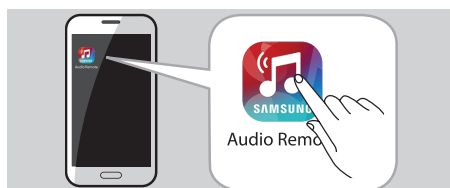
| NOTE |

✎ The APP function only supports Android mobile phone devices running Android OS 3.0 or later.

Functions

TV SoundConnect

You can listen to the sound from your SoundConnect Compatible Samsung TV through the Hi-Fi Component by using the TV SoundConnect function.

Connecting the Hi-Fi Component to a SoundConnect Compatible Samsung TV

Before activating this function, be sure to activate the Samsung TV's SoundConnect or SoundShare mode.

1. Press the **TV SoundConnect** button of the Hi-Fi Component to display the TV SOUNDCONNECT message.

    WAIT ➜ SEARCH ➜ REQUEST

2. Set **Add New Device** to **On** in the TV's SoundConnect Settings menu. (Refer to the TV's user manual for details.)

3. When the Hi-Fi Component is connected to the TV, it will display **[TV] Name ➜CONNECTED ➜ TV** on the front display.

4. The audio from the connected TV plays over the Hi-Fi Component system.

| NOTES |

✎ In TV SoundConnect mode, the Play/Repeat/Stop/Next/Back functions are not available.

✎ The SoundConnect feature is available on some Samsung TVs released since 2012. Check whether your TV supports the SoundShare or SoundConnect function.
(For further details, refer to the TV's user's manual.)

✎ If you unplug the Hi-Fi Component, the TV SoundConnect connection is terminated. To re-establish the connection, plug the Hi-Fi Component into an outlet, and then set the TV SoundConnect connection again.

✎ Only one Hi-Fi Component at a time can be connected to a TV via TV SoundConnect.

✎ To connect to another TV in TV Soundconnect mode, press the ▶❚❚ button for more than 5 seconds, and then connect to the other TV by following the directions above.

To disconnect the TV from the Hi-Fi Component

You can disconnect the TV from the Hi-Fi Component.
For instructions, see the TV's user manual.

• When the Hi-Fi Component is disconnected from the TV, the Hi-Fi Component will display **TV DISCONNECTED ➜ REQUEST** on its display.

To disconnect the Hi-Fi Component from the TV

Press another mode button on the front panel of the Hi-Fi Component to switch from TV SoundConnect mode to another mode or turn off the Hi-Fi Component. The currently connected device is disconnected.

| NOTES |

✎ The connected TV will wait a certain amount of time for a response from the Hi-Fi Component before terminating the connection. (Disconnection time may differ, depending on the TV)

✎ The connection may be lost or sound may stutter if the distance between the TV and the Hi-Fi Component exceeds 6.5 feet (2 m).

✎ Instability in the network environment may cause the connection to be lost or sound to stutter.

✎ In TV SoundConnect mode, the Hi-Fi Component automatically turns off after 25 minutes if it is not connected to a TV.

Using My Karaoke

You can use the MY Karaoke function to sing along with your favorite CDs and USB tracks.

1. Connect a microphone to the MIC jack on the front of the product.
   - If your microphone plug is smaller than the 6.3mm (0.25 in) MIC jack, you need a Connector-Adaptor (not supplied) to complete the connection.
     - First, connect the Connector-Adaptor to the MIC jack on the front of the product,
     - Second, connect the microphone (with larger jack) to the Connector-Adaptor.

2. Press the **MIC VOL-**, **+** button on the remote control to adjust the volume of the microphone.

3. Press the **MY KARAOKE** button on the remote control to suppress the vocal if you need to. Each time the button is pressed, the selection is changed as follows:

   <div align="center">ON ➞ OFF</div>

   - If you hear strange noises (squealing or howling) while using the Karaoke feature, move the microphone away from the speakers. Turning down the microphone's volume or the speaker volume is also effective. Do not aim the MICROPHONE towards the SPEAKERS.
   - The microphone does not operate in the AUX and TUNER mode.
   - If you connect a microphone, GIGA SOUND automatically turns off. To turn Giga Sound back on you must remove the microphone, and then press the **GIGA SOUND BLAST** button.
   - MY KARAOKE is available when a microphone is disconnected to the Hi-Fi component.
   - MY KARAOKE does not operate in the Bluetooth, TV SoundConnect, TUNER, and AUX mode.

Auto Change Function

You can play a disc followed by a USB device connected to USB1 and/or USB2 continuously.

1. Press the **AUTO CHANGE** button, use ∧ , ∨ buttons or ⏮ , ⏭ buttons to select a setting, and then press ⏎ to apply your selection.
   - If My List Play has not been set in CD/USB mode, the settings change as follows: AUTO CHANGE OFF ➞ ALL
   - If My List Play has been set in CD/USB mode, the settings change differently: AUTO CHANGE OFF ➞ ALL ➞ MYLIST
   - When the AUTO CHANGE mode is "ALL", the Hi-Fi Component will play music from DISC, USB1, and USB2 continuously.
   - When the AUTO CHANGE mode is "MYLIST", the Hi-Fi Component will play My List tracks from DISC, USB1, and USB2 continuously.
   - If a file recorded in a format that is not supported by you Hi-Fi Component is included in the My List tracks, Repeat All and Auto Change MyList will not work.
   - If you press the POWER button, another function button, or the OPEN/CLOSE button, the AUTO CHANGE function automatically switches to "OFF" mode.
   - When the Auto Change mode is "ALL or MY LIST", the main unit cannot record.
   - When the Auto Change mode is "ALL or MY LIST", the REPEAT functions automatically switch to OFF.
   - When the Auto Change mode is "ALL or MY LIST", the REC SPEED, USB REC, REPEAT, MY LIST, and DELETE functions do not work, and the unit displays ALL/MY LIST-AUTO CHANGE mode.
   - When the DISC play ends, if there's no device connected to USB1 and/or USB2, the unit will continue to play the disc.
   - When USB play ends, if there's no disc in the unit, the unit will continue to play music from USB1 and/or USB2.

<div align="center">**21** English</div>

Functions

Listening to the Radio

To Store the Stations You Want

You can store up to 15 FM stations,15 AM stations.

1. Select **FM or AM** by pressing the **TUNER** button.

2. To search for a station, press the **TUNING MODE** button on the remote control or the **STOP** button on the product one or more times until **MANUAL** is displayed.

3. Select a station by:
    - Pressing and holding the **TUNING** ⏪, ⏩ button on the remote control to automatically search for active broadcasting stations.

4. Press the **MO/ST** button to switch between stereo and mono.
    - In a poor reception area, select **MONO** for a clear, interference-free broadcast.
    - This applies only when listening to an FM station.

5. If you do not want to store the radio station found, go back to Step 3 and search for another station.

    ### Otherwise:

    a. Press the **MEMORY** button.
        - **FM** followed by a flashing number appears in the display. That number is the current preset number.
    b. Press the ⏪, ⏩ button or the ∧, ∨ buttons to scroll through and select a preset number.
    c. Press the ⟳ button to save the preset.
        - You can select a number from 1 to 15.

6. To store additional radio stations, repeat Steps **3** to **5**.

| NOTES |

✎ **In Tuner mode**
- In the Manual mode, you can use the ⏪ or ⏩ button to change stations.
- In the Preset mode, you can use the ⏪ or ⏩ button to search for a stored radio station.

Selecting a Stored Station

To listen to a stored station, follow these steps:

1. Select **FM or AM** by pressing the **TUNER** button on the product or remote control.

2. Press the **TUNING MODE** button on the remote control until "**PRESET**" is displayed.

3. Press ⏪, ⏩ button on the main unit or **TUNING** ⏪, ⏩ on the remote control to select a preset number.

Timer Function

Setting the Clock

For each step, you have a few seconds to set the required options. If you exceed this time, you must start again.

1. Press the **TIMER SET** button on the remote control twice. "**CLOCK** " is displayed.

2. Press the ⟳ button on the remote control. The hour flashes.
    - To increase the hours: ∧
    - To decrease the hours: ∨

3. When the correct hour is displayed, press the ⟳ button, and then the minutes flash.
    - To increase the minutes: ∧
    - To decrease the minutes: ∨

4. When the correct minute is displayed, press the ⟳ button, and then "⊟TIME" appears in the display.

Setting the Timer

The timer enables you to set the product to switch on or off at specific times automatically.
- Before setting the timer, confirm that the current time is correct.
- For each step, you have a few seconds to set the required options. If you exceed this time, you must start again.
- If you no longer want the product to be switched on or off automatically, you cancel the timer by pressing the **TIMER ON/OFF** button.

Example: You want to wake up to music every morning.

1. Press the **TIMER SET** button until ⊡ **TIME** is displayed.

2. Press the 🔘 button.
   Result: **ON** is displayed for a few seconds. You can set the timer switch-on time.

3. Set the timer switch-on time.
   a. Press the ∧ or ∨ button to set the hours.
   b. Press the 🔘 button.
      Result: The minutes flash.
   c. Press the ∧ or ∨ button to set the minutes.
   d. Press the 🔘 button.
      Result: **OFF** is displayed for a few seconds. You can now set the timer switch-off time.

4. Set the timer switch-off time.
   a. Press the ∧ or ∨ button to set the hours.
   b. Press the 🔘 button.
      Result: The minutes flash.
   c. Press the ∧ or ∨ button to set the minutes.
   d. Press the 🔘 button.
      Result: **VOL XX** is displayed, where **XX** corresponds to the volume already set.

5. Press the ∧ or ∨ button to adjust the volume level and press the 🔘 button.
   Result: The source to be selected is displayed.

6. Press the ∧ or ∨ button to select the source the Hi-Fi Component will play when it switches on.

If you select	You must also
FM /AM(radio)	a. Press the 🔘 button.
	b. Select a preset station by pressing the ∧ or ∨ button.
MP3/CD (compact disc)	Load a compact disc.
USB	Connect a USB device.

7. Press the 🔘 button.
   Result: **CHKREC** (Do you want to record?) is displayed.

8. Press the 🔘 button.
   Result: **REC N** is displayed. You can press the ∧ or ∨ button to select **REC Y** or **REC N**, and then press 🔘 button.
   1) If you select **REC N**, it will cancel tuner timer recording and any currently set tuner timer recording. Note that selecting **REC N** does not cancel the Timer setting.
   2) If you select **REC Y**, you can set the tuner timer recording on and off times.
      a. Press the 🔘 button.
         Result: **ON** is displayed for a few seconds. You can set the tuner timer recording switch-on time.
      b. Press the 🔘 button.
         Result: **OFF** is displayed for a few seconds. You can set the tuner timer recording switch-off time.

| NOTES |

✎ Tuner timer recording On/Off times can differ from Timer On/Off times.

✎ If the timer switch on and off times are identical, the word **ERROR** is displayed.

✎ You can use the ⏮, ⏭ buttons or VOLUME/ JOG on the product instead of the ∧ or ∨ button to make adjustments in Steps 3 through 8.

✎ If the switch-on or -off time is the same as the timer recording time, only the switch-on or -off time is effective, and the timer recording is not applied.

✎ When you use the auto timer, you may need an additional step to use a CD or USB device with it, depending on the disc (or device). Consequently, it is easier to use the tuner instead.

✎ If you select MP3/CD or USB mode when there is no disc or no USB in the product, it will automatically change to TUNER.

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Functions

Cancelling the Timer

After you have set the timer, it will start automatically.If you no longer want to use the timer, you must cancel it.
- To cancel the timer, Press the **TIMER ON/OFF** button once.
- To restart the timer, Press the **TIMER ON/OFF** button once again.

| NOTE |

✎ When you select the OFF-TIMER mode, the TIMER RECORDING and TIMER function are not available.

The Recording Function

Basic Recording

You can record from a CD, radio broadcast, or an external source to a USB storage device.

1. Connect an external USB storage device to the USB 2 (⟲ 2 REC) jack on your product.
2. Play a disc, tune to a station, or connect an external source to your product.

   CD
   - Press the **CD** button on the main unit to select the **MP3/CD** function.
   - Press the **OPEN/CLOSE** button to open the disc tray.
   - Place a CD and press the **OPEN/CLOSE** button to close the disc tray.
   - Use the CD selection buttons (◄◄ or ►►I) to select the desired song.

   Tuner
   - Select TUNER by pressing the **TUNER** button.
   - Tune to a station you want to record.

   External Source
   - Connect an External Component/MP3 player to your product.
   - Press the **AUX1/2** button to select <AUX> input.
   - Play a song from the external device.

   USB 1
   - Connect a USB device to the USB 1 jack of your product
   - Press the **USB** button to select USB 1.
   - Play a song from USB 1.

3. Press the **USB REC** button on the remote control or the **USB REC** button on the main unit to start recording.

   CD
   - "TRACK RECORDING" is displayed and CD recording starts.
   - Press and hold the USB REC button on the remote control or press and hold the **USB REC** button on the main unit to start recording all tracks on the disc. "FULL CD RECORDING" is displayed.

   CD-ROM, USB 1
   - Press the USB REC button. The currently playing file is copied onto the USB2 device.
   - Press and hold the USB REC button. All the files in the current folder are copied onto the USB2 device.
   - If you connect a microphone and press the USB REC button, the currently playing mp3 file and the sound from the microphone is recorded onto the USB2 device.
     MP3 RECORDING: "MP3 RECORDING"→"RECORD" COPY: "CHECK"→"START"→"COPY XX"→"COPY END" is displayed. When the recording is done, "STOP" will be displayed.
   - If there is a duplicate file name, "FILE EXIST" is displayed, and the function is cancelled.

   Tuner /External Source
   - Tuner: "Tuner Recording"→"Record"
   - External Source : "AUX Recording"→"Record"

4. To stop recording, press the **STOP** (■) button. The unit automatically creates and saves recorded files in .MP3 format (SAM-XXXX.MP3).
5. After recording, a directory named "RECORDING(DISCxxxx)"(FULL CD RECORDING), "RECORDING"(TRACK RECORDING), "CD COPY"(CD-ROM/USB), "MP3 RECORDING"(CD-ROM/USB), "TUNER RECORDING" or "AUX RECORDING" is created on your USB device.

| NOTES |

✎ Do not disconnect the USB device or the AC Cord during recording as this may cause damage to the file.

✎ WMA/MP2 files can be copied but not recorded.

✎ If you disconnected the USB device during a recording, the main unit powers off and you will not be able to delete the recorded file from your USB device. If this occurs, please connect the USB device to a PC, back up the USB data to the PC, and then format the USB device.

✎ If the USB has insufficient free memory space, the system will display "NOT ENOUGH MEMORY".

✎ The USB device or HDD you are recording to must be formatted in the FAT file system. The NTFS file system is not supported.

✎ When you use the CD high speed search function, CD recording is not available.

✎ The recording time may be longer with some USB devices.

✎ In the My List or Auto Change mode, you can't use the recording function.

✎ The EQ is set to "OFF" automatically and is not available during a recording.

✎ The GIGA MODE and Football functions are set to "OFF" automatically and are not available during a recording.

✎ The REPEAT function is set to "OFF" automatically and is not available during a recording.

✎ If you use the MIC function during a CD recording, the sound from the microphone will be recorded.

✎ You cannot record the radio when searching or if no stations are available in the Tuner mode.

✎ Note that setting the input level too loud when recording music from an external device through the AUX or USB channel may cause noise in the recording. If this occurs, lower the external device's volume level.

✎ The maximum TUNER/AUX recording time is 5 hours.

✎ If USB2 has no USB device connected, and you press the USB REC button, "USB2 NOT READY" is displayed.

✎ If the Hi-Fi Component does not support the USB device connected to USB2, when you press the USB REC key, "NOT SUPPORTED USB DEVICE" is displayed.

✎ During recording, if you disconnect the microphone, the recording will stop. If you reconnect the microphone, the recording will not restart.

Recording Speed

During the CDDA disc mode, each time you press the **REC SPEED** button on the remote control, the recording speed will change as follows:

NORMAL SPEED RECORD ➔ HIGH SPEED RECORD

● When you record from the tuner or an external source, you cannot change the recording speed.

● If you select HIGH SPEED RECORD, sound is not produced during the recording.

● If you connect the microphone, you have one recording speed mode available: NORMAL SPEED RECORD.

Functions

Special Sound Effects

Selecting PRESET EQ Mode

Your Hi-Fi Component system provides predefined equalizer settings that are optimized for particular music genre.

1. Press the **PRESET EQ** button.
    Each time you press the **PRESET EQ** button repeatedly or press the **PRESET EQ** button first, and then turn the **VOLUME/JOG** control on the product, the mode will change as follows:

    FLAT ➜ RANCHERA ➜CUMBIA ➜ REGGAE ➜ MERENGUE ➜ SALSA ➜ REGGATON ➜ FOLKLORE ➜ PARTY ➜ POP ➜ HIP HOP ➜ ROCK ➜ JAZZ ➜ CLASSIC ➜ ELECTRONIC

| NOTE |

✎ Use the **VOLUME/JOG** to alter the PRESET EQ mode. The PRESET EQ mode you selected will be applied after about 2 seconds.

Selecting USER EQ Mode

You can modify the loudness of an EQ frequency band using the USER EQ mode.

1. Press the **USER EQ** button.
2. Press the **ENTER** button and the EQ band appears.
3. Press the ⊏− or ⊏+ button to move to a desired band.
    Each time you press the **⊏− or ⊏+** button on the remote control, the band will change as follows:
    80H 0 ➜ 200H 0 ➜ 800H 0 ➜ 2KH 0 ➜ 8KH 0
4. Press the ∧ or ∨ button or the VOLUME/JOG control on the front panel to select a level from -6 to +6.
5. Press the **ENTER** button.

| NOTES |

✎ You can also preset EQ first, repeat Steps 2~4, and then press the MEMORY button on the remote control to save your selection to USER EQ.

✎ In addition, you can use the ⏮ or ⏭ button instead of the ∧ or ∨ button.

✎ You can apply the GIGA SOUND effect to the FOOTBALL and EQ functions.

FOOTBALL MODE function

The Football mode brings greater realism to sports broadcasts.

1. Press the **FOOTBALL MODE** button on the product.
    Each time you press this button, the mode changes as follows:

    ANNOUNCER ➜ STADIUM➜ OFF

2. To cancel this function, press the **FOOTBALL MODE** button until "**OFF**" is displayed.

GIGA MODE Function

The GIGA MODE function amplifies the bass sound and provides twice the bass for powerful, realistic sound.

1. Press the **GIGA SOUND BLAST** button on the main unit or the **GIGA** button on the remote control. Each time you press this button, the mode changes as follows:

   GIGA SOUND BLAST → OFF-GIGA SOUND

2. To cancel this function, press the **GIGA** button until "**OFF-GIGA SOUND**" is displayed.

| NOTE |

✎ If you connect a microphone, press the **GIGA** button and the product will display " NOT SUPPORTED".

NON-STOP RELAY Function

The NON-STOP RELAY function plays music continuously without an interval between tracks/files. For example, for two successive mp3 files, the function skips to a position 10 seconds after the start of the second file when there are 10 seconds of playing time left in the first file.
Press the **NON-STOP RELAY** button on the remote control.
Each time you press this button, the mode changes as follows:

   ON-NON-STOP MUSIC RELAY → OFF-NON-STOP MUSIC RELAY

| NOTE |

✎ This function is only available during playback of a CD/USB.

Software update

Samsung may offer updates for the product's system firmware in the future.

If an update is offered, you can update the firmware by connecting a USB device with the firmware update stored on it to the USB port on your product.

Note that if there are multiple update files, you must load them onto the USB device singly and use them to update the firmware one file at a time.

Please visit samsung.com or contact the Samsung Call Center to receive more information about downloading updates files.

- Select USB function, insert a USB device containing the firmware update into the USB port on the main unit.
- Updating firmware may not work properly if audio files supported by the product are stored in the USB storage device.
- Do not disconnect the power or remove the USB device while updates are being applied. The main unit will turn off automatically after completing the firmware update.
- After the update, all settings are reset to their factory default settings. We recommend you write down your settings so that you can easily reset them after the update.
  If the firmware fails to update, we recommend formatting the USB device in FAT16/FAT32 and trying again.
- Once the software update is completed, turn on the product with no disc inserted. The "NO DISC" message appears on the display. Press and hold the STOP button on the main unit for longer than 5 seconds. "INIT " appears on the display and the unit powers off. The upgrade is complete.
- Do not format the USB device in the NTFS format. The product does not support the NTFS file system.
- Depending on the manufacturer, some USB devices may not be supported.
- The product has a DUAL BOOT function. If the firmware fails to update, most functions will become inoperable and "UPGRADE FIRMWARE" will appear on the display. Update the firmware again.

Appendix

Troubleshooting

Refer to the chart below when this product does not function properly. If the problem you are experiencing is not listed below or if the instructions below do not help, turn off the product, disconnect the power cord, and contact the nearest authorized dealer or Samsung Electronics Service Center.

Symptom	Check/Remedy
I cannot eject the disc.	• Is the power cord plugged securely into the outlet? • Turn off the power and then turn it back on.
Playback does not start immediately when the Play/Pause button is pressed.	• Are you using a deformed disc or a disc with scratches on the surface? • Wipe the disc clean.
Sound is not produced.	• No sound is heard during fast playback, slow playback, and step motion playback. • Are the speakers connected properly? Is the speaker setup correctly customized? • Is the disc severely damaged?
The remote control does not work.	• Is the remote control being operated within its operational angle and distance range? • Are the batteries drained?
The product is not working. (Example: The power goes out or the front panel buttons don't work, or you hear a strange noise.) The product is not working normally.	• Press the ■ button (on front panel) for more than 5 seconds with no disc inside. The initialization message appears on the screen, and the power will turn off automatically. When you turn your product on again, all the settings will be reset. Don't use this unless absolutely necessary.
Can't receive radio broadcasts.	• Is the antenna connected properly? • If the antenna's input signal is weak, install an external FM antenna in an area with good reception.

Specifications

GENERAL	Weight	Main unit	3.70 Kg
		Front speaker	5.98 Kg
		Subwoofer	8.88 Kg
	Dimensions	Main unit	405 (W) x 202 (H) x 266 (D) mm
		Front speaker	274 (W) x 414 (H) x 260.2 (D) mm
		Subwoofer	414(W) x 414.5 (H) x 308.5 (D) mm
	Operating Temperature Range		+5°C~+35°C
	Operating Humidity Range		10 % to 75 %
FM Tuner	Signal/Noise ratio		55 dB
	Usable sensitivity		10 dB
	Total harmonic distortion		1 %
AM Tuner	Signal/Noise ratio		30 dB
	Usable sensitivity		70 dB
	Total harmonic distortion		4 %
CD Disc	CD : 12 cm (COMPACT DISC)		Reading Speed : 4.8 ~ 5.6 m/sec.
			Maximum Play Time : 74 min.
Amplifier	Front speaker output		550W/CH (4Ω)(MAX)
	Tweeter output		250W/CH (8Ω) (MAX)
	Subwoofer output (MX-JS5500)		550W/CH (4Ω) (MAX)
	Frequency range		22Hz~20KHz
	S/N Ratio		70 dB
	Channel separation		50 dB
	Input sensitivity		AUX IN1 1.2V, AUX IN2 2.0V

*: Nominal specification

- Samsung Electronics Co., Ltd reserves the right to change the specifications without notice.
- Weight and dimensions are approximate.
- Design and specifications are subject to change without prior notice.
- For information on the power supply and power consumption, refer to the label attached to the product.

Open Source Announcement

To send inquiries and requests regarding open sources, contact Samsung via Email (oss.request@samsung.com).