MX-JS9500

PREMIUM HI-FI Component System

user 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

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SAMSUNG

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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 THE WIDE BLADE OF THE PLUG TO THE WIDE SLOT IN THE WALL OUTLET. INSERT THE PLUG 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 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**

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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 radio or TV.
- 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 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 groundingtype 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 attachment/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 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.

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Safety Information

Precautions

- Ensure that the AC power supply in your house complies with 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 Insert 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 leave the device unused for a long period of time.
- During thunderstorms, disconnect the AC plug from the wall outlet. Voltage spikes 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, excess heat, and 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 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.
- Always check the volume level of your Hi-Fi Component System before playing to ensure that you do not startle others with a sudden burst of loud music.
- 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 1 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 protection jacket and store vertically.

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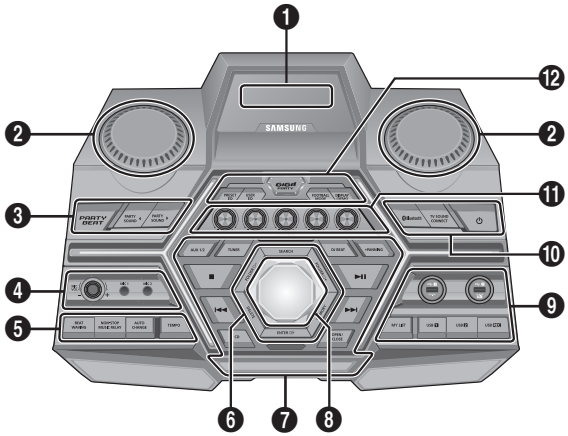
Front Panel



1	Display Panel
2	PARTY BEAT Pads
3	PARTY SOUND ◀ / ▶ button
	PARTY BEAT button
4	MIC 1/2 jacks
	MIC VOL JOG
5	TEMPO button
	AUTO CHANGE button
	NON-STOP MUSIC RELAY button
	BEAT WAVING button
6	SEARCH button
	FOLDER -/+ button
	MEMORY button
	DELETE button
	ENTER button
7	AUX 1/2 Source buttons
	TUNER Source button
	DJ BEAT button for DJ sound effect
	+PANNING button for DJ sound effect
	Remote control sensor
	DISC tray
	BACKWARD SEARCH/SKIP button

7	STOP button
	CD Source button
	PLAY/PAUSE button
	FORWARD SEARCH/SKIP button
	OPEN/CLOSE button for Disc
8	VOLUME/SEARCH JOG
9	MY LIST button
	USB 1/2 Source buttons
	USB REC button
	USB 1 jack for Playback only.
	USB 2 jack for Playing and USB Recording
10	Bluetooth Source button
	TV SOUNDCONNECT Source button
	POWER button • Press this button to switch your product on or off.
11	Equalizer Jogs for adjusting 5-Band EQ 80Hz / 200Hz / 800Hz / 2kHz / 8kHz
12	PRESET EQ button
	USER EQ button
	GIGA PARTY button
	FOOTBALL MODE button
	DISPLAY/DEMO button

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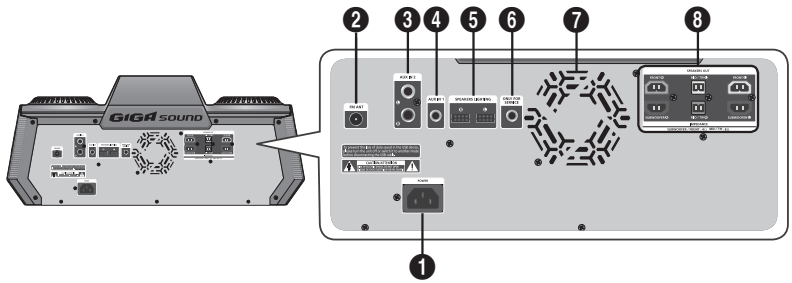
Rear Panel



❶	POWER • Insert only the provided power cable.
❷	FM Antenna Terminals 1. Connect the FM antenna to the FM antenna connector terminal. 2. Slowly move the antenna wire until you find a location where reception is good, then fasten it to a wall or other rigid surface.
❸	AUX IN 2 Terminals 1. Use an Audio Cable (not supplied) to connect AUX IN 2 on the main unit to Audio Out on an 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. • Press the **AUX 1/2** button to select AUX 2. • If the product is in AUX mode for more than eight hours and no buttons on the front panel or remote are pushed, the system will turn off.
❹	AUX IN 1 Terminals 1. Use to connect an external device such as an MP3 player. • Connect AUX IN 1 on the rear panel of the main unit to the Audio Out of an external device/MP3 player. • Press the **AUX 1/2** button to select AUX1.
❺	LED Terminals for Speaker Beat Waving.
❻	ONLY FOR SERVICE • This jack is for testing only. Please do not use.
❼	Cooling fan • The fan operates while the unit is powered on. If you set the unit to the minimum volume, the fan won't operate. Secure a minimum 6 inches (15 cm) of clear space on all sides of the fan when installing the main unit.
❽	4.2 CH Speaker Terminals 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. See below. • LEFT channel (marked Ⓛ, White/Purple). • RIGHT channel (marked Ⓡ, Red/Purple). • MID / TW channel (marked Ⓛ, WHITE) • MID / TW channel (marked Ⓡ, RED) • Don't force the Purple SUBWOOFER connector into the White or Red speaker jack.

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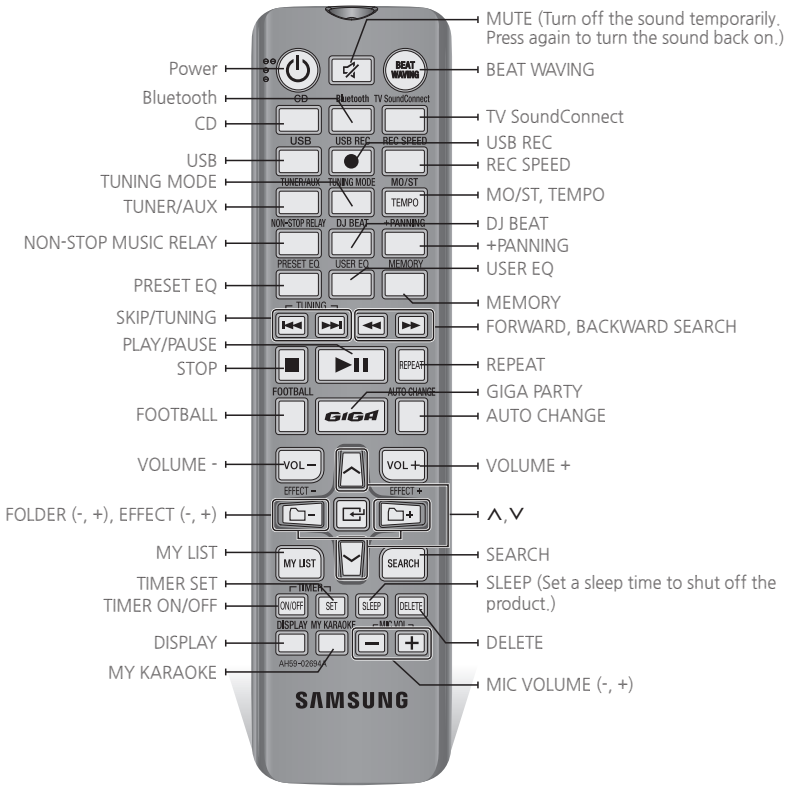
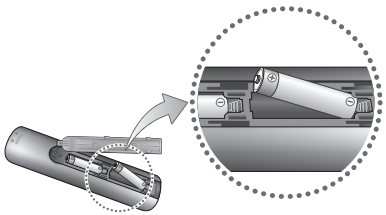
Remote Control



Installing Batteries In The Remote Control

- Place batteries in the remote control so they match the polarity of 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 a danger of explosion if the battery is replaced 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.



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Accessories

Check for the supplied accessories below.

User Manual (AH68-02851A)	Remote Control / Batteries (AH59-02694A/4301-000116)
Power Cable (3903-000467)	FM Antenna (AH42-00021A)

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

Connecting the Speakers

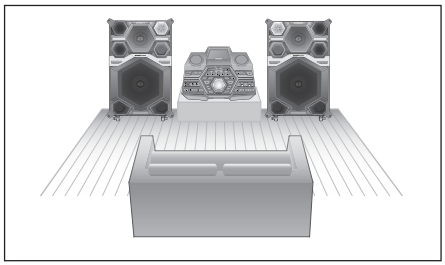
Recommended speaker setup.

I IMPORTANT I

✎ The product may not operate properly if it is subject to shaking or external shocks or if the speakers are not installed as recommended.

✎ Do not stretch the speaker wires or place a heavy object on them.

✎ When using the main unit and speakers, place them on an even (not slanted), firm surface.



Cautions on Moving the Speakers

- Before moving the main unit and speakers, make sure to disconnect all speaker cables between the main unit and the speakers.

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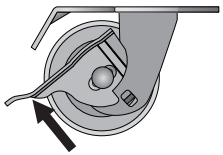
Moving the Speaker Set

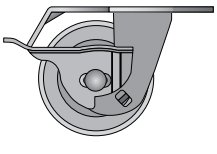
You can move the speakers to and install them in a desired location.

Moving a Speaker

1. Unlock the wheels by pulling up the lock latch in the direction of the arrow.
   - To lock the wheels, pull down the latch.
2. Hold the speaker by the handles located on either side of the speaker's top, and then roll the speaker to its new location.



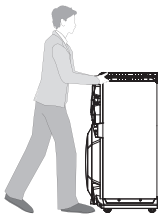
〈 Locked 〉



〈 Unlocked 〉

I CAUTION I

- ✎ Before using the speakers, make sure you have installed them on an even surface and have locked their wheels.
- ✎ Whenever you move a speaker for installation, repair, or cleaning, move it in a straight line (back and forth). Moving it in a zigzag fashion may damage the floor.
- ✎ Be careful not to tip a speaker over when moving it on an uneven surface.
- ✎ Do not place a speaker on a slant or on a slanted surface. otherwise it can move even if its wheels are locked.



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Using The Samsung Audio Remote App

Install Samsung Audio Remote App

To control this product with your Smart Device and the **Samsung Audio Remote** app, download the **Samsung Audio Remote** App from the Google Play store and install it on your Smart Device.

I NOTE I

✎ The **Samsung Audio Remote** app is only compatible with Android mobile phone devices running Android OS 3.0 or later.

Market search :
Samsung Audio Remote

ANDROID APP ON Google play

Launching the Samsung Audio Remote App

To launch and use the **Samsung Audio Remote** app, touch the Audio Remote icon on your smart device, and then follow the directions on the screen.

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 main unit.

Each time you press this button, the display functionality changes in the following order:

- The display automatically darkens if there is no operation of the main unit or the remote control for 5 minutes, and turns on again upon key/remote operation.
  Note that percussion input will not revive the display.
- Set the Dimmer function to ON to keep the display dimmed out.

- **Dimmer function ON**
  The Dimmer function is selected and the display darkens.
- **LED OFF**
  The Front display LED and speaker LED are turned off while the dimmer function is on.
- **Clock ON**
  The Clock you set is displayed.
- **Display/LED ON**
  All displays and the LED are turned on.

The DEMO function

Press the **DISPLAY/DEMO** button for 5 seconds to start the Demo mode.

Each time you press the **DISPLAY/DEMO** button while in Demo mode, Demo mode functionality changes in the following order:

DIMMER ➞ **LED Off** (unit/speaker) ➞ **--:--** [time display] ➞ **LED On** (unit/speaker)

To cancel the Demo mode

- Press the **DISPLAY/DEMO** again for 5 seconds. The DEMO mode is canceled and the product turns off.
- Press the **CD**, **Bluetooth**, **TUNER**, **AUX1/2**, **TV SOUNDCONNECT** or **USB1**, **USB2** button. The DEMO mode is canceled and the mode is changed to the mode you selected.

I NOTES I

✎ When the DEMO function is on, only the **POWER** (⏻), **VOL**, **MUTE** buttons and the buttons mentioned above work.

✎ It mutes DEMO music automatically after 3 minutes. The message remains displayed on the front panel after its playback.

✎ There are two tracks of DEMO music. You can switch between them using ⏮ and ⏭ buttons while playing.

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Playing a CD

Loading a Compact Disc

You can play standard compact discs that require no adapter.

1. Press the **OPEN/CLOSE** button, and then place a disc gently into the tray with the disc's label facing up.
2. Press the **OPEN/CLOSE** button to close the tray and start playing the disc.
   - 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 change to the CD mode.
   - If no buttons are pressed on the main unit 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 main unit or remote control for more than 25 minutes when the product is in Stop mode, the product will turn off.

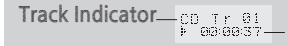
CD/MP3/CD-R Playback

I IMPORTANT I

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

1. Press the **OPEN/CLOSE** button, and then place a disc gently into the tray with the disc's label facing up.
2. Press the **OPEN/CLOSE** button to close the tray and start playing the disc.
   - 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 cannot be displayed.)
   - An English-titled track containing a special character (@, $, *, etc.) will not be displayed.

〈CD Playback Display〉



3. To adjust the volume:
   - Turn the **VOLUME** control on the main unit.
   - Press the **VOL+** or **VOL-** button on the remote control.
     The volume level can be adjusted in 51 steps (Vol min, Vol 1 ~ Vol 49, and Vol max).
4. **PAUSING PLAYBACK**
   Main Unit/Remote control
   To pause playback temporarily, press the ⏯ button.
   Press the ⏯ button to continue playing the disc.
5. To end playing, press the ⏹ button.

I NOTES I

✎ If there is no CD inserted in the disc tray, the unit displays "**NO DISC**".

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

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

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

Selecting a Track

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

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To play the current track from the beginning

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

To play the previous track

Press the ⏮ button twice, 3 seconds or more after the previous track starts playing.

To play the next track

Press the ⏭ button.

To play the track of your choice

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

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.....⏪

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

Repeat One or All Tracks on a CD

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

1. Press the **REPEAT** button on the remote control.
   Each time you press this button, the mode changes as follows:
   MP3/WMA : OFF ➞ TRACK ➞ DIR ➞ ALL ➞ RANDOM
   CD : OFF ➞ TRACK ➞ 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 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 or external HDD (Hard Disk Drive) to the main unit. You can play files in MP3/WMA format.

USB Device Playback

1. Connect the external USB storage device to your main unit.
2. Select the USB mode by pressing the **USB1**, **USB2** button on the main unit or the **USB** button on the remote control.
3. The first file in the first directory plays automatically.
4. To stop playing
   Press the ⏹ button to stop playing.

| IMPORTANT |

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

✎ A maximum of 999 files can be played per USB DEVICE.

To Select a File from a USB Device

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

| NOTE |

✎ If you want to move to the previous/next track, press the ⏮, ⏭ buttons briefly.
- The unit moves to the previous/next track 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.

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To repeat one or all files

1. Press the **REPEAT** button on the remote control.
   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 files on the device.
   - **RANDOM** : Plays files in random order.

I NOTE I

✎ If the file selected to be played is located in a folder, all the files within that folder are played in random order. If the file selected is located in the root folder, all files on the device will be played in random order.

To Use High Speed Search

You can search a desired section quickly while the product is playing.

Press the ◀◀, ▶▶ button.

- Each time you press the ◀◀, ▶▶ button, you move through the section forward/backward quickly.

I IMPORTANT I

✎ 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.

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 main unit or remote control. "**DELETE YES/NO**" is displayed.
3. Use the ∧/∨ buttons on the remote control to select "**DELETE YES**", and then press the ⏎ button. "**DELETE END**" appears. The deletion is complete.

To Move to the Next/Previous Folder and Next/Previous File

Use the **SEARCH** and **FOLDER -**, **+** buttons on the remote control or on the main unit to move to the next/previous file and/or the next/previous folder.

1. Press the **SEARCH** button. The Hi-Fi Component system displays the current and the next tracks on the display panel.
2. If you want to select a track in the current folder, use the **VOLUME/SEARCH JOG** on the main unit or the ∧/∨ buttons on the remote control within 3 seconds to find and select the desired file.
   If you want to search a different folder, go to Step 3 within 3 seconds.
3. Press the **FOLDER -**, **+** buttons repeatedly to display additional folders.
   Press the ⏎ button when the desired folder is displayed. If the unit detects no user input for 3 seconds after a folder is displayed, the unit moves to and plays the first track of the folder.
4. If you want to select a particular file in the folder, use the **VOLUME/SEARCH JOG** on the main unit or press the ∧/∨ buttons on the remote control within 3 seconds to find the desired file in the selected folder.

I NOTE I

✎ When music files are stored in the root directory rather than in a folder, press the **FOLDER -**, **+** button to go to the first track.

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To safely remove a USB device

1. Press the ■ button twice while the USB device 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.
- This product only supports external HDD`s that are formatted in the FAT 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 music 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 Digital Rights Management (DRM) are not supported. 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 unsupported 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 cause a delay 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 a file's 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.

Searching for a Track Quickly

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

CD-DA/MP3-CD/USB

1. Press the **SEARCH** button, and then turn the **VOLUME/SEARCH JOG** control on the main unit to the left or right to select a desired track.
2. Press the ⏎ button when the desired track is displayed.
3. The track will automatically start playing in 3 seconds.

| NOTE |

✎ If no user input is detected within 3 seconds, the unit will automatically start playing the track that is displayed.

Using the MY LIST Function

You can program the playback order of up to 99 CD or USB device tracks of your choice.

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

   LIST 01---

   (01= LIST number, ---= track number)
2. Use the **VOLUME/SEARCH JOG** on the main unit or the ∧/∨ buttons on the remote control to move to a desired track.
3. Press the ⏎ button to confirm your selection. The selection is stored and LIST 02--- is displayed.

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4. To select another track, follow Steps 2 and 3 above.
5. Press the ⏯ or **MY LIST** buttons to play the my list tracks.
6. To turn MY LIST on or off, press the **MY LIST** button for 5 seconds to display "**MY LIST ON/OFF**". Use the **VOLUME/SEARCH JOG** on the main unit or the ∧/∨ buttons on the remote control to select ON or OFF, and then press the ⏎ button.
   - Your selection will be cancelled automatically if there is no input for 5 seconds.
     Even when MY LIST is set to OFF, saved MY LIST items are maintained.
   - If you eject the disc, the CD list is deleted. If you turn off the product, the CD/USB list is deleted.
   - If you disconnect a USB device while it is being used, the USB list is deleted.

| NOTES |

✎ CD/USB MY LIST play will stop if you switch to another mode.

✎ The **USB REC** and **DELETE**, **SEARCH** buttons will not work in MY LIST mode. If you press these buttons while the unit is in MY LIST mode, "**MY LIST PLAY**" will be displayed instead.

✎ If a file in a MY LIST is not in a supported format, playback skips to the next file automatically.

✎ When the recording or copy is completed, the My List of the USB 2 will be canceled.

Viewing or Editing MY LIST Tracks

You can view and edit a list of programmed tracks.

1. Press **MY LIST** once, and then the **FOLDER -, +** buttons to display the message below:

   SAVED 01 002

   (01= List number, 002= track number)
2. Repeatedly press the ⏎ button until the desired track is displayed.
3. Use the **VOLUME/SEARCH JOG** on the main unit or the ∧/∨ buttons on the remote control to select a different track.
4. Press the ⏎ button to confirm your selection.
5. To play the my list tracks, press the ⏯ button.
6. If you press the **DELETE** button while a SAVED track is displayed, "**REMOVE YES/NO**" appears. Use ∧/∨ buttons on the remote to select an option and then press ⏎ button to remove the track of the My List track list.
   - Your selection will be cancelled automatically if there is no input about 5 seconds.

To repeat

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

   OFF → TRACK → ALL

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.

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- 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 **BLUETOOTH** message.
   - You will see WAIT for a short period of time and then **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 "**[Samsung] HI-FI XXXXXX J-Series**" from the list.
   - When the product is connected to the Bluetooth device, it will display **Device name → CONNECTED → BLUETOOTH** 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.
4. 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.

I NOTES I

✎ 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.

✎ 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 a Bluetooth device from the Hi-Fi Component

You can disconnect a 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 displays **DISCONNECTED → READY** on its display.

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To disconnect the Hi-Fi Component from the Bluetooth device

Press 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.

I NOTES I

- ✎ 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 will be lost if the distance between the Hi-Fi Component and the Bluetooth device exceeds 32.80 feet (10 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 Hi-Fi Component System automatically switches to the Bluetooth mode if it was in a different mode.

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 on the remote to set the Bluetooth Power On function On. **Bluetooth Power On** 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.

I NOTE I

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

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.

To connect the Hi-Fi Component to a SoundConnect Compatible Samsung TV

Before activating this function, be sure to set the Samsung TV's SoundConnect or SoundShare function to **On**.

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.

I NOTES I

- ✎ 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.)

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✎ 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 can be connected to a TV via TV SoundConnect at time.

✎ 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 on the previous page.

To disconnect the TV from the Hi-Fi Component

You can disconnect the TV from 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 displays **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 TV is disconnected.

I NOTES I

✎ 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.

✎ When in 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 the microphone to the MIC jack on the front of the main unit.
   - If your microphone plug is smaller than the 1/4 inch (6.3mm) MIC jack, you need a Connector-Adaptor (not supplied) to complete the connection.

   To use the adapter:

   a. Connect the Connector-Adaptor to the MIC jack on the front of the main unit.

   b. Connect the microphone (with the smaller plug) to the Connector-Adaptor.
2. Use the **MIC VOL JOG** on the main unit or the **MIC VOL -, +** buttons 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 you press the button, the selection changes as follows:

   MY KARAOKE ON → MY KARAOKE OFF

   - 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** modes.
   - For My Karaoke mode, this mode works only for CD/MP3, USB playback. and this mode cannot be applied during Tuner, Bluetooth, AUX and TV Sound Connect modes.
   - MY KARAOKE is available when a microphone is disconnected to the Hi-Fi component.
   - When you turn My Karaoke off, all My Karaoke settings are lost.

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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 to select a mode, 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 → AUTO CHANGE ALL

   - If My List Play has been set in CD/USB mode, the settings change differently:

   AUTO CHANGE OFF → AUTO CHANGE ALL → AUTO CHANGE MY LIST

   - 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 "**MY LIST**", the Hi-Fi Component will play My List tracks from DISC, USB1, and USB2 continuously.
     - If you press the **POWER** button, the function change button, or the **OPEN/CLOSE** button, the **AUTO CHANGE** function automatically switches to "**OFF**" mode.
     - The **REPEAT** function is disabled and automatically changes to **OFF**.
   - When a USB device is playing, if you disconnected the USB device, the **AUTO CHANGE** function automatically switches to "**OFF**" mode.
   - If there's no USB device in USB1, the Hi-Fi Component will jump to USB2.
   - When the auto change mode is "**ALL/MY LIST**", the DELETE , MY LIST and REPEAT functions do not work, and the unit displays "**AUTO CHANGE ALL/MY LIST**".
   - When DISC play ends, if there's no USB 1, the unit will play music from USB 2.
   - When DISC play ends, if there's no USB 1 and USB 2, the unit will continue to play the disc.
   - When USB 2 play ends, if there's no DISC, the unit will play music from USB 1.

Listening to the Radio

To Store the Stations You Want

You can store up to: 15 FM stations.

1. Select **FM** by pressing the **TUNER** button.
2. To search for a station, press the **TUNING MODE** button on the remote control or the ■ button on the main unit one or more times until **MANUAL** is displayed.
3. 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.
4. Find a station by:
   - Pressing for a moment and then releasing the **TUNING** ⏮/⏭ or ∧/∨ buttons on the remote control to automatically search for broadcasting stations. The unit will search through the FM band and stop at the next broadcasting station.
5. If you do not want to store the radio station found, go back to Step **4** and search for another station.

   Otherwise:

   a. Press the ⏎ button.

   b. If you don't want to assign a Preset number to the station, press the ⏎ button again to store the station. If you want to assign a Preset number, go to Step c.

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c. If you want to assign a Preset number to the station, press the **TUNING** ⏮/⏭ or ∧/∨ buttons on the remote control to scroll through and select a Preset number. You can select a number from 1 to 15. When done, press the ⏎ button.

6. To store other radio stations, repeat Steps **4** to **5**.

I NOTE I

✎ **In Tuner mode**

- In the **MANUAL** mode, you can use the ⏮ or ⏭ button.
- In the **PRESET** mode, you can use the ⏮ or ⏭ button on the main unit to search for a stored radio station.

Selecting a Stored Station

To listen to a stored station, follow these steps:

1. Select **FM** by pressing the **TUNER** button on the main unit or remote control.
2. Press the **TUNING MODE** button on the remote control or the ■ button on the main unit one or more times until "**PRESET**" is displayed.
3. Press the ⏮, ⏭ buttons on the main unit or the **TUNING** ⏮/⏭ or ∧/∨ buttons on the remote control to select a preset number.
   or
   Use the **TUNING** ⏮/⏭ or ∧/∨ buttons to select a stored station.

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 SET**" 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. "**TIMER PLAY SET**" 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, check 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 must 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 **TIMER PLAY SET** is displayed.
2. Press the ⏎ button.
   Result: **ON TIME** is displayed for a few seconds. You can set the timer switch-on time.
3. Set the timer switch-on time.
   a. Press the ∧/∨ button on the remote control to set the hours.
   b. Press the ⏎ button.
   Result: The minutes flash.
   c. Press the ∧/∨ button on the remote control to set the minutes.
   d. Press the ⏎ button.
   Result: **OFF TIME** is displayed for a few seconds. You can now set the timer switch-off time.

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4. Set the timer switch-off time.
   a. Press the ∧/∨ button on the remote control to set the hours.
   b. Press the ⏎ button.
      Result: The minutes flash.
   c. Press the ∧/∨ button on the remote control to set the minutes.
   d. Press the ⏎ button.
      Result: **VOLUME XX** is displayed, where **XX** corresponds to the volume already set.
5. Press the ∧/∨ button on the remote control to adjust the volume level and press the ⏎ button.
   Result: The source to be selected is displayed.
6. Press the ∧/∨ button on the remote control to select the source the Hi-Fi Component will play when it switches on.

If you select	You must also
FM (radio)	a. Press the ⏎ button. b. Select a preset station by pressing the ∧/∨ button on the remote control.
CD (compact disc)	Load a compact disc.
USB1/USB2	Connect a USB device.

7. Press the ⏎ button.
   Result: **TIMER REC SET** (Do you want to record?) is displayed.
8. Press the ⏎ button.
   Result: **REC SET YES/NO** is displayed. Press the ∧/∨ button on the remote control to select **REC YES** or **REC NO**, and then press ⏎ button.
   1) If you select **REC NO**, it will cancel tuner timer recording and any currently set tuner timer recording. Note that selecting REC NO does not cancel the Timer setting.
   2) If you select **REC YES**, you can set the tuner timer recording on and off times.
      a. Press the ⏎ button.
         Result: **ON TIME** is displayed for a few seconds. You can set the tuner timer recording switch-on time.
      b. Press the ⏎ button.
         Result: **OFF TIME** is displayed for a few seconds. You can set the tuner timer recording switch-off time.

I NOTES I

✎ 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.

✎ 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 CD or USB mode when there is no disc or no USB in the main unit, it will automatically change to TUNER.

Cancelling the Timer

After you have set the timer, it will start automatically. When it starts, the **TIMER ON** message appears on the display. If you no longer want to use the timer, you must cancel it.

- To cancel the timer, Press the **TIMER ON/OFF** button once.

I NOTE I

✎ When you select the **TIMER OFF** mode, the TIMER RECORDING and TIME functions are not available.

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Setting the Sleep Function

Press the **SLEEP** button to set the length of time you want the Hi-Fi Component to stay on before it shuts off automatically.

1. Select a radio station or start playing a CD or USB device. Then, press the **SLEEP** button repeatedly to cycle through the time duration settings below:
   10 → 20 → 30 → 60 → 90 → 120 → 150 → OFF
   - The duration settings are in minutes.
2. Stop when the time you want is displayed.
3. Wait until the SLEEP TIMER display disappears.
   SLEEP TIMER mode is now set and active. The unit will turn off automatically when the remaining time reaches 0.
4. To view the number of minutes remaining in SLEEP TIMER mode, press the **SLEEP** button again.
   Wait a few moments until the time remaining appears.
5. To cancel SLEEP TIMER mode, press the **SLEEP** button repeatedly until "**OFF**" appears in the display. Wait a moment until the SLEEP TIMER display disappears.

The Recording Function

Basic Recording

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

1. Connect an external USB storage device to a USB (⇜ REC) jack on your main unit. You can use USB 2.
2. Play a disc or USB, turn on the radio and select a station, or connect an external source to your main unit as described below.

CD

- Press the **CD** button on the main unit to select the CD function.
- Insert a CD gently into the disc tray.
- Use the CD selection (⏮ or ⏭) buttons to select the desired song.

TUNER

- Select **FM** by pressing the **TUNER** button.
- Select the radio frequency you want to record.

USB 1 (Recording device is on USB 2)

- Connect the USB device with the files you want to record to USB 1 jack.
- Press the **USB1** button to select USB 1.
- Play a song from the USB 1.

External Source

- Connect an External device/MP3 player to the main unit.
- Press the **AUX 1/2** button on the main unit to select **AUX IN 1** or **AUX IN 2**.
- Play a song from the external device.

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

CD

- CD recording starts and "**TRACK RECORD**" and the current track number appear on the display alternately.
- If you want to record all the tracks on the disc, press and hold the **USB REC** button. "**FULL CD RECORD**" is displayed.

RADIO

- "**TUNER RECORD**" is displayed and recording starts.

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CD-ROM/USB

- "**FILE COPY**" is displayed and COPY starts.
- You can also copy a folder containing MP3/WMA files to a device on USB 2. Press and hold the **USB REC** button while the system plays an MP3 or WMA file located in a folder. Your system displays "**FOLDER COPY**", and will record all the files in that folder.
- When the recording is done, "**STOP**" is displayed.
- If there is a file with the same name on the USB 2 device, "**FILE ALRADY EXISTS**" is displayed, and the function is canceled.
- If a microphone is connected to the main unit and you press the **USB REC** button, the currently playing mp3 file and the sound from the microphone is recorded onto the USB2 device.
- Press the **USB REC** button for a second to start FILE COPY. Press and hold the **USB REC** button for a few seconds to start FOLDER COPY.

External Source

- "**AUX RECORD**" is displayed and recording starts.

CD/USB1(MP3) & MIC

- "**MP3 RECORD**" is displayed and recording starts.

4. To stop recording, press the ■ button. The recording is automatically saved as an MP3 file.
5. After the recording is finished, a directory named "**RECORDING(DISCxxxx)**"(FULL CD RECORDING), "**RECORDING**"(TRACK RECORDING) "**CD COPY**"(CD-ROM/USB), "**TUNER RECORDING**", "**AUX RECORDING**" or "**MP3 RECORDING**" is created in your device.

I NOTES I

- ✎ WMA/MP2 files can only be copied not recorded.
- ✎ Do not disconnect the USB device or the AC Cord during recording. You can cause file damage.
- ✎ If you disconnected the USB device during recording, the product will turn off and you will not be able to delete the file that has been recorded. If this occurs, connect the USB device to a PC, back up the USB data to the PC, and then reformat the USB device.
- ✎ If the USB device does not have enough memory, "**NOT ENOUGH MEMORY**" will appear on the display.
- ✎ The Recording function supports the FAT file systems only. The NTFS file system is not supported.
- ✎ When you use the CD high speed search function, the CD recording function is unavailable.
- ✎ With some USB devices, recording time may be longer.
- ✎ In the MY LIST mode, you can't use the recording function.
- ✎ When the Recording function is active, the EQ and GIGA PARTY functions automatically turn off and are unavailable.
- ✎ During a CD recording, the REPEAT function automatically turns off and is unavailable.
- ✎ If you use the MIC function during a CD recording, the voice from the microphone will be recorded.
- ✎ You can not record audio from the radio when searching for a station or if there are no frequencies available when the product is set to Tuner mode.
- ✎ Note that setting the input level too loud when recording music from an external device through the AUX or USB channel may introduce noise into the recording. If this occurs, lower the external device's volume level.

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✎ 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.

Recording Speed

You can select the recording speed before recording.
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.
- During recording, if you disconnect the microphone, the recording will stop. If you reconnect the microphone, the recording will not restart.

I NOTE I

✎ Even if you select HIGH SPEED RECORD, the unit may not record in 4x speed depending on the USB storage device you use.

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, and then turn the **VOLUME/ SEARCH JOG** control on the product, the mode will change as follows:

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

2. After selecting the desired mode, you can use the adjusting JOG to fine tune the **80Hz**, **200Hz**, **800Hz**, **2kHz** and **8kHz** frequency bands to your preference.
3. After making your adjustments, press the **MEMORY** button. "**SAVE TO USER EQ**" appears on the display. The adjusted EQ has been saved as USER EQ.

I NOTES I

✎ Preset EQ Default value is HIP HOP.

Selecting USER EQ Mode

USER EQ mode shows up to 5 equalizer bands depending on your setup.

1. To configure the EQ manually, press the **USER EQ** button.
2. Use the adjusting JOG to fine tune the **80Hz**, **200Hz**, **800Hz**, **2kHz** and **8kHz** frequency bands to your preference.

I NOTES I

✎ When the Hi-Fi Component is recording, the EQ function is turned off automatically and is unavailable.

✎ If no buttons are pressed within 8 seconds, your settings will automatically be cancelled and the previous settings will be saved.

✎ The **PRESET EQ** mode may be different depending on your region.

✎ When you switch the unit to a PRESET EQ mode using the **PRESET EQ** button, the selected EQ mode is activated after 2 seconds.

✎ You can apply the GIGA PARTY effect to the FOOTBALL, EQ functions.

✎ Once you switch the unit to a PRESET EQ mode, the EQ display will disappear.

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FOOTBALL MODE function

The football mode brings greater realism to sports broadcasts.

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

   OFF → ANNOUNCER → STADIUM

2. To cancel this function, press the **FOOTBALL MODE** button on the main unit or **FOOTBALL** button on the remote control until "**OFF**" is displayed.

GIGA PARTY Function

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

1. Press the **GIGA PARTY** 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 PARTY ON → GIGA PARTY OFF

2. To cancel this function, press the **GIGA PARTY** button on the main unit or **GIGA** button on the remote control until "**GIGA PARTY OFF**" is displayed.

BEAT WAVING Function

The Beat Waving function lets you change the Speaker LED display mode.

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

   STARDUST → EMERALD MOON → SOLAR BOMB → SHOOTING STAR → STAR → PARTY 1 → PARTY 2 → PARTY 3 → PARTY 4 → FUN 1 → FUN 2 → PURE → FRESH 1 → FRESH 2 → LOVE 1 → LOVE 2 → JOY 1 → JOY 2 → SUNSET → SUNRISE → NATURE 1 → NATURE 2 → WAVE1 → WAVE2 → AURORA → OFF

2. If you select the **GIGA PARTY ON** at GIGA PARTY mode
   1) If the BEAT WAVING is not set to STARDUST, EMERALD MOON, SOLAR BOMB, SHOOTING STAR or STAR modes, it will automatically switch to one of those, at random.
   2) If selected BEAT WAVING is one of the 5 listed modes, it is maintained.
   3) You can select another general mode by pressing the **BEAT WAVING** button.

| NOTE |

✎ If you select **BEAT WAVING OFF**, all the speaker LED lighting is turned off.

DJ BEAT Function

The DJ Beat function lets you turn on the DJ Beat sound effect functions. The level of each effect is adjustable.

Press the **DJ BEAT** button on the remote control or on the main unit.
Each time you press this button, the mode changes as follows:

- **FLANGER** : Creates an effect similar to the sound of a jet engine revving up and down.
- **CHORUS** : Creates an effect similar to a singing chorus.
- **WAHWAH** : Creates a 'Wah~ Wah~' effect.
- **TREMOLO** : Repeatedly and rapidly turns the volume up and down.
- **FUZZ** : Distorts the original sound to make it harder and harsher.
- **PHASER** : Alters the original sound from clear to dull.
- **SLAPBACK** : Creates the effect of a slapback echo following the original sound.
- **DJ BEAT OFF** : Turns off this function.

| IMPORTANT |

✎ You can set each of the DJ Beat functions from -15 to +15. The initial setting for all functions is 0.

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I NOTES I

✎ You can control the intensity of the effect with the **FOLDER -, +** button.

✎ To cancel an effect, press the effect's button again.

✎ You can also control the effect using the **EFFECT -, +** button on the remote control.

✎ Use the **FOLDER -, +** button to control the intensity of the effect that was activated last. For example, if you activated the WahWah effect and then the Panning effect, the **FOLDER -, +** button will control the Panning effect.

✎ To control the intensity of the effect you applied first, press the button of effect that you applied last to turn it off. Then, you can use the **FOLDER -, +** button to control the intensity of the first effect.

+PANNING Function

Increases the left and right speaker's output in turn and makes it seem as if the sound is moving from side to side.

I NOTE I

✎ To apply the **PANNING** effect to another effect, press the **+PANNING** button when the other effect is active or press another effect button when the **PANNING** effect is active.

NON-STOP MUSIC RELAY Function

The NON-STOP MUSIC RELAY function plays music continuously without an interval between tracks/files. If there were two mp3 files, it skips to the next file's 10 seconds from the start position when the previous track reaches its 10 seconds before the end position.

Press the **NON-STOP MUSIC RELAY** button on the main unit or **NON-STOP RELAY** button on the remote control.

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

NON-STOP RELAY ON ➞ NON-STOP RELAY OFF

I NOTE I

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

TEMPO Function

Use this to change the TEMPO of the music while music is playing.

1. During playback (CD-DA/MP3/WMA), press the **TEMPO** button on the remote control or on the main unit.
2. Select the desired TEMPO by using the **EFFECT -, +** button on the remote control or **VOLUME/SEARCH JOG** on the main unit.

I NOTES I

✎ You can set each of the TEMPO functions from -10 to +10. The initial setting for all functions is 0.

✎ The TEMPO Function does not operate in the Bluetooth, TV SoundConnect, TUNER and AUX mode.

✎ When you turn TEMPO off, all TEMPO settings are lost.

PARTY BEAT Function

The PARTY BEAT function lets you make percussion sound effects by tapping the Party Beat pads on the top of the Hi-Fi Component with your hands. You can adjust the percussion dynamics to provide realistic sound effects.

1. Press the **PARTY BEAT** button on the main unit to toggle **PARTY BEAT ON** or **PARTY BEAT OFF**.
   The display panel shows the current PARTY BEAT status.
2. Select the percussion sound by pressing the **PARTY SOUND▶** or **PARTY SOUND◀** button while **PARTY BEAT** is set to **PARTY BEAT ON**.

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| CAUTION |

- ✎ Do not hit the pads with anything other than your palm to avoid damage to the product. (Do not use a drumstick, club, etc.)
- ✎ Check the volume level of your Hi-Fi Component System before using the pads to ensure you do not startle others with a sudden burst of loud drumming.
- ✎ Hitting the percussion pad with excessive force may damage the inserted CD's surface or may cause the product to malfunction.

| NOTES |

- ✎ Gently tap with your bare palm on the circular pad.
- ✎ This function works by recognizing both vibration and touch.
- ✎ Tapping too frequently may cause intermittent stuttering.

| MANAGEMENT |

- ✎ Do not put things on the Party Beat pads (coffee, water, liquid) and keep their surfaces clear of dust.
- ✎ Be careful not to soil the pads when using them. When cleaning them, use a soft brush or wet towel.
- ✎ To prevent the rubber pads from deteriorating, avoid exposing the product to direct sunlight, high temperatures, or high humidity.

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. "**INITIAL**" 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.
- If the firmware fails to update, most functions will become inoperable and "**PLEASE UPDATE MPEG SW**" will appear on the display. Update the firmware again.

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) 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 play back.

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- 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, you 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 (. / = +).
- Use discs recorded with a compression/ decompression data rate greater than 128Kbps.
- Only a consecutively written multisession disc can be played. If there is a blank segment in the Multisession disc, the disc can be played only up to the blank segment.
- If the disc is not closed, it will take longer to begin playback and not all of the recorded files may play.
- For files 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.

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

I NOTES I

✎ Does not support the WMA Professional codec.

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

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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 the 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 broadcast.	• Is the antenna connected properly? • If the antenna's input signal is weak, install an external FM antenna in an area with good reception.

Important Note About Service

- An administration fee may be charged if either:
  (a) An engineer is called out to your home at your request and there is no defect in the product.
  (b)You bring the unit to a repair center and there is no defect in the product.
- You will be advised of the amount of the administration fee before any work is done or a home visit is made.
- If you have a problem with this product, we strongly recommend you read the appropriate section of this manual, review the Troubleshooting section on this page, visit the Support page for your product at www.samsung.com, or call Samsung Product Support (1-800-726-7864) to find an answer before you contact a service center for a repair.

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Appendix

Specifications

General	Weight	Main unit	18.5 lbs
		Speaker	110.2 lbs x 2
	Dimensions	Main unit	20.7 (W) x 9.4 (H) x 16.1 (D) inches
		Speaker	26.2 (W) x 39.8 (H) x 20.6 (D) inches
	Operating Temperature Range		41°F~95°F (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 %
CD Disc	CD : 5 inches (COMPACT DISC)		Reading Speed : 4.8 ~ 5.6 m/sec.
			Maximum Play Time : 74 min.
Amplifier	Front speaker output		850W/CH (4Ω)
	Subwoofer output		850W/CH (4Ω)
	Mid/Tweeter output		300W/CH (8Ω)
	Frequency range		22Hz~20KHz
	S/N Ratio		65 dB
	Channel separation		60 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.
- Dispose unwanted electronics through an approved recycler.
  To find the nearest recycling location, go to our website: www.samsung.com/recyclingdirect or call, (877)278 - 0799

Open Source Announcement

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

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This SAMSUNG brand product, as supplied and distributed by 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.

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QUESTIONS OR COMMENTS?

Country	CALL	OR VISIT US ONLINE AT	WRITE
IN THE US	1-800-SAMSUNG (726-7864)	www.samsung.com/us/support	Samsung Electronics America, Inc. 85 Challenger Road Ridgefield Park, NJ 07660

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