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

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

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

CAUTION: TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, FULLY INSERT.

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.

CAUTION

• Apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus.
• The Mains plug is used as a disconnect device and shall stay readily operable at any time.
• This apparatus shall always be connected to an AC outlet with a protective grounding connection.
• To disconnect the apparatus from the mains, the plug must be pulled out from the mains socket, therefore the mains plug shall be readily operable.

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

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.

CAUTION

• INVISIBLE LASER RADIATION WHEN OPEN AND INTERLOCKS DEFEATED, AVOID EXPOSURE TO BEAM.

Accessories

Check for the supplied accessories below.

FM Antenna (Optional) User’s Manual Remote Control/ Batteries (Optional) FM/AM Antenna (Optional) Connector-Adaptor (Optional)

• Figures and illustrations in this User Manual are provided for reference only and may differ from actual product appearance.
• An administration fee may be charged if either
  a. 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 manual)
  b. 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 manual).
• The amount of such administration charge will be advised to you before any work or home visit is carried out.
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 (7.5~10cm).
- 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 Hole is empty.
- In order to disconnect the product completely from the power supply, remove the AC plug from the wall outlet, especially when left 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 lead to overheating and malfunction of the product.
- 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.
- Use of this product 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 general household trash.
- The batteries used with this product contain chemicals that are harmful to the environment. Do not dispose of batteries in general household trash.
- Maintain an open space of approximately 6 inches (15 cm) on the sides and rear of the system, for ventilation purposes.
- 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.

Cautions on Handling and Storing Discs

Small scratches on the disc may reduce sound and picture quality or cause skipping.

Be especially careful not to scratch discs when handling them.

Holding discs

- Do not touch the playback side of the disc.
- Hold the disc by the edges so that fingerprints will not get on the surface.
- Do not stick paper or tape on the disc.
Thank you for buying this SAMSUNG mini-compact system. Please take time to read these instructions. They will allow you to operate your system with ease and take full advantage of its features.

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Symbols

4 English
1. POWER button
   - Press this button to switch your mini-compact system.
2. AUTO CHANGE button
3. EQ button
4. Window Display
5. Search/Skip button
6. STOP/Tuning Mode button
7. USB button
8. MP3/CD button
9. TUNER/AUX button
10. MIC jack
11. Disc Tray
12. USB jack
13. USB REC button
14. DELETE button
15. OPEN/CLOSE button
16. PLAY/PAUSE button
17. Search/Skip button
18. VOLUME Control
19. STADIUM button
20. DYNAMIC SPOT button
21. GIGA SOUND BLAST button
Rear Panel

1. 2.0 CH Speaker Connector Terminals (MX-E630/E631/E660/E661 only)
2.1 CH Speaker Connector Terminals (MX-E650/E651 only)
The speakers connector terminals are located on the rear of the system.
1. To achieve the correct sound quality, insert those speaker connector cables to the speaker connector terminals of the system.
   - Left speaker (marked L).
   - Right speaker (marked R).
   - The SUBWOOFER speaker is only for MX-E650/E651.
2. ONLY FOR SERVICE
   - This jack is just for testing, please don’t use it.
3. AUX IN Terminals
   1. Use the Audio Cable (not supplied) to connect AUX IN on the product to Audio Out on the external analog component.
      - Be sure to match connector colors.
      - If the external analog component has only one Audio Out jack, connect either left or right.
      - Press the TUNER/AUX button to select the AUX input.
      - You can select AUX by pressing the FUNCTION button on the remote control.
4. FM/AM(optional) Antenna Connector Terminal
   The position of FM antenna connector terminal may differ depending on your region.
   This product may not support the AM function depending on your region.
   - If this product does not receive AM broadcasts.
     Connect the FM antenna:
     1. Connect the FM antenna (optional) to the FM Antenna jack.
     2. Slowly move the antenna wire around until you find a location where reception is good, then fasten it to a wall or other rigid surface.
     3. If reception is poor, you may need to install an outdoor antenna. To do so, connect an outdoor FM antenna to the FM socket on the rear of the system using a 75Ω coaxial cable (not supplied).
   - If this product can receive AM broadcasts. (Optional)
     Connect the FM/AM antenna:
     1. Plug the connector on the FM/AM antenna (optional) into the FM/AM terminal on the rear of the system.
5. Voltage Selector (Optional)
   Check the position of the voltage selector on the rear of the system (optional).
   This product may not support the Voltage Selector function depending on your region.
**Remote Control**

### Installing batteries in the Remote Control

- Place batteries in the remote control so they match the polarity: (+) to (+) and (–) to (–).
- Always replace both batteries at the same time.
- Do not expose the batteries to heat or a flame.
- The remote control can be used up to approximately 23 feet (7 meters) in a straight line.

* Battery size: AAA

**Display function**

You can view all functions available on the display, adjust the brightness of the display.

Each time you press the DISPLAY button on the remote control, the display mode will change as following:

- **The Demo function**
  All functions available on the system appear on the front panel display.

- **The Dimmer function**
  The Dimmer function is selected and the display darkens.

- **Display ON**
  The Display turns on.

- **Clock ON**
  The Clock you set is displayed.

---

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  The Display turns on.

- **Clock ON**
  The Clock you set is displayed.
CD/MP3/WMA-CD Playback

You can play 12 cm compact disc without an adapter.
This product is designed to play an audio CD, CD-
R, CD-RW, MP3/WMA-CD.
- Gently open or close the CD tray and do not apply
  excessive force.
- Do not put force or place a heavy object on the product.
- Do not insert an out-of-spec. shape of CD such as a
  heart or octangle shaped CD. Otherwise, the product
  may be damaged.
- Care must be taken about maintenance of the compact
discs.

1. Press the OPEN/CLOSE button to open the disc tray.
2. Place a disc gently into the tray with the disc’s label
   facing up.
3. Press the OPEN/CLOSE button to close the disc tray,
   the disc will be played automatically.
   • For MP3/WMA-CD audio, it may take several minutes
     to complete scanning the disc tracks.
   • If you play a file with an English name or a MP3/WMA-
     CD medium in an English title, the song title will be
     shown in the display. (Other languages besides English
     may not be indicated.)
   • An English-titled track containing a special character
     will not show the title in the display.

   <CD/MP3/WMA-CD Playback>Display>
   Track Indicator | i | i | i | i | i | i | Playtime Indicator

4. Adjust the volume according to needs with the
   following procedures.
   • Tuning the VOLUME knob.
   • Press the Vol + or – button of the remote control.
     The volume level can be adjust in 31 steps (VOLUME
     MIN, VOLUME01 - VOLUME 29, and VOLUME MAX).

5. Main Unit
   To pause playback temporarily, press the button.
   Press button again to continue playing the disc.
   Remote control
   To pause playback temporarily, press the button.
   Press button to continue playing the disc.
6. To end playing, press the button.
   • If there is not one CD inserted in the DISC tray, it is indicated as
     “NO DISC”.
   • The quality of MP3/WMA-CD playback may vary depending
     on the condition of the disc containing the music files or the
     condition of the recorder with which the disc was created.
   • If different types of files or unnecessary folders are on the same
     disc, you will have problems with playback.
   • Keep the tray closed whenever you are not using it, to prevent
     dust from entering.
   • You can load or unload compact disc when the radio, usb or
     auxiliary source function is selected, and when you press the
     OPEN/CLOSE button, all of the other functions will be changed
     to MP3/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
     be changed 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
     power will automatically turn off.

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 started playing.
Press the button twice at least 3 seconds after the
current track started playing.
To play the next track
Press the button.
To play the current track
Press the button 3 seconds later after the current
track started playing.
To play the track of your choice
Press the button to move to a desired track.
   • You can also use the Number(0–9) button on the
     remote control to select a track.

Searching for a Specific Music
Passage on a CD

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

            Press ...

Forwards.............................................
Backwards........................................

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

Repeat One or All Tracks on the
Compact Discs

You can repeat playing CD unlimitedly:
• CD containing a specific track.
• Whole tracks of a selected CD.

1. Press the button.
   Each time you press the button, the repeat
   mode will change as following:
   MP3: OFF → TRACK → DIR → ALL → RANDOM
   CD: OFF → TRACK → ALL → RANDOM
2. When you wish to stop the Repeat function,
   press the button until "OFF" is
   displayed:
   • OFF: Cancels Repeat Playback.
   • TRACK: Repeatedly plays the selected track.
   • DIR: Repeatedly plays all tracks in the selected
     folder.
   • ALL: Repeatedly plays the entire disc.
   • RANDOM: Plays tracks in random order.
**A-B Repeat Playback**

You can repeatedly play back a designated section of a CD.

1. Press the REPEAT A-B button at the beginning of desired part.
   - 'RPT A' will be displayed.
2. Press the REPEAT A-B button at the ending of desired part.
   - 'RPT AB' will be displayed.
3. To cancel REPEAT A-B function, press the REPEAT A-B button again.
   - 'OFF' will be displayed.

**REPEAT A-B function is available within a track.**

**10 Skip Function**

Press the +10 or -10 button while in playback mode. This will skip the tracks as many as 10 or -10 from the current track.

**CD Programming**

This function is not available during playback of an MP3/WMA-CD.

- You can program the playback order of up to 24 tracks of your choice.
- However, you must stop playing the CD before selecting tracks.

1. While in CD playback mode, press the STOP (●) button to stop playing the CD.
2. Press the ENTER (▼) button to display the message below:
   
   \[ \begin{array}{c}
   01 = \text{program number} \\
   \text{---} = \text{track number}
   \end{array} \]

3. Use the ◄ or ► button to move to a desired track.
   - Press ◄ to move to the previous track.
   - Press ► to move to the next track.
4. Press the ENTER (▼) button to confirm your selection, the selection is stored and \[ \begin{array}{c}
   \text{---} = \text{track number}
   \end{array} \]

5. To select a different track, following the steps 3 to 4 above.
6. Press the PLAY (►) button to play the programmed tracks.
7. Press the STOP (●) button to stop playing the programmed tracks, Press the STOP (●) button again to cancel playing the programmed tracks.
   - If you open the disc tray or turn off the product, your programming will be canceled.

**Checking or Editing the Programmed Tracks**

You can check a list of programmed tracks and edit them as you want.

1. If a programmed track is being played, press the STOP (●) button once.
2. Press the ENTER (▼) button twice to display the message below:
   
   \[ \begin{array}{c}
   C O \quad 01 \quad 02 \\
   \end{array} \]

   (C=Check, 01= program number)

   ➢ If a total of 24 tracks are already programmed, "C" will be displayed rather than "P" in the display.
3. Repeat pressing the ENTER (▼) button until the desired track is displayed.
4. Press the ◄ or ► button to select a different track.
5. Press the ENTER (▼) button to confirm your selection.
6. To play the programmed tracks, press the PLAY (►) button.

**Auto Change Function**

You can circularly play between the disc and the USB.

1. Press the AUTO CHANGE button on the main unit.
   Each time press this button, the mode will switch as following:

   **AUTO CHANGE OFF ➔ AUTO CHANGE ON**

   • When the auto change mode is "ON", the music will be played on DISC ➔ USB continuously.
   • When the auto change mode is "ON", if you press the POWER button, function change button or the OPEN/CLOSE button, the auto change function automatically switches to "OFF" mode.
   • When USB is playing, if you disconnected the USB, the auto change function automatically switches to "OFF" mode.
   • When USB is playing, if you disconnected the USB, the auto change function automatically switches to "OFF" mode.

   **AUTO CHANGE OFF ➔ AUTO CHANGE ON**

   • When the auto change mode is "ON", the recording can't work.
   • When the auto change mode is "ON", the REPEAT, SLEEP function can't work and automatically changes to OFF.
   • When the auto change mode is "ON", the USB REC, REPEAT, PROGRAM, DELETE and SLEEP function can't work.
   • When the DISC plays end, if there’s no USB, it will still play the DISC music.
   • When the USB plays end, if there’s no DISC, it will still play the USB music.
Playing USB

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

Before you begin!
• Connect the external USB storage device to your product.
• Select the USB mode by pressing the USB button on the main unit or select the USB by pressing the FUNCTION button on the remote control.
• The first track of the first directory plays automatically.

➢ To stop playing
Press the STOP (■) button to stop playing.

➢ To remove the USB device
If you press the STOP (■) button once again, you can remove the USB device safely.

➢ Do not connect a USB recharger to the USB port of this product. Otherwise, the product may be damaged.

To Select a Track from USB Device
You can select an MP3 file during the play.
➢ If you want to move the next/previous(track), press the ◀▶ buttons shortly.
  • It moves the next/previous file within the directory.
  • If you press the ◀▶ buttons more times than the number of the files in the directory, it will move over to the next directory.

To Search a Folder Quickly
1. Press the TUNING/ALBUM button on the remote control to move to the previous/next folder.
2. When the searching is done, you will see the previous/next folder name. The track will start playing.

To Use High Speed Search
You can search the desired section quickly during the play.
➢ Press the ◀▶ button.
  • Each time you press the button, you will move forward/backward fast.
  ➢ The sound will not output in fast playback mode.

To repeat
1. Press the REPEAT button.
  Each time you press the REPEAT button, the repeat mode will change as following:
  OFF ⇒ TRACK ⇒ DIR ⇒ ALL ⇒ RANDOM
2. When you wish to stop the Repeat function, press the REPEAT button until "OFF" is displayed.
  • OFF: Cancels Repeat Playback.
  • TRACK: Repeatedly plays the selected track.
  • DIR: Repeatedly plays all tracks in the selected folder.
  • ALL: Repeatedly plays all tracks.
  • RANDOM: Plays tracks in random order.

To delete a file
You can delete a file on your USB device.
1. Play a file you want to delete.
2. Press the DELETE button.
3. Press ◀▶ to select YES.
4. Press the ENTER button on the remote control or the DELETE button.

The selected file will be deleted.
➢ The NTFS file system is not supported.

To skip next 10 tracks
1. Press the +10 or -10 button while in playback mode.
   This will skip the tracks as many as 10 or -10 from the current track.

Read through the instructions below before using the USB storage
• Some USB devices may not work properly with this product.
• This product supports only an external HDD that is formatted in FAT file system.
• USB 2.0 HDD should be connected to a separate power source. Otherwise, the USB 2.0 HDD will not work at all.
• If an USB external storage is connected to multiple devices, only the MP3 files in the first HDD will be played.
• DRM-applied files are not supported. Digital Right Management: This will restrict unauthorized access to a DRM file so that the copyright of the file is protected from piracy.
• Even if the extension of the file is .mp3, the file cannot be played if it is formatted in MPEG layer1 or 2.
• Do not use an unrecognized USB hub.
• Only the first 15 characters of a MP3/WMA file are displayed.
• Only removable HDDs with less than 160GB are supported. Depending on the device, a 160GB- or more removable HDD may not be supported.
• It will take several minutes to recognize the files in the selected USB device.
• The USB device (USB HDD, in particular) may cause a delay to move to the next track.
• The USB storage supporting only USB VER1.1 may perform a slow access or may not recognize the file properties.
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. Switch the system on by pressing the POWER ( []/1 ) button.
2. Press the TIMER SET button and then press the ENTER ( [ ] ) button, “CLOCK” is displayed.
3. Press the ENTER ( [ ] ) button, the hour flashes.
   • Increase the hours: [ ]
   • Decrease the hours: [ ]
4. When the correct hour is displayed, press the ENTER ( [ ] ) button, the minutes flash.
   • Increase the minutes: [ ]
   • Decrease the minutes: [ ]
5. When the correct minute is displayed, press the ENTER ( [ ] ) button, “TIME” appears in the display.
   • The current time is now set.
   • You can display the time, even when you are using another function, by pressing the TIMER SET button once.
   • You can also use [ ] or [ ] on the front panel instead of ENTER button.

6. Press the TUNING/ALBUM ( [ ] ) or [ ] button to set the minutes.
7. Press the ENTER ( [ ] ) button.
8. Press the ENTER ( [ ] ) button.

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

1. Switch the system on by pressing the POWER ( []/1 ) button.
2. Press the TIMER SET button until “TIME” is displayed.
3. Press the ENTER ( [ ] ) button.
   Result: ON is displayed for a few seconds, you can set the timer switch-on time.
4. Set the timer switch-on time.
   a. Press the TUNING/ALBUM ( [ ] ) or [ ] button to set the hours.
   b. Press the ENTER ( [ ] ) button.
   c. Press the TUNING/ALBUM ( [ ] ) or [ ] button to set the minutes.
   d. Press the ENTER ( [ ] ) button.
   Result: OFF is displayed for a few seconds, you can now set the timer switch-off time.
5. Set the timer switch-off time.
   a. Press the TUNING/ALBUM ( [ ] ) or [ ] button to set the hours.
   b. Press the ENTER ( [ ] ) button.
   Result: The minutes flash.

Timer Function

The timer enables you to switch the system 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 system to be switched on or off automatically, you must cancel the timer by pressing the TIMER ON/OFF button.

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

1. Switch the system on by pressing the POWER ( []/1 ) button.
2. Press the TIMER SET button until “TIME” is displayed.
3. Press the ENTER ( [ ] ) button.
   Result: ON is displayed for a few seconds, you can set the timer switch-on time.
4. Set the timer switch-on time.
   a. Press the TUNING/ALBUM ( [ ] ) or [ ] button to set the hours.
   b. Press the ENTER ( [ ] ) button.
   c. Press the TUNING/ALBUM ( [ ] ) or [ ] button to set the minutes.
   d. Press the ENTER ( [ ] ) button.
   Result: The minutes flash.

Cancelling the Timer

After having set the timer, it will start automatically as shown by the TIMER indication on the display. If you no longer wish to use the timer, you must cancel it.

To...

[ ]

Cancel the timer ... Once.
   Result: [ ] is no longer displayed.

Restart the timer ... Twice.
   Result: [ ] is displayed again.

• When you select the TIMER OFF mode, the TIMER RECORDING and TIME function are not available.
Listening a Radio

You can store up to:
15 FM stations, 15 AM stations (optional).

1. Select FM or AM by pressing the TUNER/AUX button on the main unit.
   You can select FM or AM by pressing the FUNCTION button on the remote control.

2. To search for a station Press TUNING MODE button
   Preset ................ Once or more times until PRESET is displayed.
   You can search the frequencies in the Preset mode.
   Manually ............. Once or more times until MANUAL is displayed.
   You can search the frequencies one by one in the Manual mode.

3. Select the station to be stored by:
   - Pressing the TUNING/ALBUM ▲ or ▼ button on the remote control button to select the preset station.
   - Press and hold the TUNING/ALBUM ▲ or ▼ 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, revert to Step 3 and search for another station. Otherwise:
   a. Press the ENTER button.
   b. Or, press the TUNING/ALBUM button on the remote control to select a program number.
   c. Press the ENTER button to save the preset.

6. To store any other radio frequencies required, repeat Steps 3 to 4.

In Tuner mode
- In the Manual mode, you can use ▼ or ▲ button on the main unit to manual search a radio station.
- In the Preset mode, you can use ▼ or ▲ button on the main unit to search a stored radio station.

Selecting a Stored Station

You can listen to a stored radio station as following:

1. Select FM or AM by pressing the TUNER/AUX button on the main unit.
   You can select FM or AM by pressing the FUNCTION button on the remote control.

2. Press the TUNING MODE button on the remote control until “PRESET” is displayed.

3. Press ▼ or ▲ button on the main unit or TUNING/ALBUM ▲ or ▼ on the remote control to select a desired preset number.

Recording Function

You can record sound of the CD, the Radio Broadcasting or sound from the external source into the USB storage device.

1. Connect the external USB storage device you want to record to the USB (USB) on your product.

2. Play a Disc, adjust the Radio frequency or connect the external source to your product.

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

   Tuner
   - Select TUNER by pressing the TUNER/AUX button on the main unit.
   - Adjust the Radio frequency you want to record.

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

3. Press the USB REC button to start recording.

   CD
   - “TRACK RECORDING” is displayed and CD recording starts.
   - Press and hold the USB REC button to start recording the all tracks of Disc. “FULL CD RECORDING” is displayed.
   - If you play the MP3/WMA file, the file is copied into the USB device totally.
   - “CHECK FILE” → “COPY XX” → “COPY END” is displayed. When the recording is done, “STOP” will be displayed.
   - If there is the same file name, “FILE EXIST” is displayed, and the function is canceled.

   Tuner/External Source
   - RECORDING is displayed.

4. To stop recording, press the STOP (■) button and then automatically create and save as the MP3 file.

5. To remove the USB device safely, press the STOP (■) button once again. After the recording, a directory named “RECORDING”(CD), “CD COPY”(MP3 CD), “TUNER RECORDING” or “AUX RECORDING” will be created in your device.

   - Do not disconnect the USB or the AC Cord during the recording as this may cause file damage.
   - If you disconnected USB device during the recording, the main unit will be power off and you may not delete the recorded file. In this case, please connect the USB device to the PC and backup the USB data on the PC first and then format the USB device.
Recording Speed

You can select the recording speed before recording.

Each time you press the CD REC SPEED button on the remote control, the recording speed will change as follows:

- RECORD SPD x 1
- RECORD SPD x 4

1. While the Tuner or External Source is recording, the recording speed does not support.
2. When you select RECORD SPD x 4, the audio sound will not be output.
3. If you connected the Microphone, you just have one recording speed mode: RECORD SPD x 1.
4. During recording, if you disconnect the Microphone, the recording will stop, even if you reconnect the Microphone, it will still stop.

Selecting EQ Mode

Your mini-compact system supports the predefined equalizer settings between high and low frequencies to be in harmonious with the current music genre.

1. Press the EQ button.

Each time you press this button, the sound mode will switch as following:

- OFF → FLAT → RANCHA → SAMBA → CUMBA → HABANA
- BOOMBA → REGGAE → PARTY → POP → HIPHOP
- ROCK → JAZZ → CLASS → STA+EQ → DYNS+ → MP3+
- VIR+S → U1 B 0 → U2 B 0 → U3 B 0

2. Set the BASS, MIDDLE, TREBLE level.

Press the ENTER button when you select the U1 B 0 / U2 B 0 / U3 B 0.

- Result: The BASS level flash.
- Press the TUNING/ALBUM button to select from -06 to 06.
- Press the ENTER button.

- Result: The MIDDLE level flash.

Using the Stadium Mode

You can directly select the Stadium mode for listening music.

1. Press the STADIUM button on the main unit.

Each time you press this button, the mode will switch as following:

- STA+EQ → OFF
- The STADIUM mode may be different depending on your region.

Using the Dynamic Spot Mode

You can directly select the Dynamic spot mode for listening music.

1. Press the DYNAMIC SPOT button on the main unit.

Each time you press this button, the sound mode will switch as following:

- DYN+S → OFF
- The DYNAMIC SPOT mode may be different depending on your region.

GIGA SOUND function

Your mini-compact system is equipped with the function of GIGA SOUND mode. The function of GIGA SOUND mode amplifies bass and improves high key or bass twice as much for you to appreciate powerful real sound.

1. Press the GIGA SOUND BLAST button on the main unit or the SOUND button on the remote control. Each time press this button, the sound will switch as following:

- ADAPTIVE → OFF → GIGA SOUND

2. To cancel this function, press the GIGA SOUND BLAST button until the “OFF” is displayed.

- The GIGA SOUND mode may be different depending on your region.
Connecting Microphone

You can also insert microphone to sing along with your favorite CDs.

1. Connect the microphone to the MIC jack on the front of the product.
   - If your microphone with a larger jack than 3.5ø MIC jack, you need a Connector-Adaptor(optional) 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 to adjust the volume of the microphone.

3. Press the MY KARAOKE button to suppress the Vocal. Each time the button is pressed, the selection is changed as follows: MIN → MAX → OFF.

NOTE
- 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.
- The microphone does not operate in the AUX, TUNER mode.
- If you connect with the Microphone, GIGA SOUND will automatically turn off. Even if you remove the microphone, it will not turn on.
- After setting my karaoke, EQ/GIGA SOUND does not work.
- After the stop operation, the setting of my karaoke will disappear.
- Only when connected with a Microphone, the MY KARAOKE function is available.

Troubleshooting

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

<table>
<thead>
<tr>
<th>Symptom</th>
<th>Check/Remedy</th>
</tr>
</thead>
<tbody>
<tr>
<td>I cannot eject the disc.</td>
<td>• Is the power cord plugged securely into the outlet?</td>
</tr>
<tr>
<td></td>
<td>• Turn off the power and then turn it back on.</td>
</tr>
<tr>
<td>Playback does not start immediately when the Play/Pause button is pressed.</td>
<td>• Are you using a deformed disc or a disc with scratches on the surface?</td>
</tr>
<tr>
<td></td>
<td>• Wipe the disc clean.</td>
</tr>
<tr>
<td>Sound is not produced.</td>
<td>• No sound is heard during fast playback, slow playback.</td>
</tr>
<tr>
<td></td>
<td>• Are the speakers connected properly? Is the speaker setup correctly customized?</td>
</tr>
<tr>
<td></td>
<td>• Is the disc severely damaged?</td>
</tr>
<tr>
<td>The remote control does not work.</td>
<td>• Is the remote control being operated within its operation range of angle and distance?</td>
</tr>
<tr>
<td></td>
<td>• Are the batteries drained?</td>
</tr>
<tr>
<td>The product is not working.</td>
<td>• While “NO DISC” message appears on the display of the product, press and hold the STOP (■) button on the main unit for longer than 5 seconds with no disc (reset function).</td>
</tr>
<tr>
<td>(Example: The power goes out or the front panel key doesn’t work or a strange noise is heard.)</td>
<td>Using the RESET function will erase all stored settings. Do not use this unless necessary.</td>
</tr>
<tr>
<td>• The product is not working normally.</td>
<td></td>
</tr>
<tr>
<td>Can’t receive radio broadcast.</td>
<td>• Is the antenna connected properly?</td>
</tr>
<tr>
<td></td>
<td>• If the antenna’s input signal is weak, install an external FM antenna in an area with good reception.</td>
</tr>
</tbody>
</table>
## Specifications

<table>
<thead>
<tr>
<th>Specifications</th>
<th>MX-E630/E631/E650/E651</th>
<th>MX-E660/E661</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>General</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Weight (MX-E630/E631)</td>
<td>2.3 Kg</td>
<td></td>
</tr>
<tr>
<td>Weight (MX-E660/E661)</td>
<td>2.7 Kg</td>
<td></td>
</tr>
<tr>
<td>Dimensions</td>
<td>203 (W) x 306 (H) x 280 (D) mm</td>
<td></td>
</tr>
<tr>
<td>Operating Temperature Range</td>
<td>+5°C~+35°C</td>
<td></td>
</tr>
<tr>
<td>Operating Humidity Range</td>
<td>10 % to 75 %</td>
<td></td>
</tr>
<tr>
<td><strong>FM Tuner</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Signal/noise ratio</td>
<td>55 dB</td>
<td></td>
</tr>
<tr>
<td>Usable sensitivity</td>
<td>12 dB</td>
<td></td>
</tr>
<tr>
<td>Total harmonic distortion</td>
<td>0.6 %</td>
<td></td>
</tr>
<tr>
<td><strong>AM Tuner (optional)</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Signal/noise ratio</td>
<td>35 dB</td>
<td></td>
</tr>
<tr>
<td>Usable sensitivity</td>
<td>58 dB</td>
<td></td>
</tr>
<tr>
<td>Total harmonic distortion</td>
<td>1.5 %</td>
<td></td>
</tr>
<tr>
<td><strong>CD Disc</strong></td>
<td>CD : 12 cm (COMPACT DISC)</td>
<td>Reading Speed : 4.8 ~ 5.6 m/sec.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Maximum Play Time : 74 min.</td>
</tr>
<tr>
<td><strong>Amplifier</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Front speaker output</td>
<td>80 W/CH (4 Ω/100 Hz)</td>
<td></td>
</tr>
<tr>
<td>Front speaker output</td>
<td>80 W/CH (4 Ω/100 Hz)</td>
<td></td>
</tr>
<tr>
<td>Subwoofer</td>
<td>100 W (4 Ω/100 Hz)</td>
<td></td>
</tr>
<tr>
<td>Front speaker output</td>
<td>175 W/CH (4 Ω/100 Hz)</td>
<td></td>
</tr>
<tr>
<td>Frequency range</td>
<td>20 Hz~20 KHz</td>
<td></td>
</tr>
<tr>
<td>MX-E630/E631/E650/E651</td>
<td>S/N Ratio : 80 dB</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Channel separation : 65 dB</td>
<td></td>
</tr>
<tr>
<td>MX-E660/E661</td>
<td>S/N Ratio : 75 dB</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Channel separation : 50 dB</td>
<td></td>
</tr>
<tr>
<td>Input sensitivity</td>
<td>(AUX) 800 mV</td>
<td></td>
</tr>
</tbody>
</table>

*: 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.
Contact SAMSUNG WORLD WIDE

If you have any questions or comments relating to Samsung products, please contact the SAMSUNG customer care centre.

<table>
<thead>
<tr>
<th>Area</th>
<th>Contact Center</th>
<th>WebSite</th>
</tr>
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<tbody>
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<td><strong>North America</strong></td>
<td></td>
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</tr>
<tr>
<td>Canada</td>
<td>1-800-SAMSUNG (726-7864)</td>
<td><a href="http://www.samsung.com">www.samsung.com</a></td>
</tr>
<tr>
<td>Mexico</td>
<td>01-800-SAMSUNG (726-7864)</td>
<td><a href="http://www.samsung.com">www.samsung.com</a></td>
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<tr>
<td>U.S.A.</td>
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<td><a href="http://www.samsung.com">www.samsung.com</a></td>
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<td><strong>Latin America</strong></td>
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<td>Argentina</td>
<td>0800-333-3733</td>
<td><a href="http://www.samsung.com">www.samsung.com</a></td>
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<tr>
<td>Brazil</td>
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<td>El Salvador</td>
<td>800-62235</td>
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<td>Saudi Arabia</td>
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