

Installation and Operating Guide | Warranty

**Model Number | LX-140 | Micro Hi-Fi System**  
(Speaker: LXS-M140)



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## IMPORTANT SAFETY INSTRUCTIONS

**CAUTION: PLEASE READ AND OBSERVE ALL WARNINGS AND INSTRUCTIONS IN THIS OWNER'S MANUAL. AND THOSE MARKED ON THE PRODUCT. RETAIN THIS MANUAL FOR FUTURE REFERENCE.**

This product has been designed and manufactured to assure personal safety. Improper use can result in electric shock or fire hazard. The safeguards incorporated in this product will protect you if you observe the following procedures for installation, use, and servicing.




This product does not contain any parts that can be repaired by the user.

**DO NOT REMOVE THE CABINET COVER, OR YOU MAY BE EXPOSED TO DANGEROUS VOLTAGE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL ONLY.**

- 1. Read these instructions.** - All these safety and operating instructions should be read before the product is operated.
- 2. Keep these instructions.** - The safety, operating and use instructions should be retained for future reference.
- 3. Heed all warnings.** - All warnings on the product and in the operating instructions should be adhered to.
- 4. Follow all instructions.** - All operating and use instructions should be followed.
- 5. Do not use this product near water.** - For example: near a bath tub, wash bowl, kitchen sink, laundry tub, in a wet basement; or near a swimming pool; and other areas located near water.
- 6. Clean only with dry cloth.** - Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners.
- 7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.** - Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the product and to protect it from over-heating. The openings should never be blocked by placing the product on a bed, sofa, rug or other similar surface. This product should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instructions have been adhered to.
- 8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.**
- 9. Do not defeat the safety purpose of the polarized or grounding-type plug.** A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- 10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the product.**
- 11. Only use attachments/accessories specified by the manufacturer.**
- 12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with apparatus. When a cart is used, use caution when moving the cart/product combination to avoid injury from tip-over.**
- 13. Unplug this product during lightning storms or when unused for long periods of time.**
- 14. Refer all servicing to qualified service personnel. Servicing is required when the product has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the product, the product has been exposed to rain or moisture, does not operate normally, or has been dropped.**



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		 Indicates hazards likely to cause harm to the unit itself or other material damage.	
		 Indicates special operating features of this unit.	
		 Indicates tips and hints for making the task easier.	

## Before Use

### Safety Precautions

#### Handling the unit

##### When shipping the unit

The original shipping carton and packing materials come in handy. For maximum protection, re-pack the unit as it was originally packed at the factory.

##### To keep the surface clean

Do not use volatile liquids, such as insecticide spray, near the unit. Do not leave rubber or plastic products in contact with the unit for a long period of time. They will leave marks on the surface.

#### Cleaning the unit

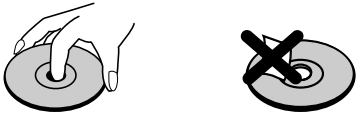
##### To clean the cabinet

Use a soft, dry cloth. If the surfaces are extremely dirty, use a soft cloth lightly moistened with a mild detergent solution. Do not use strong solvents, such as alcohol, benzene, or thinner, as these might damage the surface of the unit.

### Notes on Discs

#### Handling 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.

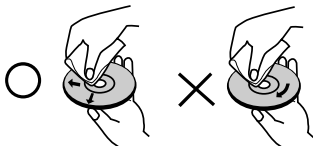


#### Storing discs

After playing, store the disc in its case. Do not expose the disc to direct sunlight or sources of heat, or leave it in a parked car exposed to direct sunlight, as there may be a considerable temperature increase inside the car.

#### Cleaning discs

Fingerprints and dust on the disc can cause poor picture quality and sound distortion. Before playing, clean the disc with a clean cloth. Wipe the disc from the center out.



Do not use strong solvents such as alcohol, benzene, thinner, commercially available cleaners, or anti-static spray intended for analog records.

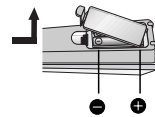
### Notes on Remote Control

#### Remote Control Operation Range

Point the remote control at the remote sensor and press the buttons.

- **Distance:** About 23 ft (7 m) from the front of the remote sensor.
- **Angle:** About 30° in each direction of the front of the remote sensor.

#### Remote control battery installation



Detach the battery cover on the rear of the remote control, and insert two R03 (size AAA) batteries with **+** and **-** aligned correctly.

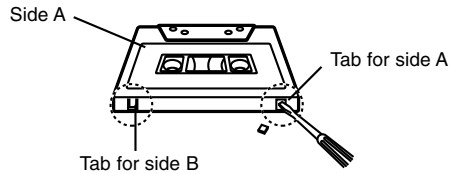
#### Caution

Do not mix old and new batteries. Never mix different types of batteries (standard, alkaline, etc.).

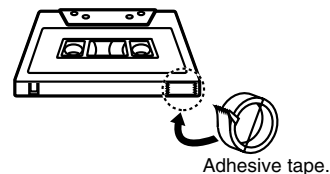
### Notes on Tapes

#### Preventing overwriting a recording

Removing the safety tab(s) of the cassette (with a small screwdriver) will prevent accidental erasure.



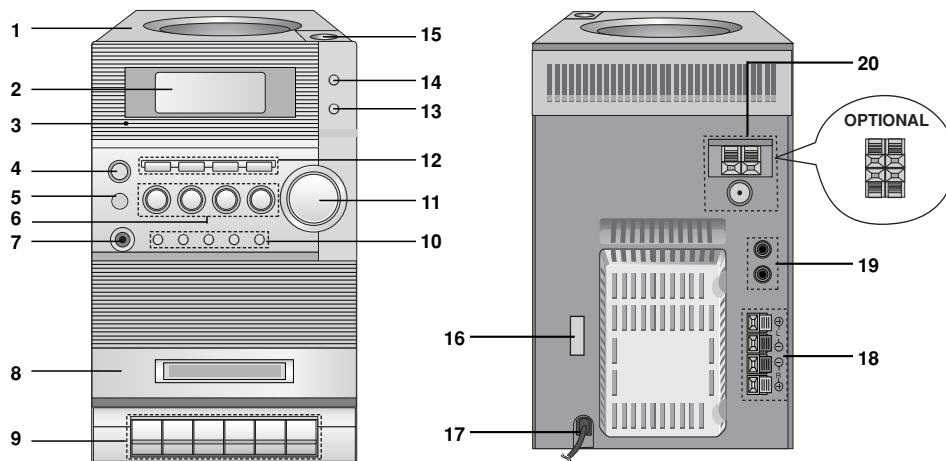
To record again, cover the hole of the tab with adhesive tape.



### Adjusting the voltage (OPTIONAL)

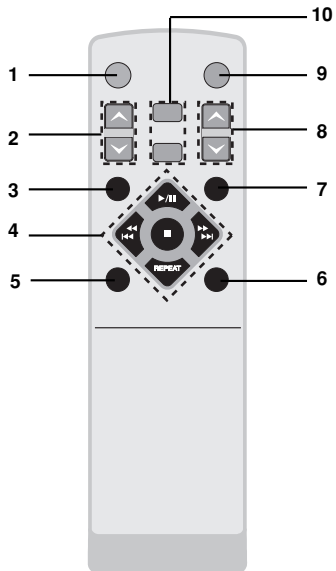
If your unit is equipped with a voltage selector at the back side, be sure to set it to your local power supplied before connecting the AC power cord.

## Front Panel/Rear Panel



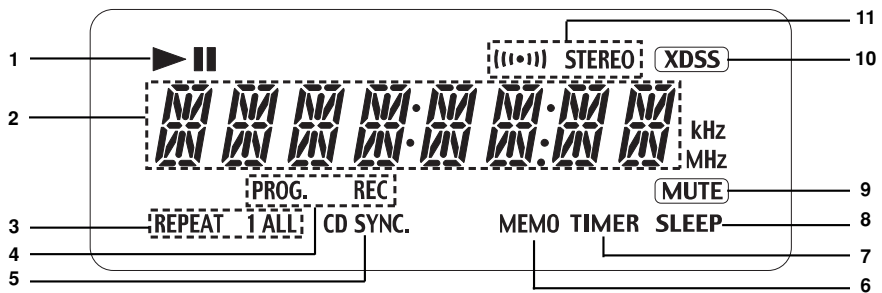
1. CD DOOR
2. DISPLAY
3. POWER indicator
4. POWER (STANDBY/ON) button
5. Remote Control Sensor
6. • CD PLAY/PAUSE (CD ►/||) button
  - TUNING ( √ / ^ ) buttons - TUNER
  - CD SKIP/SEARCH ( ◀◀ ◀◀ / ▶▶ ▶▶ ) buttons
  - PRESET ( √ / ^ ) buttons
7. HEADPHONE SOCKET (PHONES): ∅3.5mm
8. CASSETTE Holder
  - RECORD ( ● ) button - TAPE
  - PLAY ( ► ) button - TAPE
  - REWIND ( ◀◀ ) button - TAPE
  - FAST FORWARD ( ▶▶ ) button - TAPE
  - STOP/EJECT ( ■ / ▲ ) button - TAPE
  - PAUSE ( || ) button - TAPE
9.
  - CLOCK button
  - TIMER button
  - REPEAT button
  - PROGRAM/MEMORY button
  - ( ■ ) STOP/CLEAR button
10. • CLOCK button
  - TIMER button
  - REPEAT button
  - PROGRAM/MEMORY button
  - ( ■ ) STOP/CLEAR button
11. VOLUME CONTROL KNOB
12. • FUNCTION SELECT (FUNCTION) button
  - (TUNER/ CD/ TAPE /AUX)
  - TUNER/BAND button
  - SET button
  - MODE/RIF button
13. EQUALIZER PATTERN (EQ) button
14. XDSS button
15. CD OPEN/CLOSE ( ▲ OPEN/CLOSE ) button
16. VOLTAGE SELECT SWITCH : OPTIONAL
17. POWER CORD
18. SPEAKER TERMINAL
19. AUXILIARY INPUT SOCKET (AUX)
20. ANTENNA TERMINAL

## Remote Control



1. POWER button
2. PRESET (  $\nabla/\blacktriangle$  ) button
3. EQUALIZER PATTERN (EQ PATT.) button
4. CD FUNCTION buttons
  - CD PLAY/ PAUSE (  $\blacktriangleright/\parallel$  ) button
  - CD STOP (  $\blacksquare$  ) button
  - CD SKIP/SEARCH (  $\lll/\lll/\lll/\lll$  ) buttons
  - REPEAT button
5. XDSS button
6. PROGRAM button
7. SLEEP button
8. VOLUME CONTROL (  $\nabla/\blacktriangle$  ) button
9. MUTE button
10. • TUNER/BAND button
  - AUX button

## Display Window

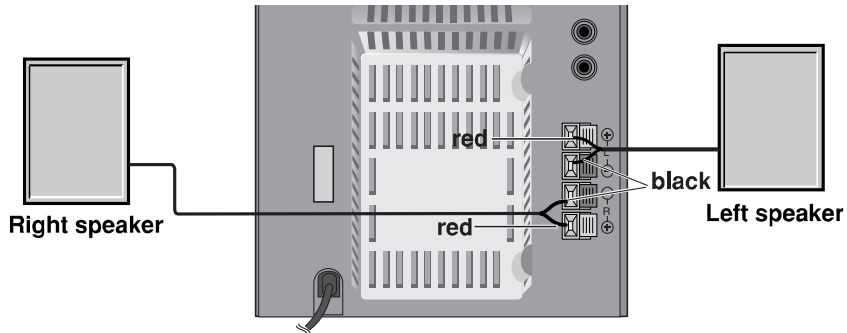


1. PLAY/ PAUSE indicator
2. FUNCTION indicators
3. CD REPEAT indicator
4. • PROGRAM indicator
5. CD SYNCHRO RECORDING indicator
6. MEMORY indicator
7. TIMER indicator
8. SLEEP indicator
9. MUTE indicator
10. XDSS indicator
11. • FM STEREO indicator
  - FM STEREO RECEIVING indicator

## Connections

### Speaker System Connection

Connect the speaker cords to the speaker terminals.

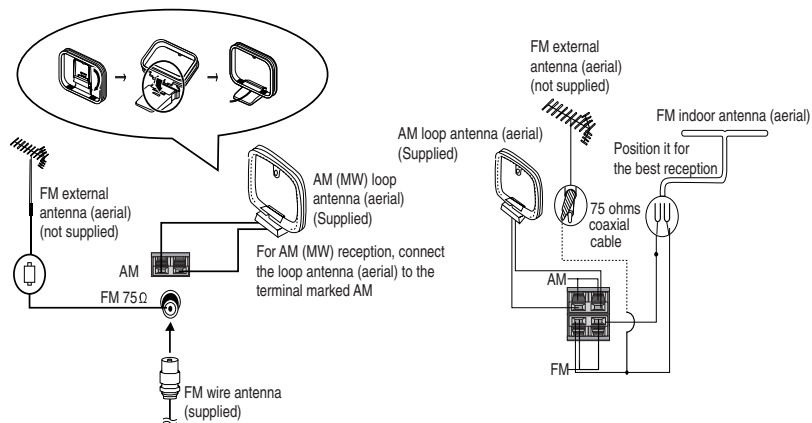


#### Notes

- Be sure to match the speaker cord to the appropriate terminal on the components: + to + and – to –. If the cords are reversed, the sound will be distorted and will lack base.
- If you use front speakers with low maximum input rating, adjust the volume carefully to avoid excessive output on the speakers.
- Do not disassemble the front cover of supplied speaker.

### Antenna (Aerial) Connections

Connect the supplied FM/AM antennas for listening to the radio.



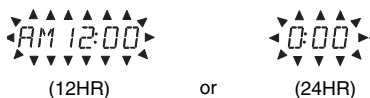
#### Notes

- To prevent noise pickup, keep the AM loop antenna away from the unit and other components.
- Be sure to fully extend the FM wire antenna.
- After connecting the FM wire antenna, keep it as horizontal as possible.



## Setting the CLOCK

- 1 Press **CLOCK**.  
(If the clock requires setting, press and hold **CLOCK** for more than 2 seconds.)  
- The hours begin to flash.
- 2 Select a 12 hour cycle or 24 hour cycle by pressing **TUNING** (  $\vee/\wedge$  ) on the front panel.



- 3 Press **SET** to confirm the selected hour cycle.

- 4 Use **TUNING** (  $\vee/\wedge$  ) buttons to set the correct hours on the front panel.
- 5 Press **SET**.
- 6 Use **TUNING** (  $\vee/\wedge$  ) buttons to set the correct minutes on the front panel.
- 7 Press **SET** and the correct time is shown on the display.
- 8 Press **CLOCK** at any time to display the time for about 3 seconds.

### Note

The unit can also set the clock function in power off state.

## Sleep Function

When the sleep timer is used, the power is automatically turned off after the specified time has elapsed.

- 1 To specify the time delay before the power is turned off, press **SLEEP**.  
In the display window you can see *SLEEP 90* for about 5 seconds. This means that the system turns off automatically after 90 minutes.  
Each time the button is pressed the time interval before it turns off is reduced by 10 minutes. i.e. 80...70... etc.  
Select the desired time to turn off.

### Note

If you press **SLEEP** while the sleep time is displayed, the **SLEEP** time is reset.

### To cancel the sleep timer mode

If you wish to stop the function, press the **SLEEP** button repeatedly until "SLEEP 10" appears, and then press **SLEEP** once again while "SLEEP 10" is displayed.

- 2 To check the remaining time until the power is turned off.  
While the sleep function is active press **SLEEP** briefly. The time remaining until it turns off is displayed for about 5 seconds.

## Auxiliary Function

- 1 Connect an auxiliary device i.e. TV or VCR, via the rear mounted AUX phone sockets.
- 2 Press **AUX**.

### Note

You can also record from the auxiliary input source, see Recording Section.

## Timer Function

With the TIMER function you can have the radio reception and recording, CD play, auxiliary source play and recording turned ON and OFF at the time desired.

**1** Press **CLOCK** to check the current time.

### For your reference

If you don't set clock, timer function doesn't work.

**2** Press **TIMER** to enter the timer setting mode.  
TUNER-CD flashes in the display window in turn.

### For your reference

If you want to correct the previous memorized TIMER setting, press and hold the **TIMER** button more than 2 seconds.

- The previous memorized timer ON time and "TIMER" indicators appear in the display.

**3** Press **SET** when the desired function is flashing.

**4** When you select the **TUNER** or **CD** function.  
- "ON TIME" indicator appears for about 0.5 seconds in the display window and then disappears.

**5** Set the hour to switch on by pressing **TUNING** (  $\vee/\wedge$  ) buttons on the front panel.

**6** Press **SET** to confirm the hour to switch ON.

**7** Set the minute to switch ON by pressing **TUNING** (  $\vee/\wedge$  ) buttons on the front panel.

**8** Press **SET** to confirm the minute to switch ON.  
"OFF TIME" indicator appears for about 0.5 seconds in the display window and then disappears .

**9** Set the hour to switch off by pressing **TUNING** (  $\vee/\wedge$  ) buttons on the front panel.

**10** Press **SET** to confirm the hour to switch OFF.

**11** Set the minute to switch OFF by pressing **TUNING** (  $\vee/\wedge$  ) buttons on the front panel.

**12** Press **SET**.

**13** Adjust the volume level by pressing **TUNING** (  $\vee/\wedge$  ) buttons on the front panel.

**14** Press **SET**.  
"TIMER" appears in the display window and the timer setting has been completed.

**15** Switch the system OFF.  
The selected function is automatically switched ON and OFF at the time set.

### To cancel or check the timer

Each time the **TIMER** button is pressed you can select the timer set or cancel. You can also check the timer setting status.

To activate or check the timer, press the **TIMER** button so that "TIMER" appears in the display window. To cancel the TIMER, press the **TIMER** button so that "TIMER" disappears in the display window.

### Note

The unit can also set the clock function in power OFF state.

## Audio Adjustment

### Volume Adjustment

- Press **VOLUME CONTROL KNOB** clockwise to increase the sound level, or counterclockwise to decrease it on the front panel.
- Press **VOLUME CONTROL** (  $\wedge$  ) to increase the sound level, or press the **VOLUME CONTROL** (  $\vee$  ) to decrease it on the remote control.

### XDSS (Extreme Dynamic Sound System)

Press XDSS to reinforce treble, bass and the surround effect. The "XDSS ON" or "XDSS OFF" indicator lights. To cancel, press XDSS again.

### MUTE

Press **MUTE** to mute your unit.

You can mute your unit in order, for example, to answer the telephone, "MUTE" indicator flashes in the display window.

### Sound Quality Adjustment

#### • To activate stereo sound

You can choose between 4 fixed sound impressions. Select a desired sound mode by using the **EQ PATT.** button.

FLAT : linear frequency response  
ROCK : more bass, more treble  
POP : less bass, less treble  
CLASSIC : for orchestral music

#### • Headphone Socket

Connect a stereo headphone plug ( $\varnothing$  3.5mm) into the headphone jack.

The speakers are automatically disconnected when you plug in the headphones (not supplied).

## Presetting the radio stations

You can preset 50 stations for FM and AM. Before tuning, make sure that you have turned down the volume to the minimum.

**1** Press **TUNER/BAND** to select the FM or AM you want in the display window.  
Every time you press TUNER/BAND, FM and AM changes alternately.

**2** Press **TUNING** (  $\vee/\wedge$  ) on the front panel until the frequency indication starts to change, then release.  
Scanning stops when the unit tunes in a station.

### Notes

- **Tuning in automatically**  
Press **TUNING** (  $\vee/\wedge$  ) for more than 0.5 seconds.
- **Tuning in manually**  
Press **TUNING** (  $\vee/\wedge$  ) briefly and repeatedly.

**3** Press **PROGRAM/MEMORY** on the front panel.  
A preset number will flash in the display window.

**4** Press **PRESET** (  $\vee/\wedge$  ) (or **PRESET** (  $\vee/\wedge$  ) on the remote control) to select the preset number you want.

**5** Press **PROGRAM/MEMORY**.  
- The station is stored.

**6** Repeat steps 3 to 6 to store other stations.

### To clear all the memorized stations

Press and hold **PROGRAM/MEMORY** on the front panel for about two seconds, "CLEAR" appears in the display window and then press **CLEAR**, the stations are cleared.

### For your reference

If all stations have already been entered, FULL message will appear in the display window for a moment and then a preset number will flash. To change the preset number, follow the steps 5-6.

### To recall presets

Press and hold **PRESET** (  $\vee/\wedge$  ) (or **PRESET** (  $\vee/\wedge$  ) on the remote control) until the desired preset number appears or press it repeatedly.

## Listening to the radio

**1** Press **TUNER/BAND** to select the FM or AM you want in the display window.  
The last received station is tuned in.

**2** Press **PRESET** (  $\vee/\wedge$  ) (or **PRESET** (  $\vee/\wedge$  ) on the remote control) repeatedly to select the preset station you want.  
- Each time you press the button, the unit tunes in one preset station at a time.

**3** Adjust the volume by pressing **VOLUME CONTROL KNOB** on the front panel or **VOLUME** (  $\vee/\wedge$  ) on the remote control repeatedly.

### To listen to non-preset radio stations

- Use manual or automatic tuning in step 2.
- For automatic tuning, press and hold **TUNING** (  $\vee/\wedge$  ) on the front panel.

### To turn OFF the radio

Press **POWER** to turn the unit off or select another function mode (CD, TAPE or AUX).

### For your reference

- **If an FM program is noisy**  
Press **MODE/RIF** so that "STEREO" disappears in the display window. There will be no stereo effect, but the reception will improve. Press **MODE/RIF** again to restore the stereo effect.
- **To improve reception**  
Reposition the supplied antennas.

### Notes

- Use **MODE/RIF** (Radio Interference Filter) function to switch to mono reception if stereo reception is distorted by noise.
- When recording the MW(AM) broadcast, beat noises may occur. If it does, press **MODE/RIF** once.

## Tape Playback

### Basic Playback

- 1 Press **FUNCTION** repeatedly to appear **TAPE** indicator.
- 2 Open cassette deck by pushing **STOP/EJECT** (■/▲) button.
- 3 Insert a cassette with the tape side to the bottom and then close deck.
- 4 Press **PLAY** (▶).

### To Stop Play

Press **STOP/EJECT** (■/▲) during playback.

### To Pause Play

Press **PAUSE** (||) during playback. Press this button again it to resume play.

### To Play Fast Rewind or Fast Forward

After pressing **REWIND/FAST FORWARD** (◀◀/▶▶) on the front panel during playback or stopping.

### AUTO STOP DECK

After auto stop deck plays only front side, the unit stops automatically.

## Recording

Wind the tape to the point recording starts. (Use only normal tapes.)

### Basic Setting

- 1 Select the function (**MP3/CD**, **TUNER/BAND** or **AUX**) you want to record.
- 2 Open the cassette deck and insert a blank cassette into the cassette compartment.

### Recording from Radio, CD or Auxiliary source

- 1 Press **FUNCTION** button to select desired recording source, and then press **RECORD** (●) button.  
The recording begins.  
**For your reference**  
When you press **RECORD** (●) button, **PLAY** (▶) button is pressed automatically.
- 2 **To pause recording**  
Press **PAUSE** (||) button during recording.
  - Press **PAUSE** (||) button again to resume recording.
- 3 **To stop recording**  
Press **STOP/EJECT** (■/▲).

### CD to Tape Synchronized Recording

The CD synchro recording function dubs a complete CD and programmed titles automatically into a cassette.

- 1 When you select **CD** function, press **RECORD** (●) button.  
"REC" appears and "CD SYNC" displays in the display window.
- 2 The synchronized recording is started automatically after about 8 seconds.

### Notes

- If you wish to record from the desired track, select the desired track with **CD SKIP/SEARCH** (|◀◀ ◀◀ / ▶▶ ▶▶|) before commencing CD synchro recording.
- The function change is not possible during recording.

## CD Playback

### Basic Playback

- 1** Press **FUNCTION** repeatedly to appear **CD indicator**.  
If no disc is loaded then "NO DISC" is displayed.
  - 2** Press **CD OPEN/CLOSE** (**▲OPEN/ CLOSE**) and place the disc into the disc tray.
- Note**  
To load an 8cm(3 inch) disc, put it onto the inner circle of the tray.
- 3** Press **CD OPEN/CLOSE** (**▲OPEN/ CLOSE**) to close the disc compartment.
  - 4** Press **CD PLAY/ PAUSE** (**▶/||**).

### To Pause Play

Press **CD PLAY/ PAUSE** (**▶/||**) during playback.  
Press this button again it to resume play.

### To Stop Play

Press **CD STOP** (**■**) during playback.

### To Skipping the Track

- Press the **CD SKIP/SEARCH** (**▶▶▶▶**) button to go to the next track.
- When the **CD SKIP/SEARCH** (**◀◀◀◀**) button is pressed once midway through a track, the player returns to the start of that track. When it is pressed again, a track is skipped each time the button is pressed.

### To Play Fast Rewind or Fast Forward

After pressing **CD SKIP/SEARCH** (**◀◀◀◀** / **▶▶▶▶**) buttons for more the 2 seconds on the front panel, then release during playback, press **PLAY** (**▶/||**) at the point you want.

### To Repeat Play

**To play one track repeatedly**  
Press **REPEAT** once during playback.  
- "REPEAT 1" appears in the display.

**To play all tracks repeatedly**  
Press **REPEAT** again during playback.  
- "REPEAT ALL" appears in the display.

**To cancel repeat play**  
Press **REPEAT** once more during playback.  
- "Repeat indicator" disappears.

#### **Note**

This unit can play a CD-R or CD-RW that contains audio titles

### To Program Play

You can arrange the order of the tracks on the discs and create your own program. The program can contain up to 20 tracks.

- 1** Press **PROGRAM/MEMORY** (or **PROGRAM** on the remote control) on the stop mode.
- 2** Press **CD SKIP/SEARCH** (**◀◀◀◀/▶▶▶▶**) buttons to select the track you want.
- 3** Press **PROGRAM/MEMORY** (or **PROGRAM** on the remote control).
- 4** Repeat 1-3.
- 5** Press **CD PLAY/ PAUSE** (**▶/||**).

### To check program contents

Press **PROGRAM/MEMORY** (or **PROGRAM** on the remote control) on the stop mode.  
- A track and program number will be displayed.

### To clear program contents

Press **PROGRAM/MEMORY** (or **PROGRAM** on the remote control) on the stop mode. And then press (**■**)**STOP/CLEAR** on the front panel or **STOP**(**■**) on the remote control.

### To add program contents

1. Press **PROGRAM/MEMORY** (or **PROGRAM** on the remote control) repeatedly on the program stop mode until "Track Number" blinks.
2. Repeat 2-5.

### To modify program contents

1. Press the **PROGRAM/MEMORY** (or **PROGRAM** on the remote control) to display program number you want to modify.
2. Repeat 2-4.

## Troubleshooting

Check the following guide for the possible cause of a problem before contacting service.

Symptom	Cause	Correction
No power.	<ul style="list-style-type: none"> <li>The power cord is disconnected.</li> </ul>	<ul style="list-style-type: none"> <li>Plug the power cord into the wall outlet securely.</li> </ul>
No sound.	<ul style="list-style-type: none"> <li>The audio cables are not connected securely.</li> </ul>	<ul style="list-style-type: none"> <li>Connect the audio cable into the jacks securely.</li> </ul>
	<ul style="list-style-type: none"> <li>The power of the external source equipment is switched OFF.</li> </ul>	<ul style="list-style-type: none"> <li>Switch ON the external source equipment.</li> </ul>
The unit does not start playback.	<ul style="list-style-type: none"> <li>No disc or tape is inserted.</li> </ul>	<ul style="list-style-type: none"> <li>Insert a disc or tape.</li> </ul>
	<ul style="list-style-type: none"> <li>An unplayable disc or tape is inserted.</li> </ul>	<ul style="list-style-type: none"> <li>Insert a playable disc or tape.</li> </ul>
	<ul style="list-style-type: none"> <li>The disc is placed upside down.</li> </ul>	<ul style="list-style-type: none"> <li>Place the disc with the playback side down.</li> </ul>
	<ul style="list-style-type: none"> <li>The disc is not placed within the guide.</li> </ul>	<ul style="list-style-type: none"> <li>Place the disc on the disc tray correctly inside the guide.</li> </ul>
	<ul style="list-style-type: none"> <li>The disc is dirty.</li> </ul>	<ul style="list-style-type: none"> <li>Clean the disc.</li> </ul>
The remote control does not work properly.	<ul style="list-style-type: none"> <li>The remote control is not pointed at the remote sensor of the unit.</li> </ul>	<ul style="list-style-type: none"> <li>Point the remote control at the remote sensor of the unit.</li> </ul>
	<ul style="list-style-type: none"> <li>The remote control is too far from the unit.</li> </ul>	<ul style="list-style-type: none"> <li>Operate the remote control within about 23 ft (7 m).</li> </ul>
	<ul style="list-style-type: none"> <li>There is an obstacle in the path of the remote control and the unit.</li> </ul>	<ul style="list-style-type: none"> <li>Remove the obstacle.</li> </ul>
	<ul style="list-style-type: none"> <li>The batteries in the remote control are exhausted.</li> </ul>	<ul style="list-style-type: none"> <li>Replace the batteries with new ones.</li> </ul>

## Specifications

[General]	Power supply	Refer to the back panel of the unit.	
	Power consumption	20W	
	Mass	6.6 lb	
	External dimensions (WxHxD)	5.74 X 9.21 X 9.88 inch	
[CD]	Frequency response	40 - 18000 Hz	
	Signal-to-noise ratio	60 dB	
	Dynamic range	60 dB	
[Tuner]	FM	Tuning Range	87.5 - 108.0 MHz
		Intermediate Frequency	10.7 MHz
		Signal to Noise Ratio	55/50 dB
		Frequency Response	60 - 10000 Hz
	AM (MW)	Tuning Range	530 - 1720 kHz
		Intermediate Frequency	450 kHz
		Signal to Noise Ratio	35 dB
		Frequency Response	100 - 1800 Hz
[Amp]	Output Power	5W + 5W	
	T.H.D	0.5%	
	Frequency Response	60 - 20000 Hz	
	Signal-to-noise ratio	60 dB	
[TAPE]	Tape Speed	4.75cm/sec	
	Wow Flutter	0.25% (MTT -111, JIS-WTD)	
	F.F/REW Time	120sec (C-60)	
	Frequency Response	250 - 8000Hz	
	Signal to Noise Ratio	43dB	
	Channel Separation	50dB(P/B)/45dB(R/P)	
	Erase Ratio	55dB (MTT-5511)	
[Speakers]	Type	1 Way 1 Speaker	
	Impedance	4 Ω	
	Frequency Response	100 - 18000 Hz	
	Sound Pressure Level	88 dB/W (1m)	
	Rated Input Power	5W	
	Max. Input Power	10W	
	Net Dimensions (WxHxD)	5.74 x 9.21 x 7.16 inch	
	Net Weight (1EA)	3.0 lb	

REFERENCE

Designs and specifications are subject to change without notice.

**ZENITH  
LIMITED WARRANTY – USA**

Zenith will repair or replace your product, at Zenith's option, if it proves to be defective in material or workmanship under normal use, during the warranty period ("Warranty Period") listed below, effective from the date ("Date of Installation") of original consumer purchase of the product. This warranty is good only to the original purchaser of the product and effective only when used in the United States, excluding U.S. Territories.

<p><b>WARRANTY PERIOD:</b></p> <p><b>LABOR: 90 DAYS</b> from the Date of Purchase.</p> <p><b>PARTS: ONE YEAR</b> from the Date of Purchase.</p> <p><b>Replacement Unit</b> is warranted for the remaining period of the original warranty.</p>	<p><b>HOW SERVICE IS HANDLED:</b></p> <p><b>This is an Exchange Product. Call 1-877-993-6484</b> for instructions on getting the defective unit replaced.</p> <p><b>Please retain dated sales receipt and your box</b> to return the unit to LG for repair or replacement.</p> <p>Shipping charges both ways will be paid by Zenith during the first 90 days of the Warranty Period. During the remainder of the Warranty Period (91-365 days), you pay in-bound shipping charges and Zenith pays return shipping charges.</p> <p>Visit our website at <a href="http://www.zenithservice.com">http://www.zenithservice.com</a></p>
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**THIS WARRANTY IS IN LIEU OF ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION, ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. TO THE EXTENT ANY IMPLIED WARRANTY IS REQUIRED BY LAW, IT IS LIMITED IN DURATION TO THE EXPRESS WARRANTY PERIOD ABOVE. ZENITH WILL NOT BE LIABLE FOR ANY CONSEQUENTIAL, INDIRECT, OR INCIDENTAL DAMAGES OF ANY KIND, INCLUDING LOST REVENUES OR PROFITS, IN CONNECTION WITH THE PRODUCT. SOME STATES DO NOT ALLOW LIMITATION ON HOW LONG AN IMPLIED WARRANTY LASTS OR THE EXCLUSION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS OR EXCLUSIONS MAY NOT APPLY TO YOU.**

**THIS LIMITED WARRANTY DOES NOT APPLY TO:**

- Damages or operating problems that result from shipping, installation, adjustment of user controls, calibration, maintenance or failure to maintain, or separate system components; and
- Damages or operating problems that result from normal wear and tear, misuse, abuse, operation outside environmental specifications or contrary to the requirements or precautions in the Operating Guide, accident, lightning strikes or other natural causes, unauthorized modification or alteration, incorrect electrical current or voltage, signal reception or input, software not licensed directly by LG, software errors that do not disable functionality, operating and software protocols adopted after the date of manufacture or for outside the US, institutional or commercial use, or other causes not arising out of defect in material or workmanship.

The cost of repair or replacement under these excluded circumstances shall be borne by the consumer.

**CUSTOMER INTER-ACTIVE CENTER NUMBERS:**

<p><b>For Warranty Service, Where to buy, Product Assistance, or Customer Assistance</b></p>	<p><b>Call 1-877-9Zenith (1-877-993-6484)</b> (24 hours a day, 365 days per year) and select an appropriate option from the menu.</p> <p>Or visit our website at <a href="http://www.zenithservice.com">http://www.zenithservice.com</a></p> <p>To contact us by mail:          LG Customer Interactive Center, PO Box 240007          201 James Record Road, Huntsville, AL 35824          Attn: CIC</p>
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**FOR WARRANTY SERVICE:**

You must call 1-877-993-6484 (24 hours a day, 365 days per year) and select an appropriate option from the menu to confirm the product is defective and to obtain a Return Authorization (RA). If the defect has occurred during the first 90 days of the Warranty Period, Zenith will send you a return-shipping label. After you obtain an RA for return, please box your unit with a legible copy of the sales receipt and enough packing material to ensure undamaged delivery of your product. When you receive the label, place it on the box and call the 800# in the instructions for pick-up. When your unit is received, Zenith will repair or replace your unit in accordance with this Limited Warranty.

**ADVANCE SHIPMENT.** If a replacement unit is available and you want second day delivery, our service representative will ask for your credit card number. Zenith requires a reserved deposit by credit card as surety for such advance shipment. Your credit card will not be charged if you return the defective unit in 10 business days. For advance shipment, the return label will come with the replacement unit sent to you. Please follow boxing and shipping instructions above.

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