

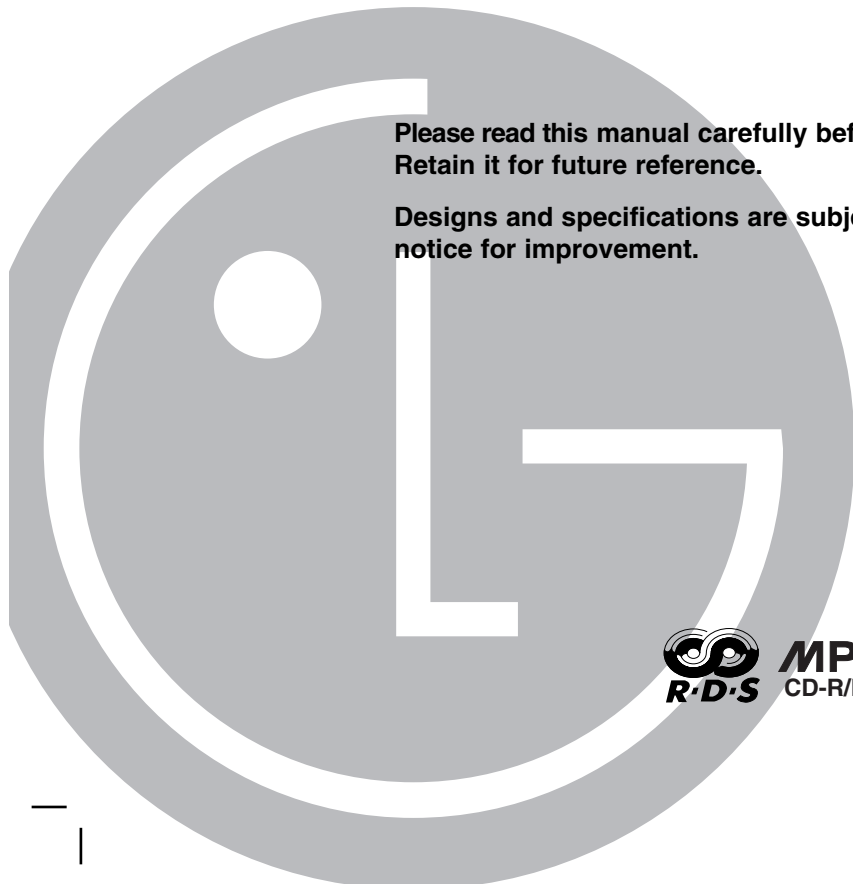


MICRO HI-FI SYSTEM OWNER'S MANUAL

MODEL: LX-U150
(LX-U150A/D/X, LXS-U150)

Please read this manual carefully before operating your set.
Retain it for future reference.

Designs and specifications are subject to change without
notice for improvement.



USB



MP3
CD-R/RW


COMPACT
disc
DIGITAL AUDIO




Safety Precaution



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

 This lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of uninsulated dangerous voltage within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

 The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

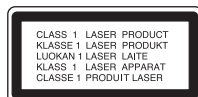
WARNING: TO PREVENT FIRE OR ELECTRIC SHOCK HAZARD, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE.

CAUTION:

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 be 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 instruction have been adhered to.



CAUTION: VISIBLE AND INVISIBLE LASER RADIATION WHEN OPEN AND INTERLOCKS DEFEATED.

CAUTION: This product employs a Laser System.

To ensure proper use of this product, please read this owner's manual carefully and retain it for future reference. Should the unit require maintenance, contact an authorized service center.

Performing controls, adjustments, or carrying out procedures other than those specified herein may result in hazardous radiation exposure.

To prevent direct exposure to laser beam, do not try to open the enclosure. Visible laser radiation when open. DO NOT STARE INTO BEAM.

CAUTION: The apparatus should not be exposed to water (dripping or splashing) and no objects filled with liquids, such as vases, should be placed on the apparatus.

CAUTION concerning the Power Cord

Most appliances recommend they be placed upon a dedicated circuit;


That is, a single outlet circuit which powers only that appliance and has no additional outlets or branch circuits.

Check the specification page of this owner's manual to be certain.

Do not overload wall outlets. Overloaded wall outlets, loose or damaged wall outlets, extension cords, frayed power cords, or damaged or cracked wire insulation are dangerous. Any of these conditions could result in electric shock or fire. Periodically examine the cord of your appliance, and if its appearance indicates damage or deterioration, unplug it, discontinue use of the appliance, and have the cord replaced with an exact replacement part by an authorized servicer.

Protect the power cord from physical or mechanical abuse, such as being twisted, kinked, pinched, closed in a door, or walked upon. Pay particular attention to plugs, wall outlets, and the point where the cord exits the appliance.

To disconnect power from the mains, pull out the mains cord plug. When installing the product, ensure that the plug is easily accessible.

 **This product is manufactured to comply with the radio interference requirements of EEC DIRECTIVE 89/336/EEC, 93/68/EEC and 73/23/EEC.**



Disposal of your old appliance

1. When this crossed-out wheeled bin symbol is attached to a product it means the product is covered by the European Directive 2002/96/EC.
2. All electrical and electronic products should be disposed of separately from the municipal waste stream via designated collection facilities appointed by the government or the local authorities.
3. The correct disposal of your old appliance will help prevent potential negative consequences for the environment and human health.
4. For more detailed information about disposal of your old appliance, please contact your city office, waste disposal service or the shop where you purchased the product.

Before use

Contents

Before use	3-5	Presetting the Radio Stations /	
Contents /About the symbols for		Listening to the Radio	10
instructions	3	Tape Playback / Recording	11
Front/Rear panel	4	CD Playback	12
Remote control	5	To Program Play / About MP3/WMA	13
Connections	6	USB Function	14
Speaker System Connection / Antenna		Reference	15
(Aerial) Connections / Auxiliary Function ..	6	Notes on Tapes / Notes on Discs /	
Operation	7-14	Troubleshooting	15
Setting the Clock / TIMER Function	7	Specifications	16
Sleep Function / Audio Adjustment	8		
RDS Function - OPTIONAL	9		

Before use

POWER: This unit operates on a mains supply of 200-240V, 50/60Hz.

WIRING: This unit is supplied with a BSI 1363 approved 13 amp mains plug, fused at 5 amp. When replacing the fuse always use a 5 amp BS 1362, BSI or ASTA approved type. Never use this plug with the fuse cover omitted. To obtain a replacement fuse cover contact your dealer. If the type of plug supplied is not suitable for the mains sockets in your home, then the plug should be removed and a suitable type fitted. Please refer to the wiring instructions below:

WARNING: A mains plug removed from the mains lead of this DVD player must be destroyed. A mains plug with bared wires is hazardous if inserted in a mains socket.

Do not connect either wire to the earth pin, marked with the letter E or with the earth symbol \perp or coloured green or green and yellow.

If any other plug is fitted, use a 5 amp fuse, either in the plug, or at the distribution board.

IMPORTANT: The wires in this mains lead are coloured in accordance with the following codes:
- **BLUE: NEUTRAL, BROWN: LIVE** - As the colours of the wires in the mains lead of this DVD player may not correspond with the coloured marking identifying the terminals in your plug, proceed as follows: The wire which is coloured blue must be connected to the terminal which is marked with the letter N or coloured black. The wire which is coloured brown must be connected to the terminal which is marked with the letter L or coloured red.

About the symbols for instructions



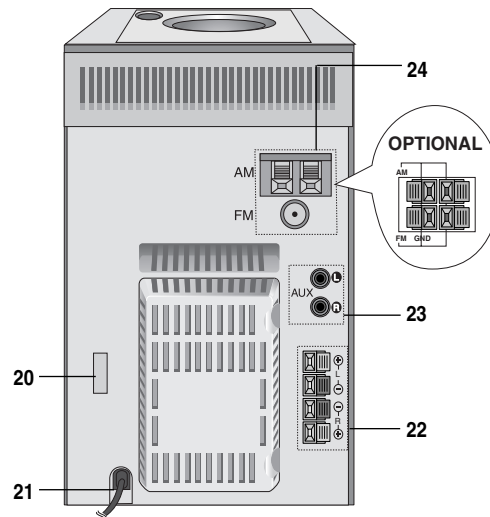
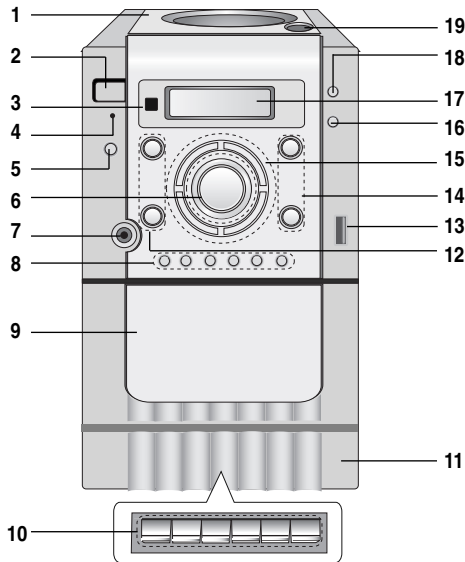
Indicates hazards likely to cause harm to the unit itself or other material damage.



Indicates special operating features of this unit.

Before use

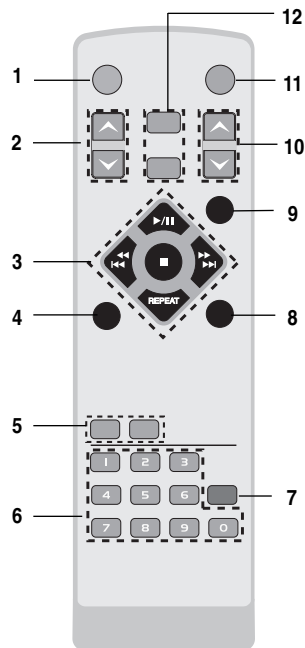
Front/Rear panel



1. CD DOOR
2. POWER (⏻/STANDBY/ON) button
3. Remote Control Sensor
4. POWER indicator
5. OPTIMIZER (MP3) button
6. VOLUME CONTROL KNOB
7. HEADPHONE SOCKET (🎧 PHONES):
∅3.5mm
8. • CLOCK button
• TIMER button
• REPEAT button
• PROGRAM/MEMO. button
• STOP/CLEAR button
• USB button
9. CASSETTE Holder
10. • RECORD (●) button - TAPE
• PLAY (▶) button - TAPE
• REWIND (◀◀) button - TAPE
• FAST FORWARD (▶▶) button - TAPE
• STOP/EJECT (■/▲) button - TAPE
• PAUSE(⏸) button -TAPE
11. TAPE button DOOR
12. • CD PLAY/PAUSE (▶/⏸) button
• PRESET (+/-) buttons
13. USB Port
14. • CD SKIP/SEARCH (◀◀◀/▶▶▶) buttons
• TUNING (+/-) buttons -TUNER
15. • FUNCTION SELECT (FUNCTION) button (FM/ AM/ CD/ TAPE /AUX/ USB)
• TUNER/BAND button
• RDS (OPTIONAL)/SET button
• MODE/RIF button
16. EQUALIZER PATTERN (EQ) button
17. DISPLAY
18. XDSS button
19. CD OPEN/CLOSE(▲) button
20. VOLTAGE SELECT SWITCH (OPTIONAL)
21. POWER CORD
22. SPEAKER TERMINAL
23. AUXILIARY INPUT SOCKET (AUX)
24. ANTENNA TERMINAL

Before use

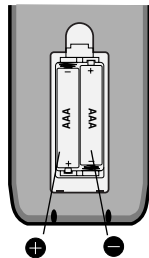
Remote control



1. POWER button
2. PRESET (V/A) buttons
3. • CD PLAY/ PAUSE (▶/||) buttons
• CD STOP(■) button
• TUNING (+/-) buttons -TUNER
• CD SKIP/SEARCH (◀◀◀/▶▶▶) buttons
• REPEAT button
4. D.SKIP button
5. • EQUALIZER PATTERN (EQ PATT.) button
• XDSS button
6. NUMBER buttons
7. MP3 file information display (MP3 Info) button
8. PROGRAM/ MEMO. button
9. SLEEP button
10. VOLUME CONTROL (V/A) buttons
11. MUTE button
12. • USB button
• FUNCTION SELECT (FUNCTION) button (FM/ AM/ CD/ TAPE /AUX/ USB)

Before use

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.).

Remote Control Operation Range

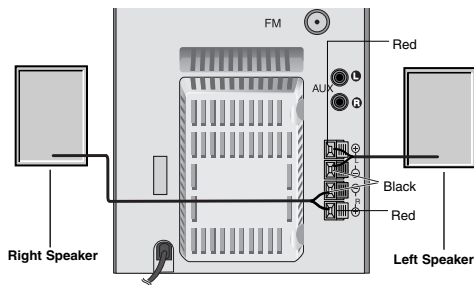
Point the remote control at the remote sensor and press the buttons.

- 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.

Connections

Speaker System Connection

Connect the speaker cords to the speaker terminals.



Notes

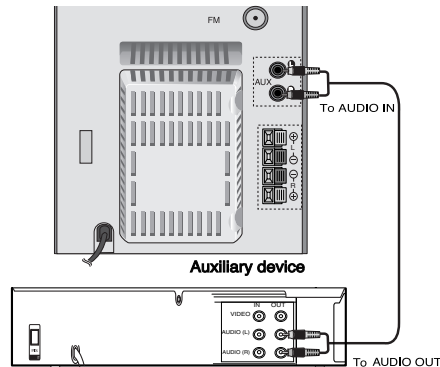
- Be sure to match the speaker cord to the appropriate terminal on the components: + to + and - to -.
- If you use front speakers with low maximum input rating, adjust the volume carefully to avoid excessive output on the speakers.
- Do not disassemble the front cover of supplied speaker.

Auxiliary Function

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

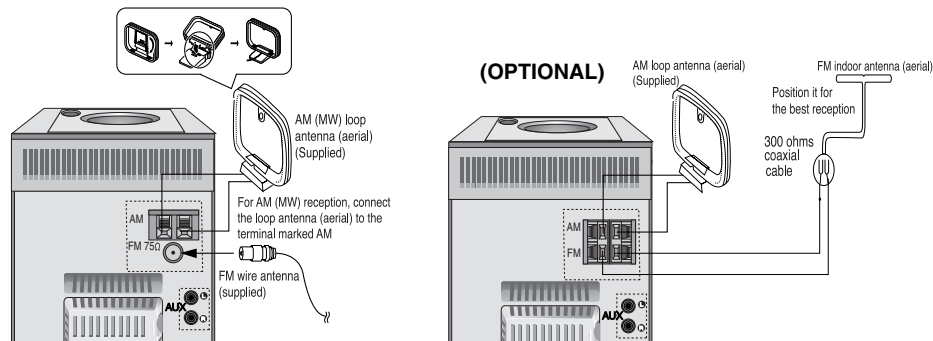
Notes

- You can also record from the auxiliary input source, see Recording Section.
- Turn the unit off before you connect an auxiliary device.



Antenna (Aerial) Connections

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



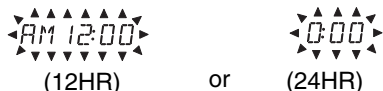
Notes

- 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.

Operation

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 (+/-) on the front panel.



3. Press SET to confirm the selected hour cycle.
4. Use TUNING (+/-) buttons to set the correct hours on the front panel.
5. Press SET.
6. Use TUNING (+/-) 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.

Timer Function

With the TIMER function you can have the radio MP3 player(via USB connection, and CD player turned on and off at the desired time.

1. Press CLOCK to check the current time.

For your reference

If the clock is not set, timer will not operate.

2. Press TIMER to enter the time setting mode.
TUNER /CD /USB 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 for more than 2 seconds.

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

3. Press SET when the desired function is flashing.

- 4.1. When you select the TUNER function, select the previous memorized preset number with TUNING (+/-) on the front panel and press SET.

- "ON TIME" indicator appears for about 0.5 seconds in the display window and then disappears.

2. When you select the CD/USB 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 (+/-) 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 (+/-) 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 (+/-) 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 (+/-) buttons on the front panel.
12. Press SET.
13. Adjust the volume level by pressing TUNING (+/-) buttons on the front panel.
14. Press SET.
"TIMER" appears in the display window and the time 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 time set or cancel. You can also check the time setting status.

To activate or check the time, 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

You can also set the clock when the Hi-Fi is on standby

Operation

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.
2. While the sleep function is active press SLEEP briefly. The time remaining until it turns off is displayed for about 5 seconds.

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.

Audio Adjustment

Volume Adjustment

- Turn VOLUME CONTROL KNOB clockwise to increase the sound level, or counterclockwise to decrease it on the front panel.
- Press VOLUME CONTROL (▲) to increase the sound level, or press the VOLUME CONTROL (▼) 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.
When activated "MUTE" indicator flashes in the display window.

MP3 Optimizer

This function optimizes the compression of MP3 files whilst improving the bass sounds
Press 'OPTIMIZER' on the front panel to switch on or off.

Sound Quality Adjustment

• To activate stereo sound

You can choose between 4 fixed sound impressions.

Select a desired sound mode by using the EQ 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 (∅ 3.5mm) into the headphone jack.

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

Adjusting the voltage - OPTIONAL

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

Operation

RDS Function - OPTIONAL

About RDS

This unit is equipped with RDS (Radio Data System), which brings a wide range of information to FM radio. Now in use in many countries, RDS is a system for transmitting station call signs or network information, a description of station programme type text message about the station or specifics of musical selection and the correct time.

RDS Tuning

When a FM station is tuned in and it contains RDS data, the unit will automatically display the station's call sign and the RDS indicator will light in the Display Window as well as indicators for the Programme Type Recognition (PTY), Radio Text (RT), Clock Time (CT) and RDS services programme (PS) if transmitted by the station.

RDS Display Options

The RDS system is capable of transmitting a wide variety of information in addition to the initial call sign that appears when a station is first tuned. In normal RDS operation the display will indicate the station name, broadcast network or call letters. Pressing **RDS** on the front panel enables you to cycle through the various data types in the sequence:

(PTY → RT → CT → PS → FREQUENCY)

- PTY (Programme type recognition)- The name of the programme type is shown in the Display Window.
- RT (Radio text recognition)- The name of the radio text is shown in the Display Window.
- CT (Time controlled by the channel)- Enables the unit to receive the actual time and show it in the Display Window.
- PS (Programme Service name)- The name of the channel is shown in the Display Window.

Note

Some RDS stations may not choose to include some of these additional features. If the data required for the selected mode is not being transmitted, the Display Window will show a PTY NONE, RT NONE, CT NONE or PS NONE message.

Programme Search (PTY)

A major benefit of RDS is its ability to encode broadcasts with Programme Type (PTY) codes that indicate the type of material being broadcast. The following list shows the abbreviations used to indicate each PTY along with an explanation of the PTY.

NEWS	News
AFFAIRS	Current Affairs
INFO	Information
SPORT	Sports
EDUCATE	Educational
DRAMA	Drama
CULTURE	Culture
SCIENCE	Science
VARIED	Varied Speech Programme
POP M	Popular Music
ROCK M	Rock Music
EASY M	Easy Listening Music
LIGHT M	Classical Music
CLASSICS	Serious Classical Music
OTHER M	Other Music
WEATHER	Weather Information
FINANCE	Financial Programmes
CHILDREN	Children s Programmes
SOCIAL	Social Affairs Programmes
RELIGION	Religious Broadcasts
PHONE IN	Phone-In Programmes
TRAVEL	Travel and Touring
LEISURE	Leisure and Hobby
JAZZ	Jazz Music
COUNTRY	Country Music
NATION M	National Music
OLDIES	Oldies Music
FOLK M	Folk Music
DOCUMENT	Documentary Programmes
TEST	Station Alarm Test Message
ALARM 1	Emergency Broadcast Information

You may search for a specific Programme Type (PTY) by following these steps:

1. Press TUNER/BAND to select FM mode.
2. Select a desired station by pressing TUNING (+/-). When the RDS transmission is received, the display shows the program service name (PS) after RDS indicator appears.
3. Press the RDS to select PTY mode.
4. When the PTY is selected, press the TUNING (+/-) within 5 seconds. The unit will go into an automatic search mode and attempt to find the next station with acceptable signal strength that matches the desired PTY type.

Operation

Presetting the Radio Stations

You can preset 50 stations for FM and AM.

1. Press TUNER/BAND to select the FM or AM .
2. Press TUNING (+/-) until the frequency indication starts to change, then release. Scanning stops when the unit tunes into a station.
3. Press PROGRAM/MEMO.
A preset number will flash in the display window.
4. Press PRESET (+/-) (or PRESET (▼/▲) on the remote control) to select the preset number you want.
5. Press PROGRAM/MEMO.
The station is stored.
6. Repeat steps 3 to 5 to store other stations.

Notes

- Tuning in automatically
Press TUNING (+/-) for more than 0.5 seconds.
- Tuning in manually
Press TUNING (+/-) briefly and repeatedly.

To clear all the memorized stations

Press and hold PROGRAM/MEMO. on the front panel for two seconds, "CLEAR" appears in the display window and then press CLEAR.

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 steps 3-5.

To recall presets

Press and hold PRESET (+/-) (or PRESET (▼/▲) on the remote control) until the desired preset number appears .

Listening to the radio

1. Press TUNER/BAND to select the FM or AM you want in the display window.
The last received station will be displayed.
2. Press PRESET (+/-) (or PRESET (▼/▲) on the remote control) repeatedly to select the preset station you want.
3. Adjust the volume by pressing VOLUME CONTROL KNOB on the front panel or VOLUME (▼/▲) on the remote control repeatedly.

To listen to non-preset radio stations

- Use manual or automatic tuning in step 2 (**Presetting the Radio Stations**).
- For automatic tuning, press and hold TUNING (+/-) on the front panel.

To turn off the radio

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

Note

When recording the MW(AM) broadcast, beat noises may occur. If it does, press MODE/RIF once to reduce the noises.

Operation

Tape Playback

Basic Playback

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

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

AUTO STOP DECK

When the tape deck has finished playing the front side of the tape ,the tape will automatically stop.

Recording

Basic Setting

1. Select the function (USB,CD,TUNER/BAND or AUX) you want to record.
2. Open the cassette deck and insert a blank cassette into the cassette compartment.
3. Wind the tape to the point where you would like recording to starts.
(Use only normal tapes.)

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 7 seconds.

Notes

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

Operation

CD Playback

Basic Playback

1. Press FUNCTION repeatedly until the CD indicator appears.
If no disc is loaded then "NO DISC" is displayed.
2. Press CD OPEN/CLOSE (▲ OPEN/CLOSE) and place a CD into the disc tray.

Note

To load an 8cm(3 inch) disc, place it into the inner circle of the tray.

3. Press CD OPEN/CLOSE (▲ OPEN/ CLOSE) to close the disc compartment.

Audio CD: "READING" appears in the display window, and then the total number of tracks and time are displayed.

MP3 CD: "READING" appears in the display window, and then the total number of files is displayed.

4. Press CD PLAY/ PAUSE (▶/||).

To Pause Play

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

To Stop Play

Press CD STOP (■) during playback.

To Skip a Track

- Press the CD SKIP/SEARCH (▶▶▶▶) button to go forward to the next track.
- Press the CD SKIP/SEARCH (◀◀◀◀) button to go back to the beginning of the track or skip backwards to other tracks

To play Fast Rewind or Fast Forward

After pressing CD SKIP/SEARCH (◀◀◀◀/▶▶▶▶) buttons for more the 2 seconds the CD player will play forwards/backwards at a fast speed. To continue normal playback,press play(▶/||).

Note

This function is not available on MP3CDs.

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.

To check MP3 file information

Press the MP3 info button during MP3 file playback.

- The information (Title, Artist or Album) of the MP3 file will be shown in the display window.
- If there is no information on the MP3 file, "NO ID3 TAG" indicator will be shown in the display window.
- The "MP3 file name" and "ID3 TAG" should be named using standard alphabet characters.

Note

This unit can play a CD-R or CD-RW that contain audio titles or MP3 files.

Operation

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

To check program contents

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

To clear program contents

Press PROGRAM/MEMO. (or PROGRAM/MEMO. 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/MEMO.
(or PROGRAM/MEMO. 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/MEMO.
(or PROGRAM/MEMO. on the remote control) to display program number you want to modify.
2. Repeat 2-5.

About MP3/WMA

MP3

- An MP3 file is audio data compressed by using the MPEG1 audio layer-3 file-coding scheme. We call files that have the “.mp3” file extension “MP3 files”.
- The unit can not read an MP3 file that has not “.mp3” file extension.

WMA

- WMA files are a Microsoft audio compression technology.
- WMA(Windows Media Audio) offers double the audio compression of the MP3 files.

MP3/WMA CDs compatibility with this unit :

1. Sampling Frequency / 8 - 48kHz(MP3),
32 - 48kHz(WMA)
2. Bit rate / 8 - 320kbps(MP3),48-320kbps(WMA)
3. CD-R physical format should be “ISO 9660”
4. If you record MP3/WMA files using the software which cannot create a FILE SYSTEM, for example “Direct-CD” etc., it is impossible to playback MP3 files. We recommend that you use “Easy-CD Creator”, which creates an ISO9660 file system.
5. File names should be named using 30 letters or less and must incorporate “.mp3” “.wma” extension e.g. “*****.MP3”or “*****.WMA”.
6. Do not use special letters such as “/ : * ? “ < > ” etc.
7. If there are more than 1000 tracks on a CD , the display will only show up to 999 tracks .

About MULTI SESSION

- This function recognizes the multi session disc according to the CD type.

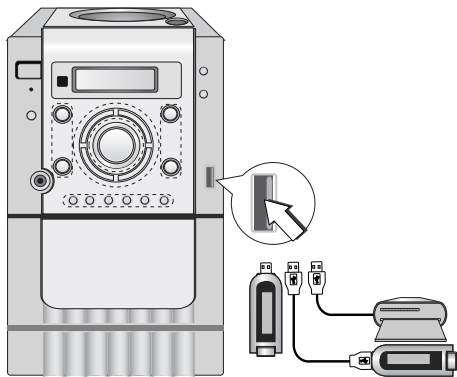
Example: If there are MP3/WMA files in the first session, the MP3/WMA file in the first session are only played.

If there are only MP3/WMA files in the whole session, all of the MP3/WMA files in the session are played.

If there's an Audio CD in the first session, only the Audio CD in the first session is played.

Operation

USB Function



Basic Playback

1. Plug the USB device into the USB connector of your unit.
2. Press the USB button to enter the USB mode. "CHECKING" appears in the display window, and then the total number of files is displayed.
3. Press PLAY (▶/II) on the front panel or PLAY/PAUSE (▶/II) on the remote control. In addition, you can also play using the NUMBER buttons.

To Remove the USB from the unit

1. Choose the other functions except USB function in order to remove the USB.
2. Remove the USB from the unit.

Notes

- Do not remove the USB during the playback.
- A Back up demands to prevent a data damage.
- Besides Basic Playback, If you want to operate other functions, see the CD Playback section.

Moving to other cards

When you use a MP3 player or memory card, Press **D.SKIP** on the remote control during playing or stopping.

Notes

- Don't remove a MP3 player or memory card while playing the USB.
- Don't add or remove the memory card when playing the USB by using a multi card reader.
- Numbers of file available are maximum 999 EA.
- Be sure to save file in the memory card after formatting.
- No cladding hard disc is supported.
- The MP3 player requiring installation of a drive is not supported.
- This unit can play USB device that contains MP3 files.
- The MP3 file name and ID3 TAG should be named using English.
- This player can not format memory card.
- This player can not use USB HUB.
- Recommended Memory Card
- This unit may not be available for some USB device.

Compact Flash Card (CFC), Micro Drive (MD), Smart Media Card (SMC), Memory Stick (MS), Secure Digital Card (SD), Multi Media Card (MMC), Memory Stick Pro (MS-Pro)

- Compatible with : FAT12,16,32

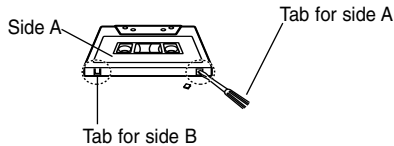
- Only use the memory cards recommended.

Reference

Notes on Tapes

Preventing overwriting a recording

Removing the 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.



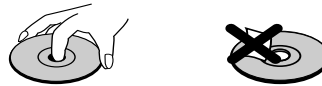
Notes on Discs

Storing discs

After playing, store the disc in its case. Do not expose the disc to direct sunlight or sources of heat and never leave it in a parked car exposed to direct sunlight.

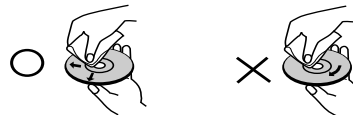
Handling discs

Do not touch the playback side of the disc. Hold the disc by the edges so that fingerprints do not get on the surface. Never stick paper or tape on the disc.



Cleaning discs

Fingerprints and dust on the disc can cause 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 older vinyl records.

Reference

Troubleshooting

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

Reference

Specifications

[General]	Power supply	Refer to the back panel of the unit.	
	Power consumption	20W	
	Net Weight	3kg	
	External dimensions (WxHxD)	146 X 238 X 251mm	
[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 or 65 - 74 MHz, 87.5 - 108.0 MHz
		Intermediate Frequency	10.7 MHz
		Signal to Noise Ratio	55/50 dB(MONO/STEREO)
		Frequency Response	60 - 10000 Hz
	AM (MW)	Tuning Range	522 - 1620 kHz or 520 - 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	4.75 Cm/sec	
	Wow Flutter	0.3% (MTT -111, JIS-WTD)	
	FF/REW Time	120sec (C-60)	
	Frequency Response	250 - 8000Hz	
	Signal to Noise Ratio	40dB(P/B)/38dB(R/P)	
	Channel Separation	32dB(P/B)/30dB(R/P)	
	Erase Ratio	50dB (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)	148 x 238 x 183mm	
	Net Weight (1EA)	1.4kg	

Designs and specifications are subject to change without notice.



Technology with the human touch
GUARANTEE

- LG Electronics U.K. Ltd. will provide the following services in order to expedite this Guarantee.
 1. All faulty components which fail due to defective manufacture will be replaced free of charge for a period of 12 months from the original date of purchase.
 2. The dealer (or his service agent) who sold the product will be reimbursed for any labour provided in the repair of this LG equipment, for a period of 12 months from the original date of purchase. These claims must be made in accordance with the published scale of service charges and relevant claims procedure.

PLEASE NOTE:

- A. The dealer may restrict the guarantee to the original purchaser.
- B. The dealer is not obliged to carry out service under guarantee if unauthorized modifications are made to the apparatus, or if non standard components are used or if the serial number of the apparatus is removed, defaced, misused, or altered.
- C. Any claims made under guarantee must be directed to the dealer from whom the equipment was originally purchased. The dealer may, before carrying out service under guarantee, require a receipted account as evidence of the date of purchase.
- D. We respectfully point out that your dealer is not obligated to replace batteries if they become exhausted or worn in use.
- E. Aerial alignment and consumer control adjustments are not covered by this guarantee.

This guarantee does not affect your statutory rights.

● **REQUIREMENTS TO MAINTAIN WARRANTY COVERAGE:**

RETAIN YOUR RECEIPT TO PROVE DATE OF PURCHASE. A COPY OF YOUR RECEIPT MUST BE SURRENDERED AT THE TIME GUARANTEE SERVICE IS PROVIDED.

- Product Registration Card : It is helpful to complete at least your name, address, phone, model & serial numbers and return it. This will enable LG to assist you in the future should you lose your receipt, your units be stolen, or should modifications be necessary.

- To obtain information or assistance: Call 0870 873 5454 Monday-Friday 9.00am-4.30pm

MODEL NO.*	SERIAL NO.*	DATE OF PURCHASE.*

* Please complete for your own record

**In all cases of difficulty - consult your LG dealer
from whom the product was purchased**

P/NO : 3834RH0128P