LG
Life's Good

OWNER'S MANUAL
Micro Hi-Fi System

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

FOR THE GUARANTEE TERMS & CONDITIONS, PLEASE REFER TO INNER PAGE OF BACK COVER.

CM2820DAB



CM2820-BM.DGBRLLK-6257-ENG.indd 1 2012-04-26 1:35:33

Safety Information



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.

WARNING: Do not install this equipment in a confined space such as a book case or similar unit.

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 shall be never be blocked by placing the product on a bed, sofa, rug or other similar surface. This product shall not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instruction has been adhered to.



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. Shall the unit require maintenance, contact an authorized service center.
Use of controls, adjustments or the performance of 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.

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 service center. 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 device is equipped with a portable battery or accumulator.

Safety way to remove the battery or the battery from the equipment: Remove the old battery or battery pack, follow the steps in reverse order than the assembly. To prevent contamination of the environment and bring on possible threat to human and animal health, the old battery or the battery put it in the appropriate container at designated collection points. Do not dispose of batteries or battery together with other waste. It is recommended that you use local, free reimbursement systems batteries and accumulators. The battery shall not be exposed to excessive heat such as sunshine, fire or the like.

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

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.

Disposal of waste batteries/accumulators



1. When this crossed-out wheeled bin symbol is attached to batteries/ accumulators of Your product it means they are covered by European Directive 2006/66/EC.
2. This symbol may be combined with chemical symbols for mercury(Hg), cadmium(Cd) or lead(Pb) if the battery Contains more that 0.0005% of mercury,0.002% of cadmium or 0.004% of lead.
3. All batteries/accumulators should be disposed separately from the municipal waste stream via designated collection facilities appointed by the government or the local authorities.
4. The correct disposal of Your old batteries/accumulators will help to prevent potential negative consequences for the environment, animal and human health.
5. For more detailed information about disposal of Your old batteries/ accumulators, please contact Your city office, waste disposal service or the shop where You purchased the product.

CE LG Electronics hereby declares that this/ these product(s) is/are in compliance with the essential requirements and other relevant provisions of Directive 2004/108/EC, 2006/95/EC and 2009/125/EC.

European Standards Centre:
Krijgsman 1, 1186 DM Amstelveen The Netherlands

Please note that this is NOT a Customer Service contact point. For Customer Service Information, see Warranty Card or contact the dealer that you purchased this product.

Indoor use only.

RF Radiation Exposure Statement

This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

You have to set the disc format option to [Mastered] in order to make the discs compatible with the LG players when formatting rewritable discs. When setting the option to Live File System, you cannot use it on LG players.

(Mastered/ Live File System : Disc format system for Windows Vista)

LG Bluetooth Remote

You can control this player with your iPhone or Android phone via Bluetooth. This player and your phone must be connected to Bluetooth. Visit " Apple App Store" or "Google Android Market (Google Play Store)". And use this QR code to search for "LG Bluetooth Remote" app. (Android O/S only) For detailed information, refer to the 25 page.

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:

WIRING: A mains plug removed from the mains lead of this unit 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 ⏚ 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 unit 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.

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Unique Features

USB Direct Recording

Records music to your USB device.

Portable In

Listens to music from your portable device. (MP3, Notebook, etc)

Timer

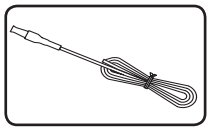
Sets alarm which go off at desired time.

Time Sync

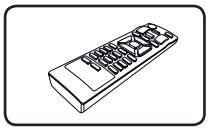
Sets your unit's clock automatically by using your iPod/iPhone/iPad and Bluetooth device. (LG Bluetooth Remote app)

Accessories

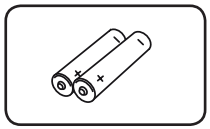
Please check and identify the supplied accessories.



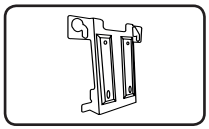
FM Antenna (1)



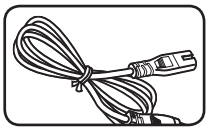
Remote Control (1)



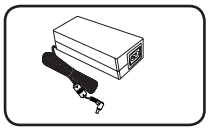
Batteries (2)



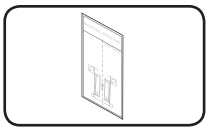
Wall Bracket (1)



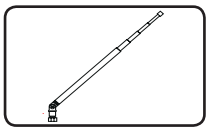
Power cord(1)



AC adapter(1)



WALL BRACKET INSTALL GUIDE(1)



DAB antenna (1)

Playable file Requirement

MP3/ WMA music file requirement

MP3/ WMA file compatibility with this unit is limited as follows :

- Sampling frequency : within 8 to 48 kHz (MP3), within 8 to 48 kHz (WMA)
- Bit rate : within 8 to 320 kbps (MP3), 40 to 192 kbps (WMA)
- Maximum files : Under 999
- File extensions : ".mp3"/ ".wma"
- CD-ROM file format : ISO9660/ JOLIET

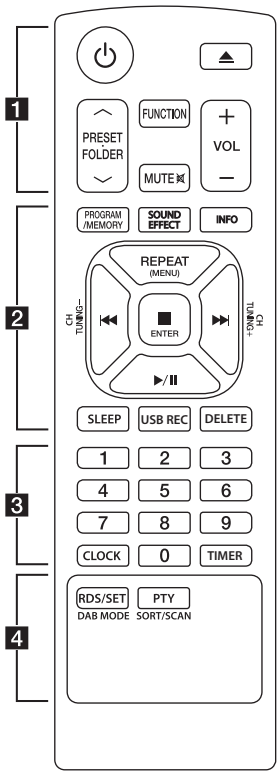
Compatible USB Devices

- MP3 Player : Flash type MP3 player.
- USB Flash Drive : Devices that support USB2.0 or USB1.1.
- The USB function of this unit does not support all USB devices.

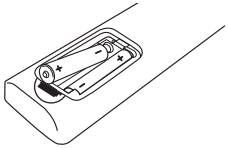
USB device requirement

- Devices which require additional program installation when you have connected it to a computer, are not supported.
- Do not extract the USB device while in operation.
- For a large capacity USB, it may take longer than a few minutes to be searched.
- To prevent data loss, back up all data.
- If you use a USB extension cable or USB hub, the USB device is not recognized.
- Using NTFS file system is not supported. (Only FAT(16/ 32) file system is supported.)
- This unit is not supported when the total number of files is 1 000 or more.
- External HDD, Card readers, Locked devices, or hard type USB devices, mobile phone are not supported.
- USB port of the unit cannot be connected to PC. The unit cannot be used as a storage device.
- Some USB may not work wit this unit.
- In power on state, you can't charge a iPad via USB port.
- In power on state, you can charge a iPod/iPhone/ smartphone via USB port.
- When you connect smartphone by using USB port, you can only charge it. (Some smartphone may not be charged)

Remote control



Battery Installation



Remove the battery cover on the rear of the Remote Control, and insert two (size AAA) batteries with ⊕ and ⊖ matched correctly

• • • • • • **1** • • • • • •

⏻ (POWER): Switches the unit ON or OFF.

⏏ (OPEN/CLOSE) : Ejects the disc from slot loader.

PRESET·FOLDER ∧/∨ :

- Searches for a folder of MP3/WMA files. When a CD/USB containing MP3/WMA files in several folders is being played, press **PRESET·FOLDER ∧/∨** to select the folder you want to play.
- Chooses a preset number for a radio station.

FUNCTION : Selects the function and input source.

MUTE : Mutes the sound.

VOL (+/-) : Adjusts speaker volume.

• • • • • • **2** • • • • • •

PROGRAM/MEMORY :
- Stores radio stations.
- Creates a playlist you want to listen to.

SOUND EFFECT : Chooses sound impressions.

INFO : Sees information about your music. MP3 files often come with ID3 tags. The tag gives the Title, Artist, Album or Time information.

REPEAT (MENU) : Listens to your tracks/files repeatedly or randomly.

CH : Selects a DAB display mode.

TUNING(-/+) : Selects the radio stations.

⏮/⏭ (SKIP/SEARCH) :
-Skips Fast backward or Forward.
-Searches for a section within a track/file.

■**ENTER** :
-Stops playback or recording.
-Cancels DELETE function.
- Confirms the clock and the alarm setting

▶/❚❚ (PLAY/PAUSE) : Starts or pauses playback.

SLEEP : Sets the system to turn off automatically at a specified time. (Dimmer : The display window will be darkened by half.)

USB REC : Starts recording

DELETE : Deletes MP3/WMA files. (USB only)

• • • • • • **3** • • • • • •

0 to 9 numerical buttons : Selects numbered tracks, files, or preset number.

CLOCK : Sets a clock and checks a time.

TIMER : Uses your player as an alarm clock.

• • • • • • **4** • • • • • •

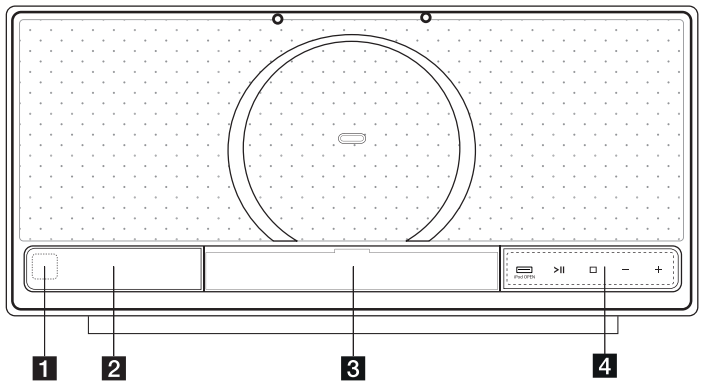
RDS/SET :
- RDS(Radio Data System)
- Confirms the clock and the alarm setting

PTY : Searches radio stations by radio type.

DAB MODE :
- DAB radio type.
- Changes the display information of DAB channel.

SORT/SCAN :
- Searches radio stations by radio type.
- Aligns the service names DAB band scanning.

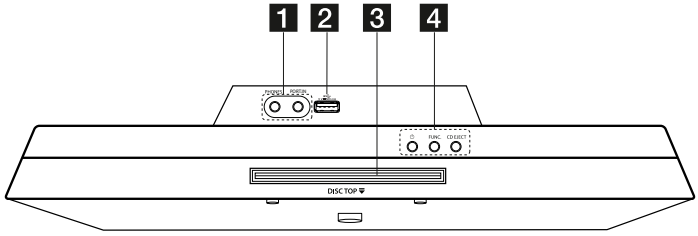
Front panel



1 Remote Sensor
2 Display Window
3 iPod/iPhone/iPad Dock

4 **iPod OPEN**
Opens and closes the iPod/iPhone/iPad Dock. (Although the unit is power off state, this button activates)
>II (PLAY/PAUSE)
Starts and pauses playback.
□ (STOP)
Stops playback or recording.
-/+ (VOLUME)
Adjusts volume level.

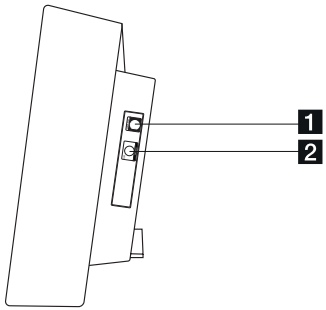
Top panel



1 **PHONES**
Headphone jack
PORT.IN (3.5 mm)
Listens to music from your portable device.
2 USB Port
Plays music file by connecting the USB device.
3 Disc slot

4 ⏻ (POWER)
Switches the unit ON or OFF.
FUNC.
Selects the function and input source.
CD EJECT
Ejects a CD from the unit.

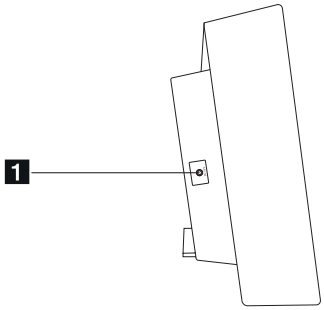
Right panel



1 DAB ANT.
Connects the DAB antenna.

2 FM ANTENNA
Connects the FM wired antenna.

Left panel



1 DC18 V (AC adapter input)

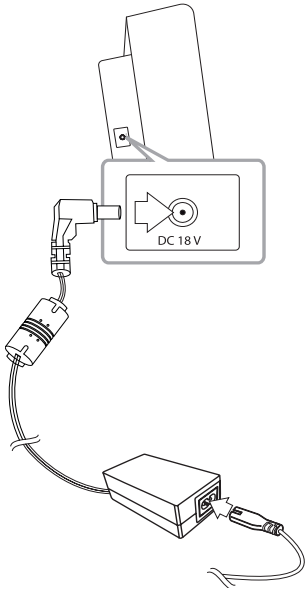
Caution

Precautions in using the touch buttons

- Use the touch buttons with clean and dry hands.
  - In a humid environment, wipe out any moisture on the touch buttons before using.
- Do not press the touch buttons hard to make it work.
  - If you apply too much strength, it can damage the sensor of the touch buttons.
- Touch the button that you want to work in order to operate the function correctly.
- Be careful not to have any conductive material such as metallic object on the touch buttons. It can cause malfunctions.

Connecting the AC adapter

1. Connect the supplied AC power cord to the AC adapter.
2. Connect the AC adapter cable to DC adapter input.
3. Plug the AC power cord into an AC outlet.



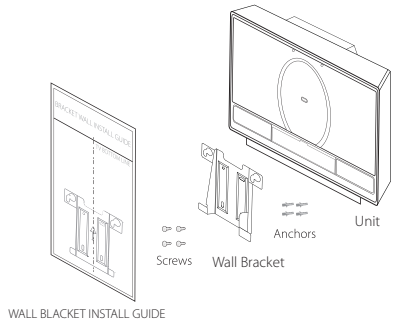
Caution

Only use the AC adapter supplied with this device. Do not use a power supply from another device or manufacturer. Using any other power cable or power supply may cause damage to the device and void your warranty.

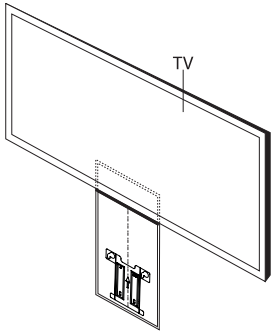
Mounting the main unit on the wall

You can mount the main unit on a wall. Prepare screws and brackets supplied.

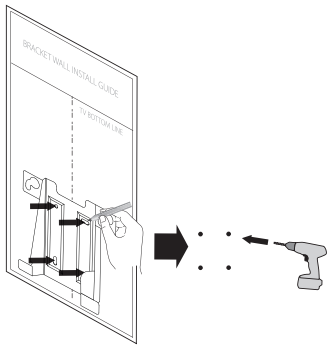
Preparation



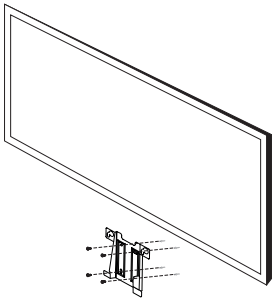
1. Match the TV BOTTOM LINE of WALL BRACKET INSTALL GUIDE with the bottom of TV and attach it to the position.



2. When you mount the wall bracket on a wall (concrete), use the wall bracket to check the point to drill. Then you should drill some holes.



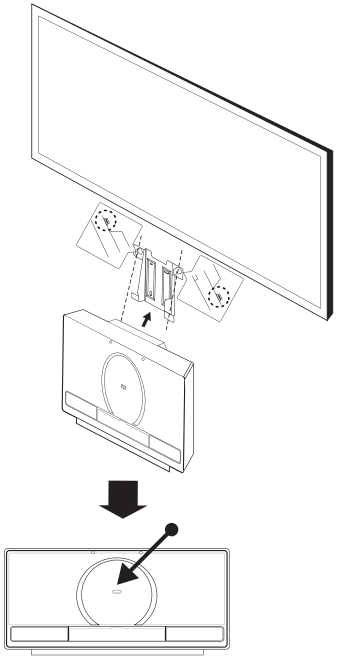
3. Remove the WALL BRACKET INSTALL GUIDE.
4. Fix it with screws (not supplied) as shown in the illustration below.



Note

Screws and anchors are not supplied for mounting the unit. We recommend the FAB31058701 screw and MEG62598701 anchor for the mounting. Please purchase them.

5. Hang the main unit onto the brackets, as shown below.

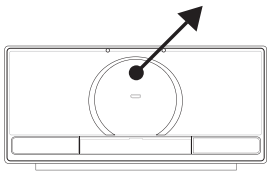


Caution

- Do not hang onto the installed unit and avoid any impact to the unit.
- Secure the unit firmly to the wall so that it does not fall off. If the unit falls off, it may result in an injury or damage to the product.
- When the unit is installed on a wall, please make sure that a child does not pull any of connecting cables, as it may cause it to fall.

Note

Detach the unit from the bracket as shown below.

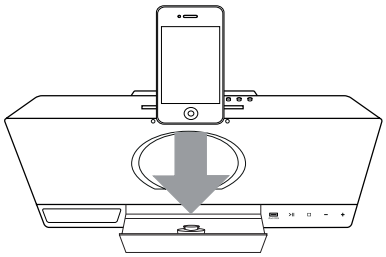


Basic Operations

iPod/iPhone/iPad Operations

You can enjoy the sound with your iPod/iPhone/iPad. For details about iPod/iPhone/iPad, refer to the iPod/iPhone/iPad User Guide.

1. Press **iPod OPEN** on the unit. Then iPod/iPhone/iPad Dock will come out. Connect the iPod/iPhone/iPad firmly. If you turn this unit on, your iPod/iPhone/iPad is automatically turned on and starts recharging .



2. Press **FUNCTION** on the remote control or **FUNC.** on the unit to select IPOD function.

To	Do this	
	ON UNIT	**ON REMOTE**
Pauses or restart	**>II**	**►/II**
Skip	-	**I◄◄/►►I**
Search	-	Press and hold **I◄◄/►►I**
Move to the previous menu	-	**REPEAT (MENU)**
Move to the desired item	-	**PRESET· FOLDER ∧/∨**
Chooses a item	**□**	**■ ENTER**

Compatible iPod/iPhone/iPad

- The unit supports the models as follows ;

  iPod touch

  iPod classic

  iPod nano

  iPhone 4S

  iPhone 4

  iPhone 3GS

  iPhone 3G

  iPad 2

  iPad

  Depending on your iPod/iPhone/iPad's software version, you may not control your iPod/iPhone/iPad from the unit.

  Depending on your iPod/iPhone/iPad device, you may not control your iPod/iPhone/iPad from the unit.

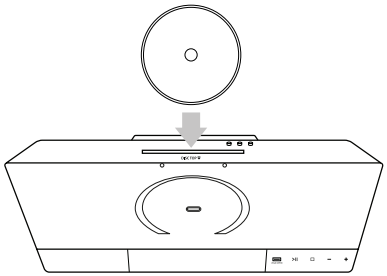
Note

- If this unit displays an error message, follow the message. An error message "ERROR".
  - Your iPod/iPhone/iPad is not connected firmly.
  - This unit recognizes your iPod/iPhone/iPad as an unknown device.
  - Your iPod/iPhone/iPad is exceptionally low in power.

  ➡ The battery needs to be charged.
  ➡ If you charge the battery while iPod/iPhone/iPad is extremely low in power, it may take longer to be charged.
- Depending on your iPod/iPhone/iPad 's software version, it may not be possible to control your iPod/iPhone/iPad from this unit. We recommed installing the latest software version.
- If you use an application, make a call, or send and receive SMS text message, etc. on iPod touch or iPhone, disconnect it from iPod/iPhone/iPad dock of this unit and then use it.
- If you have a problem with your iPod/iPhone/iPad, please visit www.apple.com/support.
- In power off state, you can charge your iPod/iPhone/iPad by connecting it to iPod/iPhone/iPad Dock.
- You may need additional operation for iPod touch or iPhone, for example "unlock" by draging the slider.

CD Operation

1. Insert a disc in the disc slot with the label side forward.
2. Select the CD function by pressing **FUNCTION** on the remote control or **FUNC.** on the unit.
3. Select a track/file you want to play by pressing ⏮/⏭ on the remote control.

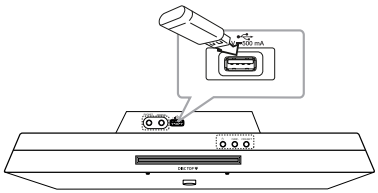


Note

Music CDs or CD-R/CD-RW in music CD format can be only played.(12 cm disc)

USB Operation

Connect the USB port of USB Memory (or MP3 player, etc.) to the USB port on the unit.



Note

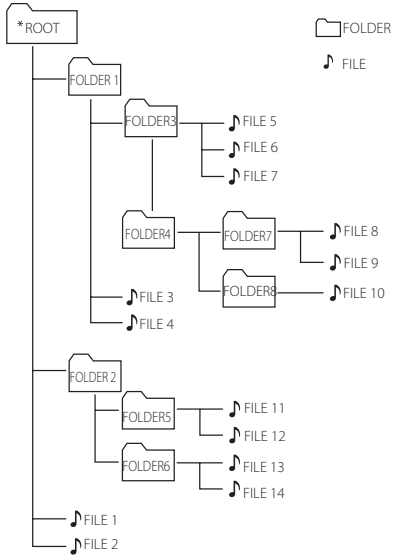
Removing the USB Device from the unit

1. Choose a different function/mode or press ■ **ENTER** on the remote control or ☐ on the unit twice in a row.
2. Remove the USB device from the unit.

To	Do this
Stop	Press ■ **ENTER** on the remote control or ☐ on the unit.
Playback	Press ▶/II on the remote control or >II on the unit.
Pause	During playback, Press ▶/II on the remote control or >II on the unit.
Skipping to the next/ previous track/ file	During playback, press I◀◀/▶▶I on the remote control to go to the next track/file or to return to the beginning of the current track/file. During playback, Press I◀◀ twice briefly to step back to the previous track/file.
Searching for a section within a track/ file	Press and hold I◀◀/▶▶I during playback and release it at the point you want to listen to.
Searching for a section within a folder	Press **PRESET·FOLDER** ∧/∨.
Playing repeatedly or randomly	Press **REPEAT(MENU)** on the remote control repeatedly, the display window will be changed in the following order, RPT1 -> RPT DIR (only MP3/ WMA) -> RPT ALL -> RANDOM -> OFF

Note

- USB Folders/Files are recognized as below



- If there is no file in a folder, the folder will not appear
- Folders will be presented as the following order;
  ROOT → FOLDER1 → FOLDER3 →FOLDER7 → FOLDER8 → FOLDER5 → FOLDER6
- File will be played from ♪ file No.1 to ♪ file No.14 one by on.
- Files and folders will be presented in order recorded and may be presented differently according to the record circumstances.
- *ROOT : the first screen you can see when a computer recognize the USB is "ROOT".

Other Operation

Programmed Playback

The program function enables you to store your favourite tracks/files from any disc or USB device.

A program can contain 20 tracks/files.

1. Insert a CD or connect USB and wait for it to be loaded.
2. Press **PROGRAM/MEMORY** on the remote control in stop state.
3. Press ⏮/⏭ on the remote control to select a next track/file.
4. Press **PROGRAM/MEMORY** again to save and select a next track/file.
5. Press ▶/❚❚ to play the programmed music tracks/files.
6. To clear your selection, press ■ **ENTER**.

Note

The programs are also cleared when the disc or USB device is removed, the unit is powered off or the function is switched to others.

Selecting a folder and an MP3/WMA file.

1. **PRESET·FOLDER** ∧/∨ on the remote control repeatedly until a desired folder appears.
2. ▶/❚❚ to play it. The first file of folder will play.

Deleting an MP3/WMA file

You can delete file, folder or format by pressing **DELETE** on the remote control. This function is supported only in stop state. (USB only)

1. -Select the file you want to delete by using ⏮/⏭ . And press **DELETE**.

   -Select the folder you want to delete by pressing **PRESET·FOLDER** ∧/∨ . Then press **DELETE**.

   -Press and hold **DELETE** to format the USB device.

   Or

   Press **DELETE** repeatedly while searching a file.

   The display window will be changed in the following order.

   - DEL FILE : Deletes file
   - DEL DIR : Deletes folder
   - FORMAT : Formats USB
2. To delete file/folder or format, press ▶/❚❚ .
3. If you want to exit the current mode, press ■ **ENTER**.

Caution

- Do not extract the USB device during operation. (play, delete, etc.)
- Regular back up is recommended to prevent data loss.
- The delete function may not be supported according to the USB state. (lock, etc.)

Displaying file information (ID3 TAG)

While playing an MP3 file containing file information, you can display the information by pressing **INFO** on the remote control.

Turn off the sound temporarily

Press **MUTE** 🔇 on the remote control to mute your sound.

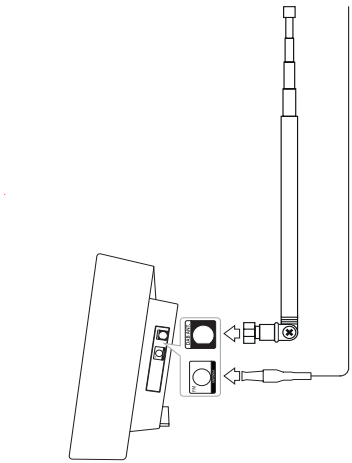
You can mute the sound in order, for example, to answer the telephone. And "MUTE" will appear in the display window. To cancel mute function, press **MUTE** 🔇 again or adjust volume level by pressing **+/-**(VOLUME).

Radio Operations

Antenna Connection

Connect the FM Wire antenna to **FM ANTENNA** connector.

Connect the DAB antenna to the **DAB ANT.** connector.



Note

- Be sure to fully extend the FM wire antenna. After connecting the FM wire antenna, keep it as horizontal as possible.
- When the broadcasting signal is weak : Check the condition of broadcasting reception. (check the QUALITY)
- When moving the unit to other areas : Delete all of the saved DAB scanned stations.

Listening to the radio

1. Press **FUNCTION** until FM/DAB appears in the display window.
   The last received station is tuned in.
2. **[FM]**
   Auto tuning : Press and hold **TUNING (-/+)** for about 2 seconds until the frequency indication starts changing, then release. Scanning stops when the unit tunes in a station.
   Manual tuning : Press **TUNING (-/+)** repeatedly.
   [DAB]
   Press **CH** and press ▶/II when scanning stop.
3. Adjust the volume by pressing **VOL (+/-)**.

Presetting the Radio Stations

You can preset 50 stations for FM/DAB . Before tuning, make sure to turn down the volume.

1. Press **FUNCTION** until FM/DAB appears in the display window.
2. **[FM]**
   Select the desired frequency by pressing **TUNING (-/+)**.
   [**DAB]**
   Press **CH** and press ▶/II.
3. Press **PROGRAM/MEMORY**. A preset number will blink in the display window.
4. Press **PRESET·FOLDER Λ/V** to select the preset number you want.
5. Press **PROGRAM/MEMORY**. The station is stored.
6. Repeat steps 2 to 5 to store other stations.
7. To listen a preset station, press **PRESET·FOLDER Λ/V**.

Deleting all the saved stations

1. Press and hold **PROGRAM/MEMORY** for two seconds. "ERASEALL" will blink on the display window.
2. Press **PROGRAM/MEMORY** to erase all saved radio stations.

Improving poor FM reception

Press ▶/II on the remote control. This will change the tuner from stereo to mono. Then the reception will be better than before.

Seeing information about a Radio station

The FM tuner is supplied with the RDS (Radio Data System) facility. This shows information about the radio station being listened to. Press **RDS/SET** repeatedly to cycle through the various data types. :

PS (Programme Service Name)
The name of the channel will appear in the display

PTY (Programme Type Recognition)
The programme type (e.g. Jazz or News) will appear in the display.

RT (Radio Text)
A text message contains special information from the broadcast station. This text may scroll across the display.

CT (Time controlled by the channel)
This shows the time and date as broadcast by the station.

You can search the radio stations by programme type by pressing **RDS/SET**. The display will show the last PTY in use. Press **PTY** one or more times to select your preferred programme type. Press and hold ⏮/⏭. The tuner will search automatically. When a station is found, the search will stop.

Listening to the DAB

You can change the display information of the currently broadcasting DAB channel. Press **DAB MODE**. on the remote control repeatedly, the display changes in the following order,
SERVICE -> PTY NAME -> FREQ -> DLS -> QUALITY -> ENSEMBLE
Select a display mode and then press **CH**, the initials of the servicename are displayed.

SERVICE Displays the Name of the channel for the current broadcast.

PTY NAME Displays the Type of the channel for the current broadcast.

FREQ Displays the frequency of the channel for the current broadcast.

DLS It displays the current Scroll of the channel which is selected.

QUALITY It displays the current strength of the broadcast signal.

ENSEMBLE Displays the Ensemble of the channel for the current broadcast.

Aligning the service names

Press **SORT/SCAN** on the remote control to display the sorting mode of DAB broadcastings. Then, press the button once again to change the mode.

Default sort: The service names are aligned in a scanning order.

Name sort: The service names are aligned in an alphabetical order.

DAB scan

Press **SORT/SCAN** on the remote control for longer than 3 seconds, all of the DAB bands are scanned. Then press it again, scanning will be cancelled.

Deleting all of the saved DAB scan stations

Press and hold **DAB MODE** on the remote control for 3 seconds. "DAB INIT" will be displayed. Press **DAB MODE** to erase all the saved stations.

Sound adjustment

Setting the sound mode

This system has a number of pre-set sound fields. You can select a desired sound mode by using **SOUND EFFECT** on the remote control.

The displayed items for the Equalizer may be different depending on sound sources and effects.

On Display	Description
NATURAL	You can enjoy comfortable and natural sound.
AUTO EQ	Sets the sound equalizer on the mode that is the most similar to the genre which is included in the MP3 ID3 tag of song files.
POP CLASSIC JAZZ ROCK	This program lends an enthusiastic atmosphere to the sound, giving you the feeling you are at an actual rock, pop, jazz or classic concert.
MP3 -- OPT	This function is optimized for compressible MP3 file. It improves the treble sound.
BASS (BASS BLAST)	Reinforces the treble, bass and surround sound effect.
LOUDNESS	Improves the bass and treble sound.
BYPASS	You can enjoy the sound without equalizer effect.

Note

Maybe you need to reset the sound mode, after switching the input, sometimes even after the sound track/file is changed.

Setting the Clock

You have three ways to set the clock.

Setting the clock by synchronizing your iPod/ iPhone/iPad.

Connect the iPod/iPhone/iPad firmly. Then the clock setting in the display window will be synchronized with your iPod/iPhone/iPad.

After the unit synchronized with your iPod/iPhone/ iPad for clock setting, there will be a time difference between the iPod/iPhone/iPad and the unit . In power off state, the clock won't be synchronized with your iPod/iPhone/iPad.

Note

- If you set clock by pressing buttons on the unit first, the clock will not be synchronized with your iPod/iPhone/iPad.
- Check the current time on iPod/iPhone/ iPad is correct or not. If not, reset it correctly depending on present time. Wrong time on the iPod/iPhone/iPad may result in the time defference between your iPod/iPhone/iPad and the unit.

Setting the clock by connecting the BT.App.

Set time you desired on Bluetooth device and connect the Bluetooth device to your unit via BT app. Then the clock setting in the display window will be synchronized with the Bluetooth device automatically.

Setting the clock by pressing the buttons.

1. Turn the unit on.
2. Press **CLOCK**.
3. Choose time mode by pressing ⏮/⏭.
   - 12:00 (for an AM and PM display) or 0:00 (for a 24 hour display)
4. Press ■ **ENTER** or **RDS/SET** to confirm your selection.
5. Select the hours by pressing ⏮/⏭.
6. Press ■ **ENTER** or **RDS/SET**.
7. Select the minutes by pressing ⏮/⏭.
8. Press ■ **ENTER** or **RDS/SET**.
9. If you want to reset the clock, repeat steps 3-8.

Using your player as an alarm clock

1. Turn the unit on.
2. Press and hold **TIMER** to set the alarm function.
3. Alarm sound sources will blink. While each of sound sources blink, select the one you want by pressing ■ **ENTER** or **RDS/SET**.
4. "ON TIME" will blink. This is your desired time to turns unit on. Press ⏮/⏭ to change the hours and minutes and press ■ **ENTER** or **RDS/SET** to save.
5. The "OFF TIME" will blink. This is your desired time to turn unit off. Press ⏮/⏭ to change the hours and minutes and press ■ **ENTER** or **RDS/SET** to save.
6. The volume setting will blink. Press ⏮/⏭ to change the volume and press ■ **ENTER** or **RDS/SET** to save.
7. Press **TIMER** to check the alarm information.
8. If you want to reset the clock, repeat step 3-6.

Note

- If you don't set clock on your iPod/iPhone/iPad, the unit will not be synchronized with your iPod/iPhone/iPad for the clock.
- If you unplug the cord from an outlet, the clock setting you set won't be stored.
- If you connect iPod/iPhone/iPad and BT app for clock setting, BT app will be synchronized first.
- If you synchronize the unit with your BT device for clock by using BT app, you can set 12 - Hour Time (ex - PM 11 : 00) or 24 - Hour Time (ex - 23 : 00).(Android O/S only)
- If you set the clock, you can check the time by pressing **CLOCK** although the player is turned off.
- If you set the clock and alarm, you can check setting informaiton by pressing **TIMER** although the unit is turned off. Then this function will work in everyday.
- Alarm function only works when the unit is turned off.

Sleep Timer Setting

Press **SLEEP** on the remote control repeatedly to select delay time between 10 and 180 minutes. After delay time, the unit will turn off. (You can see the following order, 180 -> 150 ->120 -> 90 -> 80 -> 70 -> 60 -> 50 -> 40 -> 30 -> 20 -> 10)
To cancel the sleep function, press **SLEEP** repeatedly until the display window get bright.

Note

- You can check the remaining time before the unit turns off. Press **SLEEP**. The remaining time appears in the display window.
- Sleep function will work after dimmer function.

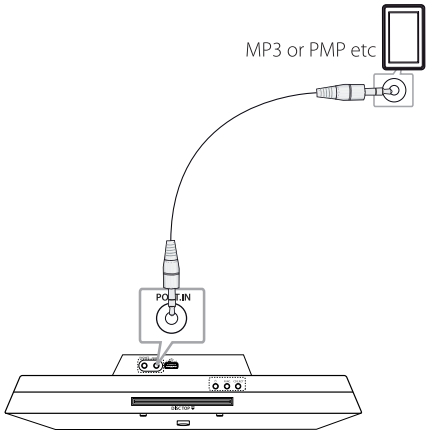
Dimmer

Press **SLEEP** once. The display window will be darkened by half. To cancel it, press **SLEEP** repeatedly until the display window get bright. If you touch the buttons in Sleep Timer mode, the buttons will be lightening for 5 seconds and darkening again.

Advanced Operation

Listening to music from your external device

The unit can be used to play the music from many types of external device. (Portable cable is not supplied as an accessory with this unit.)



1. Connect the external device to the **PORT. IN** connector of the unit.
2. Turn the power on by pressing ⏻.
3. Select the PORTABLE function by pressing **FUNCTION** on the remote control or **FUNC.** on the unit.
4. Turn the external device on and start playing it.

Recording on USB

1. Connect the USB device to the unit.
2. Select a function by pressing **FUNCTION** on the remote control or **FUNC.** on the unit.

   One track/file recording - You can record a track/ a file on USB while playing the file you want.
   All tracks/files recording - You can record tracks/ files on USB in stop state.
   Program list recording - After making program list, you can record it on USB.
3. Start the recording by pressing **USB REC** on the remote control.
4. To stop recording, press ■ **ENTER**.

Pausing recording

During recording, press **USB REC** to pause recording. Press it again to restart recording. (Only Radio/ Portable function)

To select recording bit rate and speed

1. Press **USB REC** for longer than 3 seconds.
2. Use ⏮/⏭ to select the bit rate.
3. Press **USB REC** again to select the recording speed.
4. Press ⏮/⏭ to select a desired recording speed. (CD Function Only)

   X1 SPEED
   - You can listen to music while recording it. (Audio CD Only)

   X2 SPEED
   - You can just record the music file.
5. Press **USB REC** to finish the setting.

Note

- You can check the recording percentage rate for the USB record on the display window during the recording. (MP3/ WMA CD Only)
- During recording MP3/ WMA, there is no sound.
- When you stop recording during playback, the file that has been recorded at that time will be stored. (Except MP3/WMA files)
- Do not remove the USB device or turn off the unit during USB recording. If not, an incomplete file may be made and not deleted on PC.
- If USB recording does not work, the message like "NO USB", "ERROR", "FULL" or "NO REC" is displayed on the display window.
- Multi card reader device, External HDD, mobile phone can not be used for USB recording.
- A file is recorded by about 512 Mbyte when you record for a long term.
- You may not store more than 999 files.
- It'll be stored as follows.

AUDIO CD	MP3/ WMA	The other source*
CD_REC TRK_001 TRK_002	FILE_REC ABC(File name) DEF(File name)	EXT_REC AUDIO_001 AUDIO_002

* : TUNER, Portable and the like.

DAB, BT, IPOD are not suppoted.

The making of unauthorized copies of copy-protected material, including computer programs, files, broadcasts and sound recordings, may be an infringement of copyrights and constitute a criminal offense. This equipment should not be used for such purposes.

Be responsible
Respect copyrights

Using a Bluetooth wireless technology

About Bluetooth

Bluetooth® is wireless communication technology for short range connection.

The available range is within 10 meters.

(The sound may be interrupted when the connection is interfered by the other electronic wave or you connect the bluetooth in the other rooms.)
Connecting individual devices under Bluetooth® wireless technology does not incur any charges. A mobile phone with Bluetooth® wireless technology can be operated via the Cascade if the connection was made via Bluetooth® wireless technology.
Available Devices : Mobile phone, MP3, Laptop, PDA.

Bluetooth Profiles

In order to use Bluetooth wireless technology, devices must be able to interpret certain profiles. This unit is compatible with following profile.

A2DP (Advanced Audio Distribution Profile)

Listening to music of a Bluetooth device

Before you start the pairing procedure, make sure the Bluetooth feature is turned on in to your Bluetooth device. Refer to your Bluetooth device's user guide. Once a pairing operation is performed, it does not need to be performed again.

1. Select the Bluetooth function by using the **FUNCTION** on the remote control or **FUNC.** on the unit.
   Appears "BT" and then "BT READY" in display window.
2. Operate the Bluetooth device and perform the pairing operation. When searching for this unit with the Bluetooth device, a list of the devices found may appear in the Bluetooth device display depending on the type of Bluetooth device.Your unit appears as "LG AUDIO CM2820".
3. Enter the PIN code.
   PIN code : 0000
4. When this unit successfully paired with your Bluetooth device, Bluetooth LED of this unit lights up and appears "PAIRED".

Note

Depending on the Bluetooth device type, some device have a different pairing way.

5. Listening to music.
   To play a music stored on your Bluetooth device, refer to your Bluetooth device's user guide. According to your mobile phone's volume level, the volume level of Bluetooth will be adjusted.

Note

- Sound from the main set can be distorted if you raise the volume of Bluetooth device up to two-thirds or more.
- When you use the bluetooth function, adjust the volume of a bluetooth device to a proper level to listen to.

Note

- After searching for this unit on your Bluetooth device, pair the Bluetooth device with this unit. Then play the file you want.
- The sound may be interrupted when the connection interfered by the other electronic wave.
- You cannot control the Bluetooth device with this unit.
- Pairing is limited one Bluetooth device per one unit and multi-pairing is not supported.
- Although the distance between your Bluetooth and the set is less than 10m, there are obstacles between both, your Bluetooth device cannot be connected.
- Depending on the type of the device, you may not be able to use the Bluetooth function.
- You can enjoy wireless system using phone, MP3, Notebook, etc..
- When not connected the Bluetooth, "BT READY" appears on the display window.
- The Electrical malfunction due to devices using same frequency such as Medical equipment, Microwaves or wireless LAN devices, the connection will be disconnected.
- When someone stands and interrupts communication between Bluetooth device and the player, the connection will be disconnected.
- If the gotten away of the distance between Bluetooth and the unit, the sound quality is lower and lower. the connection will disconnect when the space between the Bluetooth and the unit gets out of the operating range of Bluetooth.
- The device with Bluetooth wireless technology is disconnected, if you turn off the main unit or put the device away from the main unit more than 10m.
- If the Bluetooth device is disconnected, you should connect the Bluetooth device to your unit.

Using LG Bluetooth Remote app.

About LG Bluetooth Remote app

LG Bluetooth Remote app bring a suite of new features to your unit. To enjoy more features, you are recommended to download and install free " LG Bluetooth Remote".

Install " LG Bluetooth Remote app " by using QR code

1. Install " LG Bluetooth Remote app" by using QR code. Use the scaning software to scan the QR code.(Android O/S only)
2. Tap an icon for installation.
3. Tap an icon for downloading.



Note

- Make sure that your powered Bluetooth device is connected to the Internet.
- Make sure that your powered Bluetooth device has a scanning software application. If you don't have one, download one from "Google Android Market(Google Play Store)"

Install " LG Bluetooth Remote app" by docking your iPod/iPhone/iPad onto your player.

1. Connect your iPod/iPhone/iPad to iPod/iPhone/iPad Dock. The display for downloading "LG Bluetooth Remote" will be linked automatically. (iOS O/S only)
2. Tap an icon for installation.
3. Tap an icon for downloading.

Install " LG Bluetooth Remote app" through " Apple App Store" or "Google Android Market"

1. Tap the Apple App Store icon or Google Android Market(Google Play Store) icon.
2. In the search bar, type in the "LG Bluetooth Remote" and search it.
3. In the search result list, find and tap "LG Bluetooth Remote" to start downloading Bluetooth app.
4. Tap an icon for installation.
5. Tap an icon for downloading.

Note

- Make sure that your powered Bluetooth device is connected to the Internet.
- Make sure that your powered Bluetooth device is equipped with " Apple App Store" or "Google Android Market(Google Play Store)"

Activate Bluetooth with LG Bluetooth Remote app

LG Bluetooth Remote app helps to connect your powered bluetooth device to the unit.

1. Tap LG Bluetooth Remote app icon on the home screen to open LG Bluetooth Remote app application, and go to the main menu.
2. Tap [Setting] and select the unit you want.
3. If you want to get more information to operate, tap [Setting] and [Help].

Note

- After connecting Bluetooth device to the unit by using iOS BT app, connect iPod/iPhone/iPad to the unit. Then the function will be switched to IPOD function automatically. If you disconnect the iPod/iPhone/iPad from the unit, the Bluetooth device will be connected to the your unit automatically.
- While using Bluetooth, you may not operate BT app. Disconnect Bluetooth device you have connected before to use BT app properly.
- If you use Bluetooth app for operation, there would be some differences between Bluetooth app and the supplied remote control. Use the supplied remote control as necessary.
- If you operate BT app with Bluetooth device connected, the Blutooth connection you have connected before may be disconnected. (Depending on the smartpone's O/S, this process has a difference.)
- Depending on the Bluetooth device, BT.app may not work.
- In Bluetooth function, if you use BT app, the supplied remote control may not work.
- When using BT app for remote control, the operation may differ from the supplied remote control.
- According to the smartphone's operating system, you have some differences for BT app's operation.
- When your Bluetooth device have been already connected with other unit, disconnect the Bluetooth connection first. Then you can control your player through BT app.

Troubleshooting

Problem	Correction
No Power.	• Plug in the power cord. • Check the condition by operating other electronic devices.
No sound.	• Press **FUNCTION(FUNC.)** and check the selected function.
The unit does not start playback.	• Insert a playable disc. • Clean the disc. (Refer to the 30 page) • Insert the disc with the label or printed side facing forward.
Radio stations cannot be tuned in properly.	• Connect the antenna securely. • Tune to the station manually. • Preset some radio stations, see page 17 for details.
The remote control does not work properly.	• Operate the remote control within about 23 ft (7 m). • Remove the obstacle in the path of the remote control and the unit. • Replace the batteries with new ones.
iPod/iPhone/iPad does not work.	• Connect iPod/iPhone/iPad to the unit correctly.
Clock does not displayed.	• Connect iPod/iPhone/iPad to the unit correctly. • Connect your mobile phone to your unit through BT.app.

Trademarks and Licenses

Made for iPod iPhone iPad

"Made for iPod," "Made for iPhone," and "Made for iPad" mean that an electronic accessory has been designed to connect specifically to iPod, iPhone, or iPad, respectively, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. Please note that the use of this accessory with iPod, iPhone, or iPad may affect wireless performance.

R·D·S

DAB digital radio

The 'DAB Digital Radio' logo and the stylised 'r' mark® and © Digital One Ltd."

Bluetooth®

Bluetooth® wireless technology is a system which allows radio contact between electronic devices within a max. range of 10 meters.

Connecting individual devices under Bluetooth® wireless technology does not incur any charges. A mobile phone with Bluetooth® wireless technology can be operated via the Cascade if the connection was made via Bluetooth® wireless technology.

The Bluetooth® word mark and logos are owned by the Bluetooth® SIG, Inc. and any use of such marks by LG Electronics is under license.

Other trademarks and trade names are those of their respective owners.

Specifications

General	
AC adapter requirements	DC 18 V , 200 - 240 V, 50/ 60 Hz
Power consumption	30 W
Dimensions (W x H x D)	(470 x 210 x 116) mm
Net Weight (Approx.)	3.2 kg
Operating temperature	5 °C to 35 °C (41 °F to 95 °F)
Operating humidity	5 % to 90 %
Bus Power Supply	USB : DC 5 V ⎓ 500 mA iPod/iPhone/iPad : DC 5 V ⎓ 2.1 A

Inputs	
PORT. IN	1.0 Vrms (3.5 mm stereo jack)

Tuner	
FM Tuning Range	87.5 MHz to 108.0 MHz or 87.50 MHz to 108.00 MHz

Amplifier	
Stereo mode	20 W + 20 W (8 Ω at 1 kHz)
T.H.D	10 %

CD	
Frequency Response	30 to 20000 Hz
Signal-to-noise ratio	75 dB
Dynamic range	80 dB

Speakers	
Type	built-in
Impedance Rated	8 Ω
Rated Input Power	10 W
Max. Input Power	20 W

- Design and specifications are subject to change without notice.

Maintenance

Notes on Discs

Handling Discs

Never 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 and never leave it in a parked car exposed to direct sunlight.

Cleaning Discs

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

Handling the Unit

When shipping the unit

Please save the original shipping carton and packing materials. If you need to ship the unit, for maximum protection, re-pack the unit as it was originally packed at the factory.

Keeping the exterior surfaces clean

Do not use volatile liquids such as insecticide spray near the unit.

Wiping with strong pressure may damage the surface.

Do not leave rubber or plastic products in contact with the unit for a long period of time.

Cleaning the unit

To clean the player, 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, benzine, or thinner, as these might damage the surface of the unit.

Maintaining the Unit

The unit is a high-tech, precision device. If the optical pick-up lens and disc drive parts are dirty or worn, the picture quality could be diminished. For details, please contact your nearest authorized service center.



Technology with the human touch

GUARANTEE

- LG Electronics U.K. Ltd. will provide the following services in order toexpedite 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 PROVED.
- 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.*

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

LGEUK Website : www.lge.co.uk
(service website : www.lgelectronics.co.uk)



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