ENGLISH

MODEL : FA163DAB (FA163-B0P, FAS163F)

iPod is a trademark of Apple Computer, Inc, registered in the U.S. and other countries.

P/NO : MFL40968812

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.

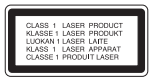


The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

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

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 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 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. Should 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. 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.

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 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.



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.

This product is manufactured to comply with EMC Directive 2004/108/EC and Low Voltage Directive 2006/95/EC.

European representative :
LG Electronics Service Europe B.V. Veluwezoom 15, 1327 AE Almere, The Netherlands (Tel : +31-036-547-8940)







There is so much your Hi-Fi system can do

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VOLUME Adjustment
Move your finger around the touch wheel.

Precautions in using the touch buttons

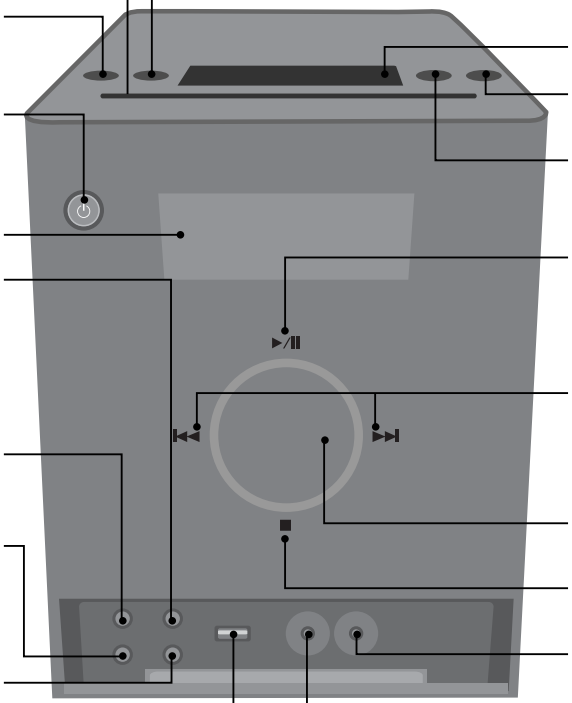
- Use the touch buttons with clean and dry hands. In a humid environment, wipe out any moisture on the touch buttons before using.
- Do not press the touch buttons hard to make it work. If you apply too much strength, it can damage the sensor of the touch buttons.
- Touch the button that you want to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

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 offence. This equipment should not be used for such purposes.

Be responsible
Respect copyrights

Before connecting, operating or adjusting this product, please read this instruction booklet carefully and completely.

About Player



CD slot loader

To change the functions
Change the functions among FM, AM, DAB, CD, USB, IPOD, PORTABLE.

Turn on or off
Press ⏻ for longer than 3 seconds as the device is powered on, you can move into Power save mode.

Display window

• **VSM (Virtual Sound Matrix)**
You can select the Virtual sound.
• **DEMO**
Press **DEMO** in power off state to demonstrate the function on display window. Press again to cancel.

CLOCK
For setting the clock and checking the time. (see Setting the Clock)

TIMER
With the TIMER function you can turn CD/USB play and radio reception on or off at a desired time. (see Use your player as an alarm clock)

SET (RDS-OPTIONAL)
Confirms the time you have selected when setting the clock. (see Setting the clock)

USB connector
Connect a remote USB compatible player here.

• **eXtreme Dynamic Sound System**
Reinforce the treble, bass and surround sound effect. XDSS ON will show in the display. Press again for NORMAL.
• **OPTIMIZER**
Optimizes compressible MP3 files so that it improves the bass sound.

iPod Docking connector

⏏
You can use it when inserting or removing CDs.

USB Rec.
Record FM, AM, CD or PORTABLE source to USB.

• **Starts or pauses playback**
• **Improve poor FM reception**
This will change the tuner from stereo to mono and usually improve the reception.

• **Select the radio station**
(see Listening to the radio)
• **Search for a section within a track**
(see Listening to CDs)

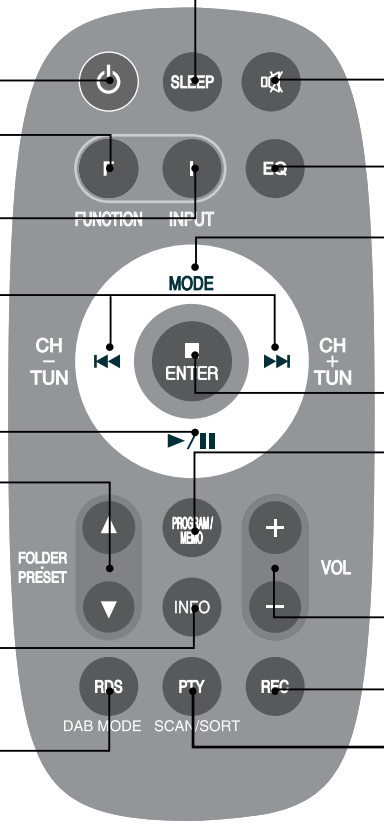
Control the volume when using any function.

Stops playback or recording

PHONES (Headphone jack)
Connect a headphone plug (∅3,5 mm) into the jack to listen to the sound through headphones.

PORTABLE IN
The player can be used to play the music from many types of portable player.

About Remote control



Turn on or off

To change the functions
Change the functions among FM, AM, DAB, CD.

To change the INPUT functions
Change the functions among USB, IPOD, PORTABLE.

• **Select the radio station**
(see Listening to the radio)
• **Search for a section within a track**
(see Listening to CDs)

Starts or pauses playback

• **Search for a folder of MP3/WMA files**
When a CD containing MP3/WMA files in several folders is being played, press **FOLDER·PRESET** to select the folder you want to play.
• **Choose a 'preset number' for a radio station**
(see Listening to the radio)

See information about your music
MP3/WMA files often come with tags. The tag gives the Title, Artist, Album or Time information.

• **Search radio stations by DAB radio type**
• **Changes the display information of DAB channel**

• **Fall asleep while listening to your player**
Firstly, start a radio station or music. Press **SLEEP** one or more times to select delay time between 10 and 180 minutes, after the selected time has elapsed, the player will turn off.
• **Dim the display light**

Temporarily stop the sound
Press the button again to return to the sound.

Sound quality adjustment
You can choose sound impressions.

Listen to your tracks again and again
Press **MODE** repeatedly, the display changes in the following order, RPT 1 - RPT ALL - RANDOM - OFF.

Stops playback or recording

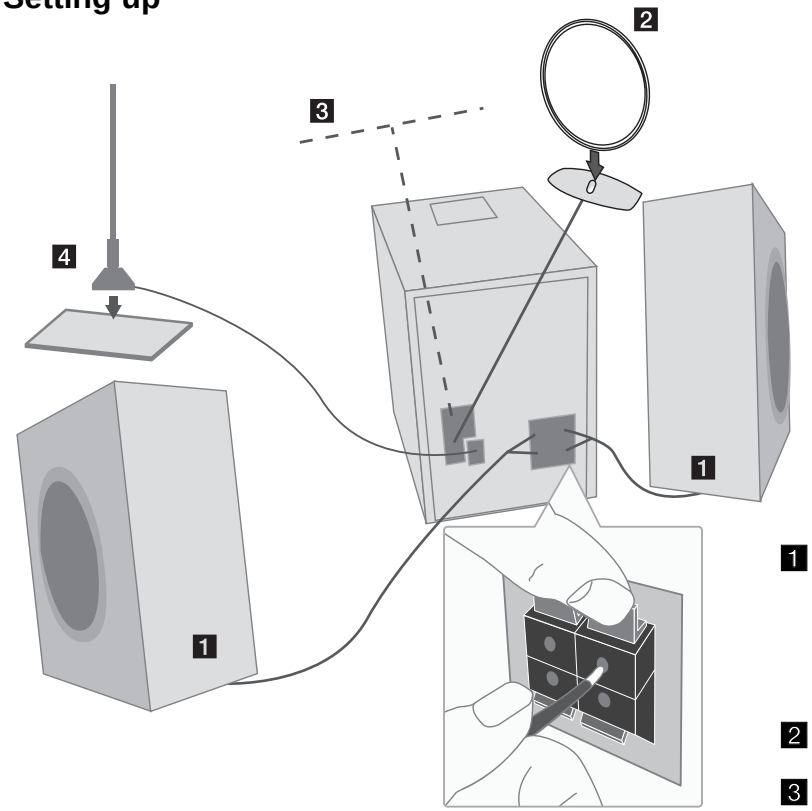
• **For storing radio stations**
If you have saved radio stations using **PROGRAM/MEMO**, you can scroll through them and select one. (see Listening to the radio)
• **Listen to your tracks in any order**
(see Listening to CDs)

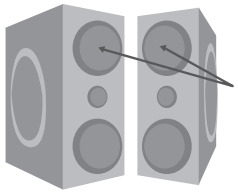
Control the volume when using any function.

Starts or pauses recording

• **Searchs radio stations by DAB radio type**
• **Aligning the service names**
• **DAB band scaning**

Setting up





Speaker decoration
This part of the device is made just for design attraction.



Put the battery in the remote control
Make sure that the + (plus) and - (minus) on the battery (size AAA) match those on the remote control.

Be careful of the following

Be careful to make sure children not to put their hands or any objects into the *speaker duct.

*speaker duct : A hole in speaker cabinet (enclosure) that gives plentiful bass sound.

1 Connect the speaker cables to the player

Cables from the left-hand speaker connect to the terminal marked L (left) + (plus) and - (minus). Cables from the right-hand speaker are connected to the terminal marked R (right) + (plus) and - (minus).
To connect the cable to the player, press each of the four square plastic finger pads on the rear of the player. The connector will open ready to receive a cable.

2 Fit the AM loop aerial to its stand

Connect the AM loop aerial to the player.

3 Connect the FM aerial

The reception will be at its best when the two loose ends of the aerial are in a straight line and horizontal.

4 Connect the DAB aerial

Place it to the place where strong signals are received.

5 Plug the power plug into a wall socket

Listening to CDs

Audio CD and MP3/WMA CD can be played back in this player.

	ON PLAYER	ON REMOTE
1. Insert the CD:	**-**	**-**
2. Select the CD function: The display will show the total number of tracks (files).	**FUNC.**	**FUNCTION**
3. Start the CD playing:	**▶/II**	**▶/II**
4. To stop a CD playing:	**■**	**■ ENTER**

Listening to CDs - more you can do

Pause or restart a CD

Press **▶/II** on either the player or the remote control during playback.
Press this button again to resume play.

Search for a section within a track

Hold **I◀◀ /▶▶I** on either the player or the remote control during playback.

Skip to another track

Press **I◀◀ /▶▶I** on either the player or the remote control.

Speed search for tracks

Hold **I◀◀ /▶▶I** on either the player or the remote control only in stop status.
Track skips continuously in turn.

Listen to your tracks again and again

Press **MODE** on the remote control repeatedly, the display changes in the following order, RPT 1 - RPT ALL - RANDOM - OFF.

Listen to your tracks in any order

Up to 20 tracks on a CD can be listened to in the order of your choice. Insert a CD and wait for it to be read. Press **PROGRAM/MEMO** on the remote control, then use **I◀◀ /▶▶I** to select the track. Press **PROGRAM/MEMO** again to save and select the next track. Press **▶/II**. To clear your selection, press **■** twice .

NOTES :

- Do not push a disc forcibly into the CD slot.
- Do not pull or push a disc while a disc is ejected.
- Press ⏏ again to reinsert the disc after ejecting it.

iPod Docking

You can listen to music by connecting iPod to the player. Connect iPod to iPod dock on the upper part of the player.

	ON PLAYER	ON REMOTE
1. Select the iPod function: "IPOD" displays.	**FUNC.**	**INPUT**
2. Start the playing:	**▶/II**	**▶/II**
3. Before disconnecting the iPod, change to any other function by pressing:	**FUNC.**	**FUNCTION or INPUT**
4. Remove iPod:		

iPod Docking - more you can do

Pause or restart an iPod

Press **▶/II** on either the player or the remote control during playback.
Press this button again to resume play.

Search for a section within a track

Hold **I◀◀ /▶▶I** on either the player or the remote control during playback.

Skip to another track

Press **I◀◀ /▶▶I** on either the player or the remote control.

Select another track

Press **MODE** on the remote control, you can move to the previous list. Press **FOLDER•PRESET** on the remote control, you can move to a desired item. Then, press **■ ENTER** on the remote control, you can confirm it.

NOTES :

- It works with all iPod models that have a dock connector.
- Compatibility with your iPod may vary depending on the type of your iPod.
- Adjust the volume to a moderate level before you connect your iPod and this unit.
- You must select "CHARGE ON" by pressing **INFO** to charge the iPod battery.
- You can enjoy clearer sound on charge off than on charge on. Press **INFO** on the remote control repeatedly, the display changes in the following order, CHARGE ON → CHARGE OFF.
- When the connection with iPod is not solid and the remaining battery is not enough, the message "ERROR" is displayed or iPod will not respond. Charge your iPod battery.

Listening to the radio

Make sure both the FM and AM aerials are connected.

	ON PLAYER	ON REMOTE
1. Select either FM or AM:	**FUNC.**	**FUNCTION**
2. Select the radio station:	**I◄◄ /►►I**	**I◄◄ /►►I**
3. To 'save' a radio station: A preset number will show in the display.		**PROGRAM/MEMO**
4. To select a 'saved' station:		**FOLDER•PRESET**
5. To confirm press: Up to 50 radio stations can be saved.		**PROGRAM/MEMO**

Listening to the radio - more you can do

Look for radio stations automatically

Press **I◄◄ /►►I** on either the player or the remote control for more than 0.5 second. The tuner will scan automatically and stop when it finds a radio station.

Choose a 'preset number' for a radio station

Select a station you want by pressing **I◄◄ /►►I** on either the player or the remote control. Press **PROGRAM/MEMO** on the remote control, the station flashes. Press **FOLDER•PRESET** on the remote control to select the preset number you want. Press **PROGRAM/MEMO** to save it.

Delete all the saved stations

Press and hold **PROGRAM/MEMO** on the remote control for two seconds. "ERASE ALL" shows. Press **PROGRAM/MEMO** to erase all the saved stations.

Improve poor FM reception

Press **►/II** on either the player or the remote control. This will change the tuner from stereo to mono and usually improve the reception.

See information about your radio stations - OPTIONAL

The FM tuner is supplied with the Radio Data System (RDS) facility. This shows the letters RDS on the display, plus information about the radio station being listened to. Press **RDS** on the remote control several times to view the information.

PTY - Programme Type, such as News, Sport, Jazz.
RT - Radio Text, the name of the radio station.
CT - Time Control, the time at the location of the radio station.
PS - Programme Service name, the name of channel.

You can search the radio stations by programme type by pressing **RDS**. The display will show the last PTY in use. Press **PTY** one or more times to select your preferred programme type. Press **I◄◄ /►►I** on either the player or the remote control. The tuner will search automatically. When a station is found the search will stop.

Listening to the DAB radio

DAB (Digital Audio Broadcasting) is a new form of radio broadcasting using digital signals rather than traditional analogue signals.
DAB provides listeners CD-like quality radio programs. DAB can carry not only audio but also text.

	ON PLAYER	ON REMOTE
1. Select the DAB function: The frequency received first after scanning DAB bands is broadcasted.	**FUNC.**	**FUNCTION**
2. Select the DAB radio station:	**I◄◄ /►►I**	**I◄◄ /►►I**
3. Play the selected channel:	**►/II**	**►/II**
4. To 'save' a DAB radio station: A preset number will show in the display.		**PROGRAM/MEMO**
5. To select a 'saved' station:		**FOLDER•PRESET**
6. To confirm press: Up to 50 radio stations can be saved.		**PROGRAM/MEMO**

Listening to the DAB radio - more you can do

DAB mode

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 → FREQUENCY → DLS → QUALITY → ENSEMBLE. Select a display mode and then press **I◄◄ /►►I**, the initials of the service name are displayed.

SERVICE - Displays the Name of Component for the current broadcast.
PTY NAME - Displays the Type of Component for the current broadcast.
FREQUENCY - Displays the frequency of Component for the current broadcast.
DLS - It displays the current Scroll of Component which is selected.
QUALITY - It displays the current strength of electric field of broadcasting which it doing in Bar form.
ENSEMBLE - Displays the Ensemble of Component for the current broadcast.

Aligning the service names

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

Selecting among Primary and Secondary broadcastings

For the frequency on which secondary broadcasting channels exist, ▶ blinks after selection. Then, press **▶/II** to select the secondary broadcasting.

Delete all of the saved DAB stations

Press and hold **PROGRAM/MEMO** on the remote control for 2 seconds. "ERASE ALL" will be displayed. Press **PROGRAM/MEMO** to erase all the saved stations.

Listening to music from your portable player

The player can be used to play the music from many types of portable player.

	ON PLAYER	ON REMOTE
1. Connect the portable player by plugging the unit into PORTABLE IN on the front of the player:		
2. Turn the power on:	⏻	⏻
3. Select the PORTABLE function:	**FUNC.**	**INPUT**
4. Turn the portable player on and start it playing:		

Playing music using USB

The advantage of connecting your portable USB player through the system's USB port is that the portable device can be controlled from the system.

	ON PLAYER	ON REMOTE
1. Connect the portable player to the system using a USB cable (not supplied):		
2. Select the USB function: The display will show READ, followed by the number of files displayed.	**FUNC.**	**INPUT**
3. Select the folder :		**FOLDER•PRESET**
4. Start the USB playing:	**▶/II**	**▶/II**
5. To stop a USB playing:	■	■
6. Before disconnecting the portable USB player, change to any other function by pressing:	**FUNC.**	**FUNCTION or INPUT**
7. Remove the USB player:		

NOTES :

- Some portable devices are not compatible with this system.
- When various cards are connected to the Memory Card Reader, the first detected card is recognized.
- **Do not extract the USB device in operating.**
- To prevent data loss, back up all data.
- If you use a USB extension cable or USB hub, the USB device might not be recognized.
- A device using NTFS file system is not supported (Only the FAT (16/32) file system is supported.).
- The USB function of this unit does not support all USB devices.
- Digital camera and mobile phones are not supported.
- This unit is not supported when the total number of files is 1000 or more.

USB direct Recording

Record FM, AM or PORTABLE source to USB

Connect USB to the player before recording.

	ON PLAYER	ON REMOTE
1. Select a mode (PORTABLE, FM or AM) in which you want to record:	**FUNC.**	**FUNCTION or INPUT**
2. Start the Recording:	**USB Rec.**	**REC**
3. To stop a Recording:	■	■

Record CD source to USB

You can record one desired track or all of the music tracks in CD to USB.

	ON PLAYER	ON REMOTE
1. Select the CD function:	**FUNC.**	**FUNCTION**
2. Select the track:	**I◄◄ /►►I**	**I◄◄ /►►I**
3. Start the Recording:	**USB Rec.**	**REC**
4. To stop a Recording:	■	■

NOTES :

- If removing the while recording, the recorded file may not be saved.
- Press **USB Rec.** on the player or **REC** on the remote control for longer than 3 seconds, you can select bit rate. Press **I◄◄ /►►I** to select the bit rate and **USB Rec.** or **REC** again to select the recording speed. Press **I◄◄ /►►I** to select a desired recording speed and **USB Rec.** or **REC** again to finish recording.
  X 1 SPEED (96kbps, 128kbps, 192kbps, 256kbps)
  - You can listen to music while recording it.
  X 2 SPEED (Only 96kbps, 128kbps)
  - You can just recording the music file. (Only Audio CD)
- When you select CD function, and then press **USB Rec.** on the player or **REC** on the remote control as not selecting any tracks, all music files in CD are recorded.
- Set programs by using **PROGRAM/MEMO** and press **USB Rec.** on the player or **REC** on the remote control, you can record desired songs on CD in order.
- When set sleep mode to on, recording stops at the previously set time and then the player is turned off.
- For sources of DAB radio/iPod, recording is not supported.

Setting the Clock

	ON PLAYER
1. Press for at least 2 seconds:	**CLOCK**
2. Choose from either: AM 12:00 (for an am and pm display) or 0:00 (for a 24 hour display)	**I◄◄ /►►I**
3. Confirm your selection:	**SET**
4. Select the hours:	**I◄◄ /►►I**
5. Press:	**SET**
6. Select the minutes:	**I◄◄ /►►I**
7. Press:	**SET**

Use your player as an alarm clock

Press and hold **TIMER** on the player for two seconds. Each function, TUNER, DAB, CD, USB flashes for two seconds. Press **SET** on the player when the function you want to be woken by is showing.

If you choose TUNER you will be shown the stations you have saved as presets. Use **I◄◄ /►►I** on the player to select the station you want, then press **SET** on the player.

You will be shown the ON TIME display. This is where you set the time you want the alarm to go off. Use **I◄◄ /►►I** on the player to change the hours and minutes and **SET** on the player to save.

You will then be shown the OFF TIME display. This is where you set the time you want the function to stop. Use **I◄◄ /►►I** on the player to change the hours and minutes and press **SET** on the player to save.

Next you will be shown the volume (VOL) you want to be woken by. Use **I◄◄ /►►I** on the player to change the volume and **SET** on the player to save. Switch the system off. The clock icon shows that the alarm is set.

When the system is turned off you can check the time the alarm is set for by pressing **TIMER** on the player. You can also turn the alarm on and off by pressing **TIMER** on the player. To set the alarm to go off at a different time, switch the system on and reprogram following the same steps as initially.

NOTE : If you select DAB in setting the TIMER, the last broadcasted channel is selected automatically.

Fall asleep while listening to your player

Press **SLEEP** on the remote control one or more times to select delay time between 10 and 180 minutes, after the player will turn off. Press **SLEEP** on the remote control repeatedly, the display changes in the following order, corresponding icons & dimmer ON → SLEEP 180 (dimmer ON) → SLEEP 150 (dimmer ON) → SLEEP 120 (dimmer ON) → SLEEP 90 (dimmer ON) → SLEEP 80 (dimmer ON) → SLEEP 70 (dimmer ON) → SLEEP 60 (dimmer ON) → SLEEP 50 (dimmer ON) → SLEEP 40 (dimmer ON) → SLEEP 30 (dimmer ON) → SLEEP 20 (dimmer ON) → SLEEP 10 (dimmer ON) → sleep off & dimmer off.

Sound quality adjustment

You can choose sound impressions. Press **EQ** on the remote control repeatedly, the display changes in the following order, NATURAL → AUTO -- EQ (Only MP3/WMA file) → POP → CLASSIC → ROCK → JAZZ → NORMAL.

VSM (Virtual Sound Matrix)

You can select the Virtual sound. Press **VSM** on the player to set the virtual sound. Press **VSM** on the player repeatedly, the display changes in the following order, BYPASS → VIRTUAL → ON STAGE.

- BYPASS : Software with multichannel surround audio signals is played according to the way it was recorded.
- VIRTUAL : Real-time 3D positioned sound rendering technology with stereo sources, optimized for stereo speakers. Listeners may experience amazing virtual surround effects with their own multimedia players.
- ON STAGE : The sound fills Concert hall.

About MP3/WMA

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

- Sampling Frequency : 8 - 48 kHz (MP3), 32 - 48 kHz (WMA)
- Bit rate : 8 - 320 kbps (MP3), 48 - 320 kbps (WMA)
- CD-R physical format should be “ISO 9660”
- 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 ISO 9660 file system.
- Do not use special letters such as “/ : * ? “ < >”etc.
- Even if the total number of files on the disc is more than 1000, the unit will only show up to 999.

Troubleshooting

Symptom	Cause	Correction
General		
No power.	The power cord is not plugged in.	Plug in the power cord.
	Check whether electricity failed.	Check the condition by operating other electronic devices.
No sound.	Check whether you select right function.	Press **FUNC. (FUNCTION/INPUT)** and check the selected function.
CD		
The unit does not start playback.	An unplayable disc is inserted.	Insert a playable disc.
	The disc is dirty.	Clean the disc.
RADIO		
Radio stations cannot be tuned in.	The antenna is positioned or connected poorly.	Connect the antenna securely.
iPod		
iPod does not work.	Check whether the player is connected to the unit correctly.	Connect it to the unit correctly.
	Check whether iPod is fully charged.	Charge the iPod.
Remote control		
The remote control does not work properly.	The remote control is too far from the unit.	Operate the remote control within about 16 ft (5 m).
	There is an obstacle in the path of the remote control and the unit.	Remove the obstacle.
	The battery in the remote control is exhausted.	Replace the battery with new one.

Specifications

General	
Power supply	Refer to main label.
Power consumption	Refer to main label.
Net Weight	3,2 kg
External dimensions (WxHxD)	175 x 217 x 260 mm
Operating temperature	5 °C to 35 °C
Operating humidity	5% to 85 %
Tuner	
FM Tuning Range	87,5 - 108,0 MHz or 65 - 74 MHz, 87,5 - 108,0 MHz
AM Tuning Range	522 - 1620 kHz or 520 - 1720 kHz
DAB Tuning Range	174 - 239 MHz
Amplifier	
Output Power	80 W + 80 W
T.H.D	0,5 %
Frequency Response	40 - 20000 Hz
Signal-to-noise ratio	75 dB
CD	
Frequency response	40 - 20000Hz
Signal-to-noise ratio	75 dB
Dynamic range	75 dB
Speakers (FAS163F)	
Type	3 Way 3 Speaker
Impedance	4 Ω
Frequency Response	70 - 20,000 Hz
Sound Pressure Level	83 dB/W (1m)
Rated Input Power	80 W
Max. Input Power	160 W
Net Dimensions (WxHxD)	129 x 297 x 250 mm
Net Weight (1EA)	3,6 kg

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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 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

* Please complete for your own record

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

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