LG

MODEL : LAC7800R / LAC6800R

Bluetooth®   COMPACT disc DIGITAL AUDIO   MP3 CD-R/RW   Plays Windows Media™   Radio Data System

ENGLISH

SVENSKA

DANSK

SUOMEN KIELI

NORSK

P/N : MFL42688933

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CE

This product is manufactured to comply with Directive 2006/28/EEC(ANNEX I , 3.2.9), 72/245/EEC, 99/5/EC and 2006/95/EC.

Safety Note

CAUTION
**RISK OF ELECTRIC SHOCK
DO NOT OPEN**

CAUTION : TO REDUCE THE RISK OF ELECTRIC SHOCK DO NOT SPLIT 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.

Always operate the vehicle in a safe manner.
Do not become distracted by the vehicle while driving, and always be fully aware of all driving condition. Do not change settings, or any functions.
Pull over in a safe and legal manner before attempting such operations.

Do not use for many hours at extremely low or high temperature. (-10~60'C)

To reduce the risk of electric shock, do not remove the cover or back of this product. There are no user-serviceable parts inside.
Refer servicing to qualified service personnel.

To reduce the risk of fire or electric shock, do not expose this product to dripping or splashing water, rain, or moisture.

The temperature of unit's outside can be extremely high, please use the unit after proper installation in your vehicle.
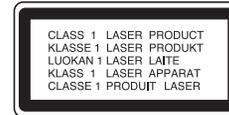
This unit cannot play 8cm disc (use 12cm disc only).

CAUTION : This product uses 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.

CLASS 1 LASER PRODUCT
KLASSE 1 LASER PRODUKT
LUOKAN 1 LASER LAITE
KLASS 1 LASER APPARAT
CLASSE 1 PRODUIT LASER

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.

Caution
When being connected in a wrong way, the unit displays as follows.
- **Antenna port short** : "ANTENNA ON PORT SHORT CIRCUIT CHECK"

After connecting it again, restart the unit.

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)

[LAC7800R] Front Panel / Remote Control
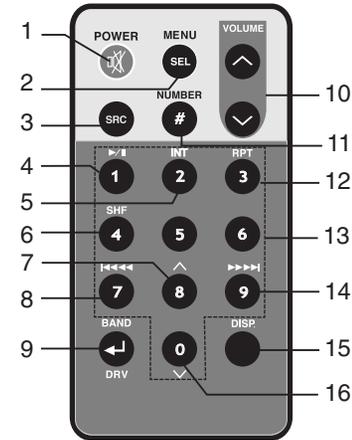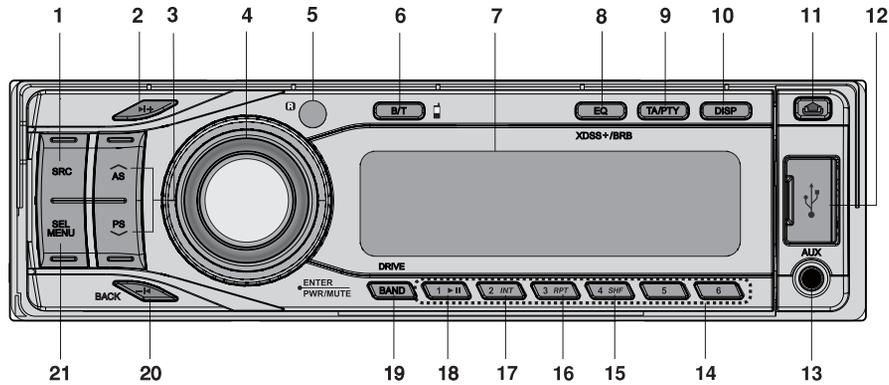
1 SOURCE [**SRC**]
2 Skip / Search / Seek / Tune ▶I+
3 • Auto Store [∧/**AS**]
   • Preset Scan [∨/**PS**]
   • MP3/WMA Track +10/-10 ∧/∨
   • Folder Up/Down ∧/∨
4 • Enter
   • Volume
   • [**MUTE**]
   • Power [**PWR**]
5 Remote Sensor
6 Bluetooth wireless technology [**B/T**]
7 Display window
8 • Equalizer [**EQ**]
   • Extreme Dynamic Sound System
     [**XDSS+**]
   • Bass Reverb Blaster [**BRB**]

9 • Traffic Announcement [**TA**]
   • Programme Type [**PTY**]
10 Display [**DISP**]
11 Release ▲
12 USB slot
13 AUX in
14 Preset Station [**1~6**]
15 Shuffle [**SHF**]
16 Repeat [**RPT**]
17 Intro Scan [**INT**]
18 Play/Pause ▶II
19 • [**BAND**]
   • [**DRIVE**]
20 Skip / Search / Seek / Tune / Back
   -I◀
21 Select [**SEL**] / [**MENU**]

1 Power [**POWER**] / Mute ⊠
2 Select [**MENU/SEL**]
3 Source [**SRC**]
4 Play / Pause ▶/II
5 Intro Scan [**INT**]
6 Shuffle [**SHF**]
7 • MP3/WMA Track +10
   • Folder Up ∧
8 • CD Skip / Search
   • Seek / Tune I◀◀ ◀◀

9 • [**BAND**]
   • DRIVE [**DRV**]
10 Volume Up ∧ / Down ∨
11 Number [**#**]
12 Repeat [**RPT**]
13 Number [**0 -9**]
14 • CD Skip / Search
   • Seek / Tune ▶▶ ▶▶I
15 Display [**DISP.**]
16 • MP3/WMA Track -10
   • Folder Down ∨

[LAC6800R] Front Panel / Remote Control(optional)

1 SOURCE [**SRC**]
2 Skip / Search / Seek / Tune ▶I+
3 • Auto Store [∧/**AS**]
   • Preset Scan [∨/**PS**]
   • MP3/WMA Track +10/-10 ∧/∨
   • Folder Up/Down ∧/∨
4 • [**ENTER**]
   • Volume
   • [**MUTE**]
   • Power [**PWR**]
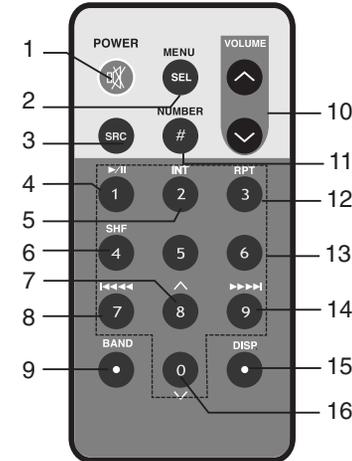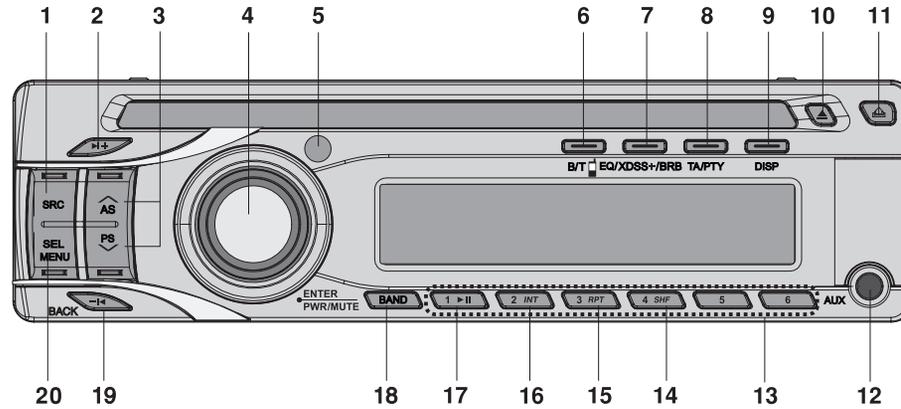5 Remote Sensor (Optional)
6 Bluetooth wireless technology [**B/T**]
7 • Equalizer [**EQ**]
   • Extreme Dynamic Sound System
     [**XDSS+**]
   • Bass Reverb Blaster [**BRB**]

8 • Traffic Announcement [**TA**]
   • Programme Type [**PTY**]
9 Display [**DISP**]
10 Eject
11 Release ▲
12 AUX in
13 Preset Station [**1~6**]
14 Shuffle [**SHF**]
15 Repeat [**RPT**]
16 Intro Scan [**INT**]
17 Play/Pause ▶II
18 [**BAND**]
19 Skip / Search / Seek / Tune / Back
   -I◀
20 Select [**SEL**] / [**MENU**]

1 Power [**POWER**] / Mute ⋈
2 Select [**MENU/SEL**]
3 Source [**SRC**]
4 Play / Pause ▶/II
5 Intro Scan [**INT**]
6 Shuffle [**SHF**]
7 • MP3/WMA Track +10
   • Folder Up ∧
8 • CD Skip / Search
   • Seek / Tune I◀◀ ◀◀

9 [**BAND**]
10 Volume Up ∧ / Down ∨
11 Number [**#**]
12 Repeat [**RPT**]
13 Number [**0 -9**]
14 • CD Skip / Search
   • Seek / Tune ▶▶ ▶▶I
15 Display [**DISP.**]
16 • MP3/WMA Track -10
   • Folder Down ∨

[LAC7800R] About Detachable Control Panel

Attaching the control panel

1. Attach part **A** of the control panel to part **B** of the unit.
2. Attach part **C** of the control panel to part **D** of the unit while pushing the control panel to left.
3. Close the control panel.

⚡ *Caution*

- When detaching or attaching the control panel, do not press the display or control buttons.
- The control buttons may not work properly if the control panel is not attached properly. If this occurs, gently press the control panel.
- Do not leave the control panel in any area exposed to high temperatures or direct sunlight.
- Do not drop the control panel or otherwise subject it to strong impact.
- Do not allow such volatile agents as benzine, thinner, or insecticides to come into contact with the surface of the control panel.
- Do not try to disassemble the control panel.

Detaching the control panel
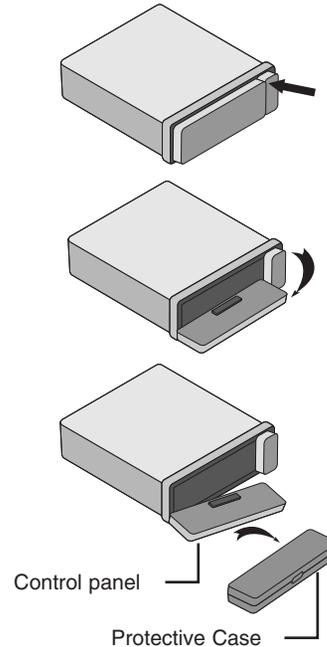
1. Press the " ⏏ " button to unlock the control panel.
2. Push the control panel to left.
3. Pull the control panel out of the unit.
4. Put the detached control panel into the protective case.

Control panel

Protective Case

📌 *Note*
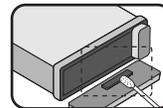
Periodically wipe the contacts on the back of the control panel with a cotton swab moistened with alcohol. For safety, turn off the ignition before cleaning, and remove the key from the ignition switch.

[LAC6800R] About Detachable Control Panel

Attaching the control panel
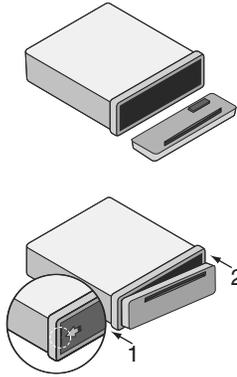
1   Align the left side of the panel with the stopper.
2   Push the right side or panel into the unit until it clicks.

Detaching the control panel
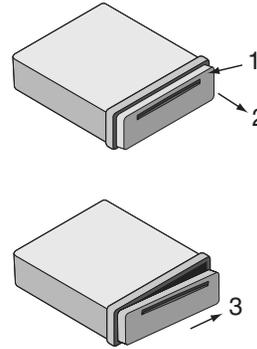
1   Press the " ⏏ " (RELEASE) to open the control panel.
2   Hold the right part of the control panel.
3   Pull out the control panel.
4   Place the control panel in the supplied protective case.

Control panel

Protective Case

🖈 *Note*

Periodically wipe the contacts on the back of the control panel with a cotton swap moistened with alcohol. For safety, turn off the ignition before cleaning, and remove the key from the ignition switch.

Installation

Basic Installation

Bend the claws according to the thickness of the dashboard

Control panel
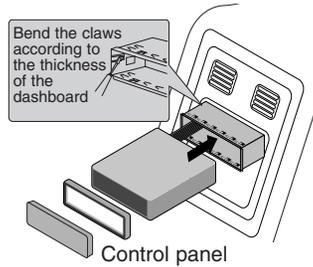
Before installing, make sure that the ignition-switch is set to OFF and remove the terminal of the car battery to avoid short-circuiting.

1   Remove the existing receiver unit.
2   Make the necessary connections.
3   Install the installation sleeve.
4   Install the unit into the installation sleeve.

Removing the existing receiver unit
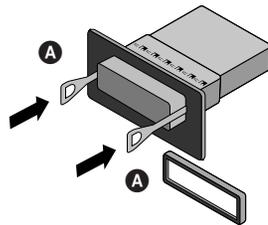
If there is already an installation sleeve for the receiver unit in the dashboard, it must be removed.

1   Remove the rear support from the unit.
2   Remove the control panel and trim ring from the unit.
3   Insert the lever Ⓐ into the hole on one side of the unit.
    Perform the same operation on the other side and pull the unit out from the mounting sleeve.

ISO-DIN Installation
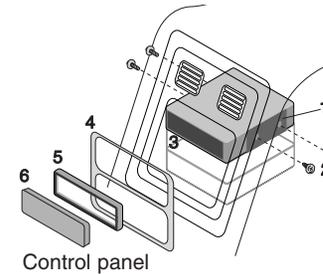
Control panel

1   Slide the unit into the ISO-DIN frame.
2   Fit screws removed from the old unit.
3   Slide the unit and frame into the dash opening.
4   Install the dash panel or adapter plate.
5   Install the trim ring to the unit.
6   Install the control panel to the unit.

Battery Installation
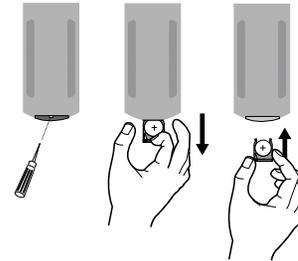
1   Pull out the battery holder with a sharp product like a ball point pen.
2   Put the battery with ➕ and ➖ correctly on the battery holder.
3   Push the battery holder back into its original position.

🔖 *Note*

• Use only one CR2025 (3V) lithium battery.
• Remove the battery if the remote control is not used for a long period of time.
• Do not leave the product in a hot or humid place.
• Do not handle the battery with metallic tools.
• Do not store the battery with metallic materials.

Connection

Before connecting, make sure that the ignition switch is set to OFF, and remove the battery $\ominus$ terminal to avoid short circuits.

Phone Mute(Orange)

Remote On(Blue/White)

Amplifier (Optional)

Front Left — Rear Left — Sub-woofer Left
Front Right — Rear Right — Sub-woofer Right
To Audio out   (Optional)   To Audio in

Amplifier (Optional)

A ⑤ Power Antenna(Blue)

Power Antenna

Control Relay

A ⑥ Dimmer(Pink)

Dimmer Switch

A ⑦ To Ignition(Red)

Ignition Switch

A ④ To Battery(+)(Yellow)

A ⑧ Ground(-)(Black)

BATTERY

A①, A②, A③ : Not connected

B ① Violet : Rear Right +
B ② Violet/ Black Stripe : Rear Right –
B ③ Gray : Front Right +
B ④ Gray / Black Stripe : Front Right –
B ⑤ White : Front Left +
B ⑥ White/Black Stripe : Front Left –
B ⑦ Green : Rear Left +
B ⑧ Green/ Black Stripe : Rear Left –

B①
B②
B③
B④
B⑤
B⑥
B⑦
B⑧

Basic Operation

	ON PLAYER	ON REMOTE
1. Turn the unit on.	PWR/MUTE	POWER 🔇
2. Select a source.	SRC	SRC
3. Adjust the volume.	Rotate PWR	VOLUME ∧ ∨

Basic operation - more you can do

Mute

Press **PWR/MUTE** (**POWER** 🔇 on the remote control) to cut the sound. To cancel it, press again.

Changing the general settings

1 Press and hold **SEL/MENU** (press and hold **SEL/MENU** on remote control) so that one of menu items appears**.**
2 Press **SEL/MENU** (**SEL/MENU** on remote control) and rotate **PWR**. (Press
  VOLUME ∧ ∨ on the remote control.) to select one of the settings specified
  belows.
  - For more details about setting information, refer to **page 20**.
3 Press and hold **SEL/MENU** (**SEL/MENU** on remote control) to finish the set-
  ting.

Using the EQ

EQ is to increase or decrease the signal strength of audio frequencies. The function helps you to enjoy sound more plentifully. Press **EQ/XDSS+/BRB** repeatedly. The screen lights up in the following order.
Pop → Classic → Rock → Jazz → Vocal → Salsa → Samba → User1 → User2 → Off

Note
When XDSS+/BRB is set to "Off", you can adjust the EQ settings.

Adjusting the sound level

Press **SEL/MENU** (**SEL/MENU** on the remote control) repeatedly to select the mode you want to adjust from volume, balance, fadar and Sub-woofer(optional). To adjust sound quality, rotate **PWR**.

Note
When EQ, BRB and XDSS+ is set to "Off", you can adjust the sound level (BAS, MID, TRB) settings.

XDSS+/BRB

Press and hold **EQ/XDSS+/BRB** repeatedly to select the modes you want.
XDSS+ : (Improves the treble, bass sound.)
BRB : (Bass Reverb Blaster) press **EQ/XDSS+/BRB** to select the sub BRB
  TBB (Turbo-Bass Blaster) : Improve the bass sound to make it spectacular.
  3D (3D-TremD Blaster) : Positions audio effects real time in 3D space.
  SBB (Sound field Boost Blaster) : Extremely wide stereo imaging and
  improved low frequency bass.

Checking the clock

You can see the clock pressing **DISP** (**DISP**. on the remote control).

Listening to the radio

	ON PLAYER	ON REMOTE
1. Select a source to tuner.	SRC	SRC
2. Select a band.	BAND	BAND
3. Auto seek.	-I◀ / ▶I+	I◀◀◀◀/▶▶▶▶I
Manual seek.	Press and hold -I◀ / ▶I+	Press and hold I◀◀◀◀/▶▶▶▶I

Listening RDS broadcasting

	ON PLAYER	ON REMOTE
1. Select a source to tuner.	SRC	SRC
2. Select a band to FM.	BAND	BAND
3. Select a programme types.	Press and hold TA/PTY	-
4. Select a station in PTY type.	1- 6	1-6

Listening to the radio - more you can do

Auto search memory

Press ∧/AS. The six strongest broadcast frequencies will be stored under preset button 1-6 in the order of their signal strength.To cancel, press ∧/AS.

Storing and recalling broadcast frequencies

1 Press **BAND** to select desired band you want to store.
2 Select the desired frequency and press one of preset buttons 1-6 and hold until the beep sound.
3 Repeat steps 1-2 to preset other stations. The next time, you press the same preset button, the radio station frequency is recalled from the memory.

To scan the preset stations

Press **∨/PS**. Each preset station appears. To cancel, press **∨/PS**.

To tune in the preset stations

Press **BAND** to select the desired band and press the desired preset button 1-6 (preset button 1-6 on the remote control).

Note

When a station is stored on the preset numbers on which another station of the same band has already been preset, the previously preset station is automatically erased.

RDS broadcasting information.

Press and hold the **PTY** repeatedly for selecting each mode.
Music group → Speech Group → Search off

NO.	MUSIC GROUP	NO.	SPEECH GROUP
1.	POP M, ROCK M	1.	NEWS, AFFAIRS, INFO
2.	EASY M, LIGHT M.	2.	SPORT, EDUCATE, DRAMA
3.	CLASSICS, OTHER M	3.	CULTURE, SCIENCE, VARIED
4.	JAZZ, COUNTRY	4.	WEATHER, FINANCE, CHILDREN
5.	NATION M, OLDIES	5.	SOCIAL, RELIGION, PHONE IN
6.	FOLK M	6.	TRAVEL, LEISURE, DOCUMENT

Listening a CD

	ON PLAYER	ON REMOTE
1. Open the front panel. [LAC7800R only]	⏏	-
2. Insert a CD.	-	-
3. Adjust the volume.	Rotate PWR	VOLUME ⌃ ⌄

Listening a CD - more you can do

Pause or restart a CD

Press ▶❚❚ on the player (▶/❚❚ on the remote control) during playback. Press this button again to resume play.

Search for a section within a track / file

Press and hold -❙◀ / ▶❙+ on the player (❙◀◀ ◀◀/▶▶/▶▶❙ on remote control) for about 1 second during playback and then release at the point you want.

Skip to another track / file

Press -❙◀ / ▶❙+ on the player (❙◀◀ ◀◀/▶▶/▶▶❙ on remote control.). To skip to previous track, press briefly -❙◀ within 3 seconds of playing time. Press [#] and a number you want to move on remote control to move the files/track.

Intro scan

Press or press and hold **INT** on the player (**INT** on remote control). Each files in the current selected folder (■ **INT**) or the first 10 seconds of each tracks/files (**INT**) on the disc are played. To cancel it, press the button again.

Repeat

Press or press and hold **RPT** on the player (**RPT** on the remote control). The current selected tracks/files (**1 RPT**) or folder (■ **RPT**) on the disc is played repeatedly. To cancel it, press the button again.

Shuffle

Press or press and hold **SHF** on the player (**SHF** on the remote control). Each files in the current selected folder (■ **SHF**) or all of the tracks/files (**SHF**) on the disc is played randomly. Press **SHF** again to cancel it.

🖎 Note

During random playback, if you press -❙◀ , you won't go back to the previous track.

MP3/WMA Track -10 / +10

(If there is no folder or one folder.) During playback press **V/PS** to go back 10 tracks, and press **∧/AS** to go forward 10 tracks.

MP3/WMA Folder UP/DOWN

(If there are more than two folders.) During playback, press **V/PS** to go back to the previous folder, and press **∧/AS** to go forward to the next folder.

See information about your music

MP3/WMA files often come with tags. The tag gives the Title, Artist or Album. Press **DISP** repeatedly during MP3/WMA/CD TEXT file playback. If there is no information, "NO TEXT" will be shown in the display window.

🖎 Note

- ■ : The icon is displayed during MP3/WMA playback.
- **MP3/WMA Disc compatibility with this unit is limited as follows:**
  1. Sampling Frequency / 8 - 48kHz (MP3) 22.05 - 48kHz (WMA)
  2. Bit rate / within 8 - 320kbps (include VBR) (MP3) 32 -320kbps (WMA)
  3. CD-R/CD-RW file system should be "ISO 9660"
  4. If you record MP3/WMA files using software which cannot create a FILE SYSTEM, for example "Direct-CD" etc., it will not be possible to playback MP3/WMA files. We recommend that you use "Easy-CD Creator" which creates an ISO9660 file system.
  5. WMA decoder is supported until "Class 2A".

Customers should also note that permission is required in order to download MP3/WMA files and music from the Internet. Our company has no right to grant such permission. Permission should always be sought from the copyright owner.

[LAC7800R] Connecting USB device
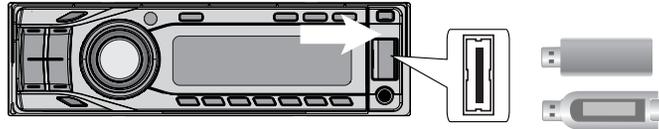
	ON PLAYER	ON REMOTE
1. Open the USB cover.	-	-
2. Connect the USB device.	-	-
3. Adjust the volume.	Rotate PWR	VOLUME ∧ ∨

Connecting USB device - more you can do

Moving to another drive

When connecting this unit to multi reader, press **BAND/DRIVE** (**BAND/DRV** on remote control) to go to the next drive. Each time you press the button, the driver modes changes.

Note
- If the USB device is already connected, press **SRC** (**SRC** on remote control.) to select a source to USB.
- Pause / Intro Scan / Repeat / Shuffle / ... functions are same with "Listening a CD - more you can do". Refer to the page 12.

Connecting an Auxiliary Equipment

[LAC7800R]

Auxiliary input

MP3 Player, etc   Line out

[LAC6800R]

Auxiliary input

MP3 Player, etc   Line out
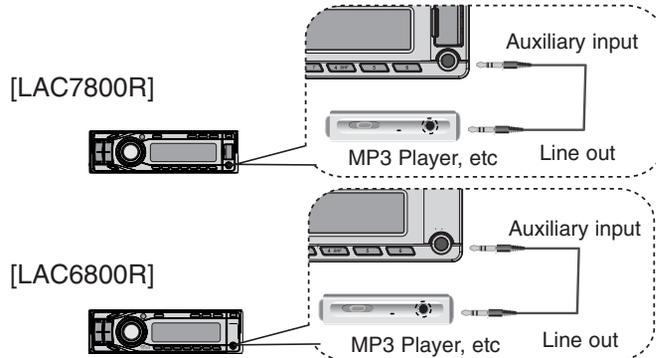
	ON PLAYER	ON REMOTE
1. Select a source to AUX.	SRC	SRC
2. Play the connected Auxiliary Equipment.	-	-
3. Adjust the volume.	Rotate PWR	VOLUME ∧ ∨

Connecting a *Bluetooth* wireless technology

Before you start the pairing procedure, make sure the *Bluetooth* wireless technology is turned on in to your phone. Refer to your phone's user guide. Pairing links your unit and phone with *Bluetooth* wireless technology, and is required only once for the initial setup. If the connection is successful, the phone is registered (Device 1–5) and the flashing of indicator stops on the unit. The process of pairing may be different depend on the phones. The PIN CODE is 1234.

	ON PLAYER
1. Enter the menu.	**B/T**
2. Find the "CONNECTION" menu.	**Rotate PWR**
3. Search the phones supported Bluetooth wireless technology.	**Press PWR**
4. Select a phone you want to connect.	**Rotate PWR**
5. Connect the phone.	**Press PWR**
6. Select the "CONNECT" menu.	**Press PWR**

Using a *Bluetooth* wireless technology - more you can do

Disconnecting a phone.

Refer to page 16. Go to the menu (B/T -> CONNECTION -> Connected device name -> DISCONNECT)

Answering and Ending a call.

When your unit rings, press **B/T** to answer a call. To end a call, press and hold **B/T**.

Rejecting a call

When your unit rings, press and hold **B/T**.

Making a call saved preset number

Press B/T and preset number (1~6).

Missed call notification

When an incoming call is not answered, the missed call message is displayed on the display window (without headset profile). When the " ?�望 " appears, go to the menu (B/T -> CALL -> MISSED). You can check the list of missed call. To place a call, press B/T. And to end the call and hang up the phone, press and hold **B/T**.

Audio transfer

It is possible to switch the audio connection between your phone equipped with Bluetooth wireless technology and this unit.
1 Press **B/T** to answer the call.
2 Press **B/T** again. The "Private" is displayed.
  If the private mode is selected on the unit, press **B/T** to return to the call to hands-free mode. Or press and hold **B/T** to return to the call to hands-free mode.

Making a call from the latest call

The lists are sorted from newest to oldest entries. Your unit keeps recorded of your recently received and dialed on phone. Refer to the page 16.

☀ *Note*
• When you want to make an international call, press ▶I+ to add "+" and to delete it press again.
• "+" can only be added when the detail list of Missed call, Dialled call or Received call is selected.
• Rejecting a call / Making a call saved preset number / Missed call notification (These features are only available on phones with Headset profile.)

Paring your unit and device with Bluetooth wireless technology (MP3 Player, MP3 Phone...)

When you activate your Bluetooth device's linked unit, you can listen to MP3 with wireless connections. The method of use for a Bluetooth device is the same as when using a Bluetooth phone. Refer to the phone's user guide for using this function.

Playing MP3 files

When you turn Bluetooth on, your device supported Bluetooth wireless technology displays "Bluetooth" on the home screen. The Bluetooth remains on until you turn the device off. Press **SRC** repeatedly to select [LAC7800R] "B/T Streaming" / [LAC6800R] "B/T Music". To play an MP3 file stored on your device. Refer to the phone's user guide for using this function.

Storing a call number in last answered.

You can easily store up to 6 phone numbers and laster recall with the press the button. Refer to the page 14. Go to the menu (CALL -> RECEIVED -> Rotate **PWR** the phone number you want to save -> SAVE -> select 1~6).

Bluetooth wireless technology profiles information.

In order to use Bluetooth wireless technology, devices must be able to interpret certain profiles. This unit is compatible with following profiles.
GAP (Generic Access Profile)
HFP (Hands Free Profile)
HSP (Hands Set Profile)
GAVDP (Generic Audio/Video Distribution Profile)
A2DP (Advanced Audio Distribution Profile)
AVRCP (Audio/Video Distribution Remote Control Profile)
OPP (Object Push Profile)

The buttons with bluetooth wireless technology

B/T : Press it to enter B/T setting.

▶I+ : When you write some words on the unit, press it to move next space on display.

• Press **PWR** : Go to the next contents of the setting or enter the words when you write some words on the unit.
• Rotate **PWR** : Move the contents vertically on the setting or choose a spell when you write the words on the unit.

-I◀ : Press it to delete a spell or go back previous contents. Press more 1 second to delete all words entered on display when you write some words on the unit.

[LAC7800R]

🔖 *Note*
The position of LAC6800R's B/T button is different with LAC7800R. But the features are same.
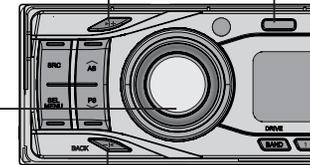
Adjusting the setting. (*Bluetooth* wireless technology)

B/T ── **CALL** ── **RECEIVED** ── RECEIVED/DIALED/MISSED Phone number list.
To call the phone number, select the phone number and press **B/T.**
── **DIALED** ── To save it, select the phone number and press **PWR**. "SAVE" will be shown. Press **PWR** again. Rotate **PWR** to select a preset number(1~6). The phone number be saved.
── **MISSED**

── **PRESET** ── PRESET : Checking and deleting the phone number saved preset number.

── **REDIAL** ── REDIAL : Adjusting the counts of redial. (1 TIME <-> 2 TIMES.)

── **DIAL** ── DIAL : Entering the number directly on the unit. To select the 1~10 rotate the volume.
Press ▶I+ to make the phone number. To call it, Press **B/T**.

PHONEBOOK ── **LIST** ── LIST : Checking the list of the phone numbers saved by phonebook.

── **PB SEARCH** ── H/F SEARCH : Searching the phone number in the list. (English and Russian only)
Press ▶I+ more 1 second to change the languages between Russian and English.

── **GET (ADD)** ── GET : Getting the Phonebook from the phone automatically.
(This menu is only available with phones supported this function.)
ADD (Under disconnection) : PHONEBOOK -> ADD-> Press PWR -> "000/500" will be displayed. Then send the phonebook data from your phone. Depend on your phone, the sending process is different. Refer to your phone's guide.

CONNECTION ── **Connected Device Name** ── Connected Device Name will be displayed.
When the unit is not under connection, you can search the phones available to connect.
Select the register in the Connection contents.

SETUP ── **VISIBILITY** ── VISIBILITY : You can make it is impossible to search this unit. (SHOWN <-> HIDDEN)

── **AUTO CONN** ── AUTO CONN : Adjusting connection with automatically or not. (ON <-> OFF)

── **AUTO ANSWER** ── AUTO ANSWER : You can adjust answering automatically or not. (ON <-> OFF)

── **MIC VOLUME** ── MIC VOLUME : Adjusting microphone volume on the phone from 1 to 5. While you are on the phone with bluetooth wireless technology, press ∧/AS, ∨/PS to adjust the MIC volume.

BT INFO ── **NAME** ── NAME : Changing the name of this unit.

── **PIN-1234** ── PIN code : Changing the PIN code. Default is 1234.

── **ADDRESS** ── ADDRESS : Checking the address.

Phone compatibility list (*Bluetooth* wireless technology)

Bluetooth list and manufacturing company applicable.

H : Handsfree
A : Audio Streming (A2DP)
P : Phonebook Sync (GET)
V : Object Push(Vcard, ADD)

Company	List	H	A	P	V
Nokia	3230	O			O
	3250	O			O
	3650	O		O	O
	5300	O	O	O	O
	6021	O		O	O
	6103	O		O	O
	6120	O	O		O
	6131	O		O	
	6230	O			O
	6270	O		O	
	6280	O	O	O	O
	6600	O			O
	6630	O			O
	6650	O			O
	6670	O			O
	6680	O			O
	6681	O			O
	6820	O			O
	7370	O		O	O
	7380	O	O		O
	7610	O			O
	7650				O
	7600	O			O
	7610	O			O
	7650				O
	8600	O	O		
	8800	O	O	O	O
	9500	O			
	3650 (Italy)	O			O
	5500 SPORT	O			O
	6230i	O		O	O
	6820a	O			O
	7500prism	O	O		O
	7650 (Italy)	O			O
	8910i	O		O	O
	9300i	O			
	E50	O			O
	E60	O			O
	E61	O			
	E62	O			
	E70	O			O

Company	List	H	A	P	V
Nokia	N70	O			O
	N71	O			O
	N73	O			O
	N77	O	O		O
	N80	O			
	N90	O			O
	N91	O			O
	N92	O			O
	N93	O			
	N95	O	O		O
	N-Gage	O			O
	N-Gage QD	O			O
Motorola	A1000	O			O
	A780	O			O
	E1000	O		O	
	E1070	O	O	O	O
	E398	O		O	O
	E550	O	O		O
	E680	O			O
	E680i	O			O
	KRZR K1	O	O	O	O
	L72	O	O	O	O
	RAZR V3	O		O	
	RAZR V3i	O			
	RIZR Z8	O	O		O
	ROKR E2	O	O		O
	ROKR E6	O	O		O
	SLVR L7	O		O	
	U6	O		O	
	V195	O			
	V360	O		O	
	V3X	O	O		O
	V500	O		O	O
	V525	O		O	O
	V600	O		O	O

Company	List	H	A	P	V
SONY ERICSSON	K610i	O	O	O	O
	K618i	O	O		O
	K700i	O			O
	K750i	O		O	O
	K770i	O	O		O
	K800i	O	O	O	O
	M600i	O	O	O	O
	P990i	O	O	O	O
	S500i	O	O	O	O
	S700i	O		O	
	T610	O		O	O
	T618	O		O	O
	T628	O		O	O
	T68i	O		O	O
	V600	O		O	
	V800	O		O	O
	W550i	O		O	O
	W710i	O	O	O	O
	W800i	O		O	O
	W810i	O		O	O
	W850i	O	O	O	O
	Z1010	O		O	O
	Z600	O		O	O
	Z608	O		O	O
SAMSUNG	D500	O			
	D600	O	O		O
	D820	O	O	O	O
	D900	O	O		O
	E770	O	O	O	O
	E900	O		O	O
	i600	O	O		
	T509	O			O
	X820	O	O	O	O
	Z540V	O			

| Bluetooth list and manufacturing company applicable. | | H : Handsfree A : Audio Streming (A2DP) | | P : Phonebook Sync (GET) V : Object Push(Vcard, ADD) | | | | | | | | | | | | | | |

Company	List	H	A	P	V	Company	List	H	A	P	V	Company	List	H	A	P	V
SIEMENS	EF81	O		O	O	LG	CU500	O	O		O		KE770	O	O		O
	S55	O			O		KE970	O	O		O		M4410	O			O
	S65	O			O		KG245	O			O	PHILIPS	O2 Xda Atom	O	O		
	S88	O			O		KG800	O			O	SHARP	GX15	O			O
	SK65	O			O		U880	O			O		GX25	O			O
	SL75	O	O		O		U890	O	O			I-MATE	K-JAM	O			O
	SX1	O			O		KF600	O	O		O	PANTECH	PG6200	O	O		O
	SXG75	O		O	O		KE850 PRADA	O	O		O	NEC	N750	O			
BLACK BERRY	8100(PEARL)	O					KG290	O			O		N930	O			
	8800	O		O	O		KE500	O	O		O	SAGEM	MYX6-2	O			
	8707v	O					KM500	O	O		O						
HP	HW6915	O		O	O		KU990 VIEWTY	O	O		O						
PALM	Treo750v	O	O				KU580	O	O		O						
							KU970	O	O		O						
							KU960	O	O								
							U370	O			O						

☆ **Note**

1. When the phone features <Bluetooth Power Save> function, you should make the function turned on to maintain connection.
2. When you switch the call mode from handsfree to phone, the connection may e disconnected.
3. Some phones don't support Reject function.
4. Low battery in phone may cause the problems.

❖ Bluetooth®

"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."

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.
Operating condition for using a *Bluetooth* wireless technology function
- Close windscreen.
- Turn off the air conditioner/ heater.
- Stop the vehicle or drive at low speed.
- Make the call in a quiet location.
• There may be differences in call quality depending on phone type, road conditions weather, etc.
• Using the phone while driving may cause unexpected accidents.
• The *Bluetooth* wireless technology function may not operate properly with certain types of phones equipped with *Bluetooth* wireless technology.

Troubleshooting

	Symptom	Cause	Correction
General	Power doesn't turn on / The unit doesn't operate.	Leads and connectors are not properly.	Confirm once more that all connections are correct.
		The fuse is blown.	Rectify the problem that caused the fuse to blow, and then replace it. Be very sure to install the correct fuse with the same rate.
		Noise and other factors are causing the built-in microprocessor to operate incorrectly.	Turn the unit off and then on.
	No sound is heard / The volume level will not rise.	Cables are not connected correctly.	Connect the cables correctly.
CD	There's audio skipping.	This unit is not firmly secured.	Secure this unit firmly.
	The playback is not possible.	The disc is dirty.	Clean disc.
		The loaded disc is of a type this unit cannot play.	Check what type the disc.
Remote	The unit does not operate correctly even when the appropriate remote control buttons are pressed.	Battery power is low.	Load new battery.

General setting information

- AF(Alternative frequency) ON / OFF
  When the reception quality drops, the tuner automatically changes to another station in the network, broadcasting a better reception quality, using the PI and AF codes.
- REG (Region) ON / OFF
  REG ON : The unit switches to another station, within the same network, broadcasting the same program when the receiving signals from the current station become weak.
  REG OFF : The unit switches to another station, within the same network when the receiving signals from the current station become weak. (This mode, the program may differ from the one currently received.)
- TA(Traffic Announcement) ALARM / SEEK
  TA ALARM : When a newly tuned station has no TP information for 5 seconds, a double beep sound is output.
  TA SEEK : When the newly tuned station does not receive TP information for 5 seconds, the receiver retunes to the next station which has the same PI as the last station, but has the TP information.
- PI (Programme Identification) SOUND / MUTE
  PI SOUND : If the sound of a station with different PI is heard intermittently, the receiver mutes the sound after 1 second. PI MUTE : If the sound of a station with different PI is heard intermittently, the receiver mutes the sound right now.
- AUX (Auxiliary) ON / OFF
  It is possible to use auxiliary equipment with this unit. Activate the auxiliary setting when using auxiliary equipment connected to this unit.
- AUX (Auxiliary) 00dB / +6dB
  You can adjust the volume level of each source to prevent radical changes in volume when switching between sources.
  You can set to 0 dB or +6 dB. You may be surprised at a loud sound when you change the source from the external component to another source.
- DEMO OFF/ ON
  You can change the initial indication on the display to information name (function name, EQ name, etc...) while listen to a source.
- [LAC7800R] LED BLU/RED, [LAC6800R] LED RED/GRN
  You can change the button color.
  [LAC7800R] Blue <-> Red / [LAC6800R] Red <-> Green
- BEEP 2ND / ALL
  BEEP 2ND : The beep is generated when a key is long pressed. (1 sec)
  BEEP ALL : The beep is generated when any key is pressed.

Specifications

General

Output Power	50W x 4CH (Max.)
Power Source	DC 12V
Speaker impedance	4Ω
Ground System	Negative
Dimensions (W x H x D)	180 x 50 x 176 mm (Without Control Panel)
Net Weight	1.3 kg

Tuner
FM

Frequency Range	87.5-107.9, 87.5-108 MHz
S/N Ratio	53 dB
Distortion	0.7%
Usable Sensitivity	12 dBµV

AM (MW)

Frequency Range	520-1720 or 522-1620 kHz
S/N Ratio	50 dB
Distortion	1.0%
Usable Sensitivity	28 dBµV

CD

Frequency Response	20 Hz-20 kHz
S/N Ratio	85 dB
Distortion	0.1%
Channel Separation (1kHz)	60 dB

AUX

Frequency Response	20 Hz-20 kHz
S/N Ratio	85 dB
Distortion	0.1 %
Channel Separation (1kHz)	45 dB
Max Input Level (1kHz)	1.2V (35KΩ)

Bluetooth

TX POWER	4 dBm
Frequency Range	2402 ~ 2480MHz
Version	Bluetooth Specification 2.0 + EDR

[LAC7800R] USB

Version	USB 1.1

Line OUT
Subwoofer (optional)

Frequency Response	20Hz ~ 120 Hz
Output Volatage	3.8 V (Max.)

Line out

Frequency Response	20Hz ~ 20 KHz
Output Volatage	3.8 V (Max.)

Designs and specifications are subject to change without notice.