JVC

CD RECEIVER

KD-G805

CD 收音組合機

KD-G805

เครื่องเล่น CD

KD-G805

Detachable

COMPACT DISC
DIGITAL AUDIO
TEXT

MP3 WMA

- This unit is equipped with the display demonstration. To cancel it, see page 8.
- 本機具有螢幕演示功能。要取消該功能,請參閱第 8 頁。
- เครื่องนี้ได้รับการติดตั้งการสาธิตภาพประกอบ หากต้องการยกเลิก โปรดดู หน้า 8

For installation and connections, refer to the separate manual.

有關安裝和連接方法,分別參閱操作手冊。

กรุณาดูคู่มือที่แยกต่างหาก ในการติดตั้งและการเชื่อมต่อ

INSTRUCTIONS
使用說明書
# คำแนะนำ

IMPORTANT FOR LASER PRODUCTS

1. CLASS 1 LASER PRODUCT
2. **CAUTION:** Do not open the top cover. There are no user serviceable parts inside the unit; leave all servicing to qualified service personnel.
3. **CAUTION:** Visible and invisible laser radiation when open and interlock failed or defeated. Avoid direct exposure to beam.
4. REPRODUCTION OF LABEL: CAUTION LABEL, PLACED OUTSIDE THE UNIT.

CAUTION : Visible and invisible laser radiation when open and interlock failed or defeated. AVOID DIRECT EXPOSURE TO BEAM. (e)	ADVARSEL : Synlig og usynlig laserstråling når maskinen er åben eller interlocken fejler. Undgå direkte eksponering til stråling. (d)	VARNING : Synlig och osynlig laserstrålning när den öppnas och spärren är urkopplad. Betrakta ej strålen. (s)	VARO : Avattaessa ja suojalukitus ohitettuna tai viallisena olet alttiina näkyvälle ja näkymättömälle lasersäteilylle. Vältä säteen kohdistumista suoraan itseesi. (f)

How to reset your unit

Press the reset button on the control panel using a ball-point pen or similar tool.
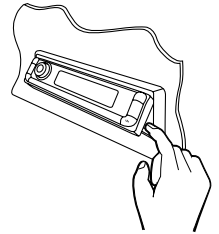This will reset the built-in microcomputer.
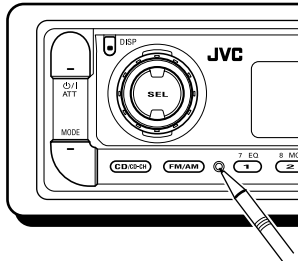
Note:
Your preset adjustments—such as preset channels or sound adjustments—will also be erased.
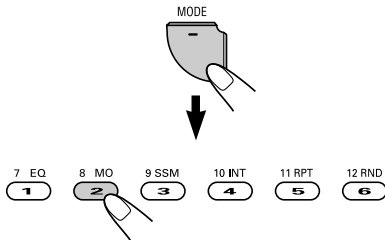
CAUTION:

NEVER insert your finger in between the control panel and the unit, as it may get caught or hurt. (See page 32.)

How to use the MODE button

If you press MODE, the unit goes into functions mode, then the number buttons and ▲/▼ buttons work as different function buttons.

Ex.: When number button 2 works as MO (monaural) button.

Time countdown indicator

To use these buttons for original functions again after pressing MODE, wait for 5 seconds without pressing any of these buttons until the functions mode is cleared.
• Pressing MODE again also clears the functions mode.

Thank you for purchasing a JVC product. Please read all instructions carefully before operation, to ensure your complete understanding and to obtain the best possible performance from the unit.

CONTENTS

BEFORE USE
*For safety....
• *Do not raise the volume level too much, as this will*
  block outside sounds, making driving dangerous.
• *Stop the car before performing any complicated*
  operations.

*Temperature inside the car....
If you have parked the car for a long time in hot or
cold weather, wait until the temperature in the car
becomes normal before operating the unit.

3

Control panel
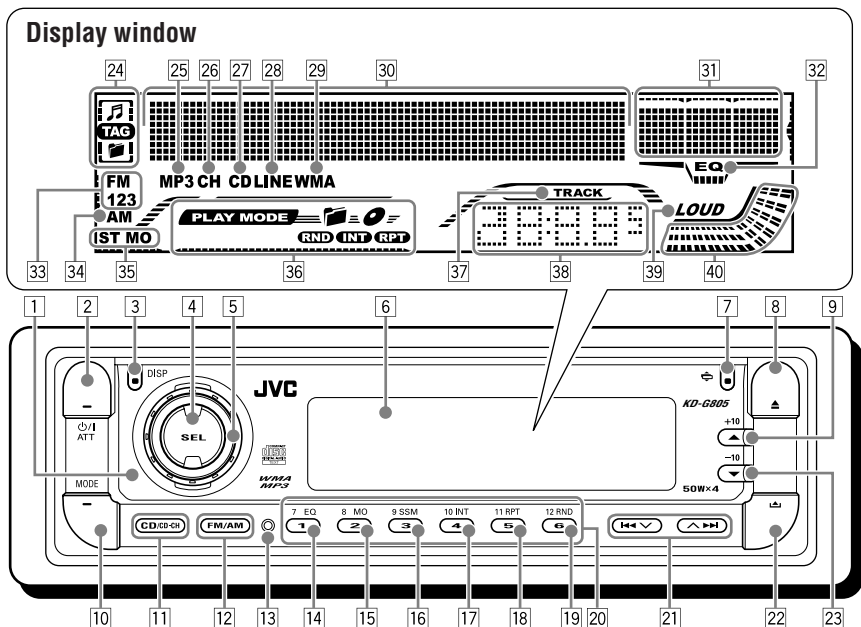
Display window

1 Remote sensor
2 ☼/I ATT (standby/on attenuator) button
3 DISP (display) button
4 SEL (select) button
5 Control dial
6 Display window
7 ⇕ (angle) button
8 ⏏ (eject) button
9 ▲ (up) button
   +10 button
10 MODE button
11 CD/CD-CH (CD changer) button
12 FM/AM button
13 Reset button
14 EQ (equalizer) button
15 MO (monaural) button
16 SSM (Strong-station Sequential Memory)
   button
17 INT (intro) button
18 RPT (repeat) button
19 RND (random) button
20 Number buttons
21 ⏮ ⌄/∧ ⏭ buttons
22 ⬓ (control panel release) button
23 ▼ (down) button
   –10 button

Display window

24 Disc information indicators
   🎵 (track/file), TAG (ID3 Tag), 📁 (folder)
25 MP3 indicator
26 CH (CD changer) indicator
27 CD indicator
28 LINE indicator
29 WMA indicator
30 Main display
31 Equalizer pattern indicator
   Audio level indicator
32 EQ (equalizer) indicator
33 FM band indicators
   FM1, FM2, FM3
34 AM band indicator
35 Tuner reception indicators
   ST (stereo), MO (monaural)
36 Play mode indicators
   📁 (folder), 💿 (disc), RND (random),
   INT (intro), RPT (repeat)
37 TRACK indicator
38 Source/clock display
39 LOUD (loudness) indicator
40 Audio level indicator
   Volume level indicator

4

Remote controller
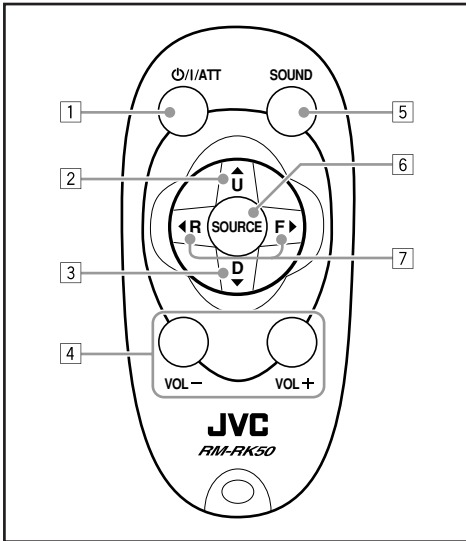
1 • Turns on the unit if pressed when the unit is turned off.
  • Turns off the unit if pressed and held until "SEE YOU" appears on the display.
  • Drops the volume level in a moment if pressed briefly.
    Press again to resume the volume.

2 • Selects the band while listening to the radio. Each time you press the button, the band changes.
  • Skips to the first file of the next folder while listening to an MP3 or a WMA disc. Each time you press the button, you can move to the next folder and start playing the first file.
  • While playing an MP3 disc on an MP3-compatible CD changer;
    – Skips to the next disc if pressed briefly.
    – Skips to the next folder if pressed and held.
  Note: *While playing a CD on a CD changer, this always skips to the next disc.*

3 • Selects the preset stations while listening to the radio.
    Each time you press the button, the preset station number increases, and the selected station is tuned in.
  • Skips to the first file of the previous folder while listening to an MP3 or a WMA disc. Each time you press the button, you can move to the previous folder and start playing the first file.
  • While playing an MP3 disc on an MP3-compatible CD changer;
    – Skips to the previous disc if pressed briefly.
    – Skips to the previous folder if pressed and held.
  Note: *While playing a CD on a CD changer, this always skips to the previous disc.*

4 Functions the same as the control dial on the main unit.
  Note: *These buttons do not function for the preferred setting mode (PSM) adjustment.*

5 Selects the sound mode (iEQ: intelligent equalizer).
  Each time you press the button, the sound mode (iEQ) changes.

6 Selects the source.
  Each time you press the button, the source changes.

7 • Searches for stations while listening to the radio.
  • Fast-forwards or reverses the track/file if pressed and held while listening to a disc.
  • Skips to the beginning of the next track/file or goes back to the beginning of the current (or previous) tracks/files if pressed briefly while listening to a disc.

Preparing the remote controller

Before using the remote controller:
• Aim the remote controller directly at the remote sensor on the main unit. Make sure there is no obstacle in between.
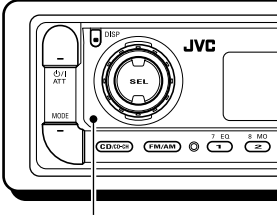
Remote sensor

• Do not expose the remote sensor to strong light (direct sunlight or artificial lighting).

Installing the battery

When the controllable range or effectiveness of the remote controller decreases, replace the battery.

1. Remove the battery holder.
   1) Push out the battery holder in the direction indicated by the arrow using a ball-point pen or a similar tool.
   2) Remove the battery holder.

(back side)
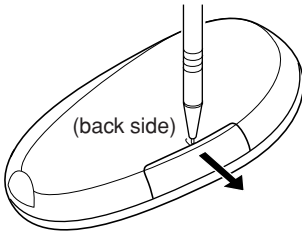
2. Place the battery.
   Slide the battery into the holder with the + side facing upwards so that the battery is fixed in the holder.

Lithium coin battery (product number: CR2025)
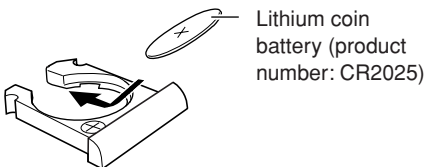
3. Return the battery holder.
   Insert again the battery holder by pushing it until you hear a clicking sound.

(back side)
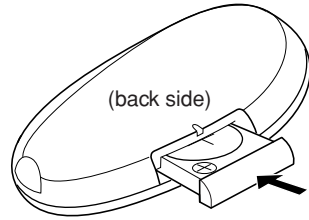
WARNING:
• *Store the battery in a place where children cannot reach.*
  If a child accidentally swallows the battery, consult a doctor immediately.
• *Do not recharge, short, disassemble, or heat the battery or dispose of it in a fire.*
  Doing any of these things may cause the battery to give off heat, crack, or start a fire.
• *Do not leave the battery with other metallic materials.*
  Doing this may cause the battery to give off heat, crack, or start a fire.
• *When throwing away or saving the battery, wrap it in tape and insulate; otherwise, the battery may start to give off heat, crack, or start a fire.*
• *Do not poke the battery with tweezers or similar tools.*
  Doing this may cause the battery to give off heat, crack, or start a fire.

CAUTION:
DO NOT leave the remote controller in a place (such as dashboards) exposed to direct sunlight for a long time. Otherwise, it may be damaged.
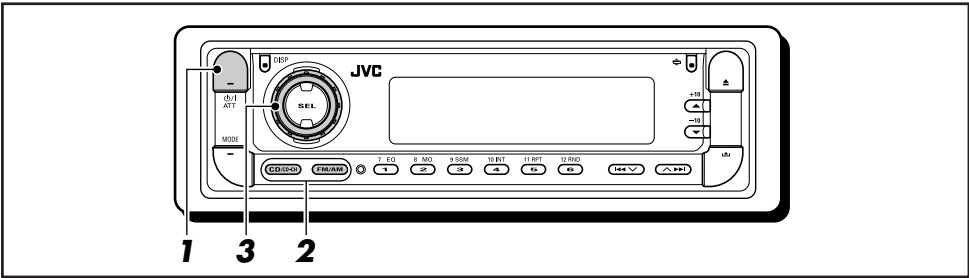
Turning on the power

1 Turn on the power.
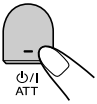
Note on One-Touch Operation:
When you select a source in step 2 below, the power automatically comes on. You do not have to press this button to turn on the power.

2 Select the source.

To operate the tuner (FM or AM),
   see pages 10 – 12.
To play a CD,
   see pages 13 – 16.
To play an MP3/WMA disc,
   see pages 18 – 22.
To operate the CD changer,
   see pages 34 – 38.
To operate the external component (LINE IN),
   see page 39.

3 Adjust the volume.
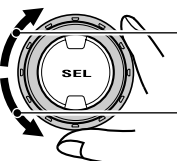
To increase the volume

To decrease the volume

Volume level appears.
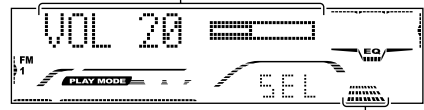
Volume level indicator

4 Adjust the sound as you want. (See pages 23 – 25.)

To drop the volume in a moment

Press ⏻/I ATT briefly while listening to any source. "ATT" starts flashing on the display, and the volume level will drop in a moment.
To resume the previous volume level, press the button briefly again.
• If you turn the control dial, you can also restore the sound.

To turn off the power

Press and hold ⏻/I ATT for more than one second.
"SEE YOU" appears, then the unit turns off.
• **If you turn off the power while listening to a disc,** disc play will start from where playback has been stopped previously, next time you turn on the power.

CAUTION on Volume Setting:
Discs produce very little noise compared with other sources. If the volume level is adjusted for the tuner, for example, the speakers may be damaged by the sudden increase in the output level. Therefore, lower the volume before playing a disc and adjust it as required during playback.
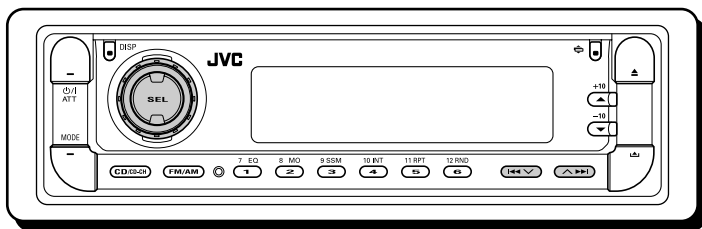
Canceling the display demonstration

When shipped from the factory, display demonstration has been activated, and starts automatically when no operations are done for about 20 seconds.
• It is recommended to cancel the display demonstration before you use the unit for the first time.

To cancel the display demonstration, follow the procedure below:

1 **Press and hold SEL (select) for more than 2 seconds so that one of the PSM items appears on the display. (PSM: see page 27.)**

2 **Select "DEMO MODE" if not shown on the display.**
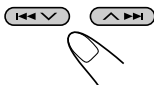
3 **Select "DEMO OFF."**

DEMO OFF ◄─► DEMO ON

4 **Finish the setting.**

To activate the display demonstration, repeat the same procedure and select "DEMO ON" in step **3**.

8
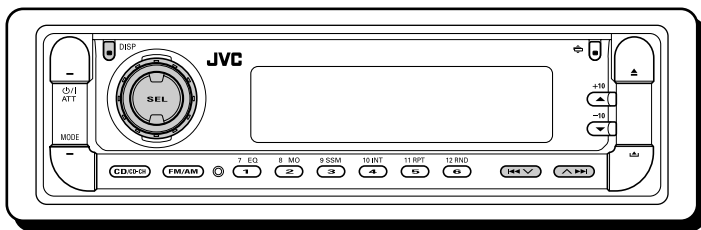
Setting the clock

1
Press and hold SEL (select) for more than 2 seconds so that one of the PSM items appears on the display. (PSM: see page 27.)

2 Set the hour.
[1] Select "CLOCK HOUR" if not shown on the display.
[2] Adjust the hour.
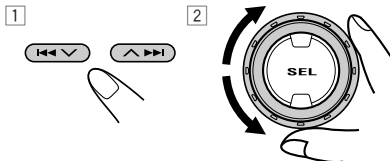
3 Set the minute.
[1] Select "CLOCK MINUTE."
[2] Adjust the minute.
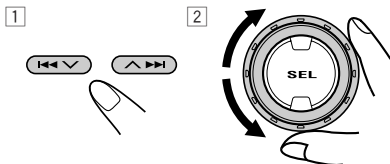
4 Finish the setting.

Note:
To show the clock time on the display, see page 28.

To check other information during play, press DISP (display).

Each time you press the button, the other information will be shown on the lower part of the display. (See page 28 for details.)
• Pressing DISP (display) with the unit turned off will show the clock time for about 5 seconds.

9
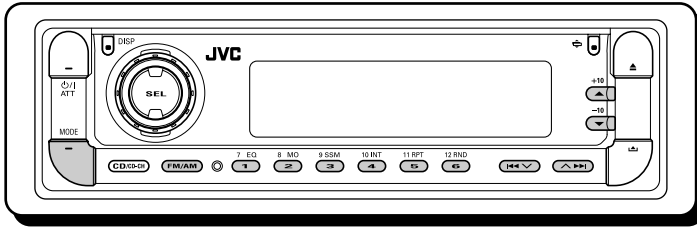
Listening to the radio

You can use either automatic searching or manual searching to tune in to a particular station.

Searching for a station automatically: Auto search

1 **Select the band (FM1 – 3, AM).**

Each time you press the button, the band changes as follows:

→ **FM 1** → **FM 2** → **FM 3** → **A M** ┐
  (F1)   **(F2)**   **(F3)**   **(A1)**

Selected band appears*.

```
88.3 MHz
FM
1
ST   PLAY MODE              F 1
```
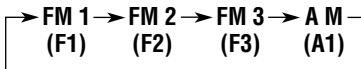
Lights up when receiving an FM stereo broadcast with sufficient signal strength.

* *When "CLOCK DISP" is set to "CLK DISP ON" (see page 28), the current indication will soon change to the clock time.*

Note:
This receiver has three FM bands (FM1, FM2, FM3). You can use any one of them to listen to an FM broadcast.

2 **Start searching for a station.**
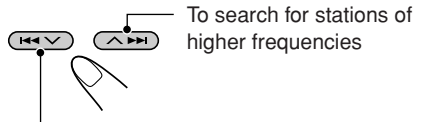
To search for stations of higher frequencies

To search for stations of lower frequencies

When a station is received, searching stops.

To stop searching before a station is received, press the same button you have pressed for searching.

Searching for a station manually: Manual search

1 **Select the band (FM1 – 3, AM).**

Each time you press the button, the band changes as follows:

→ **FM 1** → **FM 2** → **FM 3** → **A M** ┐
  (F1)   **(F2)**   **(F3)**   **(A1)**
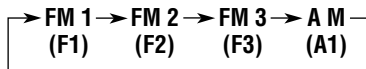
Note:
This receiver has three FM bands (FM1, FM2, FM3). You can use any one of them to listen to an FM broadcast.

2 **Press and hold ∧ ►►| or |◄◄ ∨ until "M.SEEK" (manual seek) appears on the display.**

```
>>>·M.SEEK·<<<
FM
1    PLAY MODE            EQ
```

10
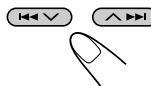
3 Tune in to a station you want while "M.SEEK" (manual seek) is still on the display.
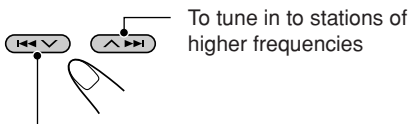
To tune in to stations of higher frequencies

To tune in to stations of lower frequencies

- If you release your finger from the button, the manual mode will automatically turns off after 5 seconds.
- If you hold down the button, the frequency keeps changing (in 50 kHz intervals for FM and 9 kHz for AM) until you release the button.

When an FM stereo broadcast is hard to receive:
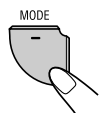
1 Press MODE to enter the functions mode while listening to an FM stereo broadcast.

2 Press MO (monaural), while "MODE" is still on the display, so that "MONO" appears on the display.
Each time you press the button, the monaural mode turns on and off alternately.

MONO
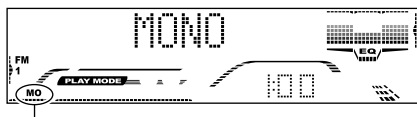
MO (monaural) indicator

When the MO indicator is lit on the display, the sound you hear becomes monaural but the reception will be improved.

Storing stations in memory

You can use one of the following two methods to store broadcasting stations in memory.
- Automatic preset of FM stations: SSM (Strong-station Sequential Memory)
- Manual preset of both FM and AM stations

FM station automatic preset: SSM

You can preset 6 local FM stations in each FM band (FM1, FM2, and FM3).

1 Select the FM band (FM1 – 3) you want to store FM stations into.

Each time you press the button, the band changes as follows:

FM 1 → FM 2 → FM 3 → A M
(F1)   (F2)   (F3)   (A1)

2 Press MODE to enter the functions mode.

3 Press and hold SSM for about 2 seconds.

>>>> SSM <<<<

"SSM" appears, then disappears when automatic preset is over.

Local FM stations with the strongest signals are searched and stored automatically in the band number you have selected (FM1, FM2, or FM3). These stations are preset in the number buttons —No.1 (lowest frequency) to No.6 (highest frequency).
When automatic preset is over, the station stored in number button 1 will be automatically tuned in.

Manual preset

You can preset up to 6 stations in each band
(FM1, FM2, FM3, and AM) manually.

Ex.: Storing FM station of 92.5 MHz into the
preset number 1 of the FM1 band.

1 **Select the band (FM1 – 3, AM) you
want to store stations into (in this
example, FM1).**

FM/AM

Each time you press the
button, the band changes as
follows:

FM 1 → FM 2 → FM 3 → A M
(F1)   (F2)   (F3)   (A1)
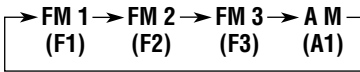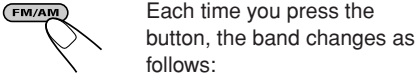
2 **Tune in to a station (in this example,
of 92.5 MHz).**

To tune in to stations of
higher frequencies

To tune in to stations of lower frequencies

92.5 MHz
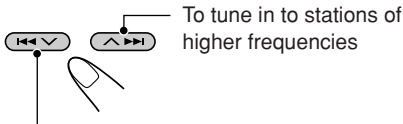
3 **Press and hold the number button
(in this example, 1) for more than
2 seconds.**

7 EQ
1

Preset number flashes for a while.

92.5 MHz P1

4 **Repeat the above procedure to store
other stations into other preset
numbers.**

Notes:
* *A previously preset station is erased when a new
  station is stored in the same preset number.*
* *Preset stations are erased when the power supply to
  the memory circuit is interrupted (for example,
  during battery replacement). If this occurs, preset
  the stations again.*

Tuning in to a preset station

You can easily tune in to a preset station.
Remember that you must store stations first. If
you have not stored them yet, see "Storing
stations in memory" on pages 11 and 12.

1 **Select the band (FM1 – 3, AM).**

FM/AM

Each time you press the
button, the band changes as
follows:

FM 1 → FM 2 → FM 3 → A M
(F1)   (F2)   (F3)   (A1)
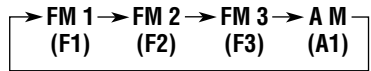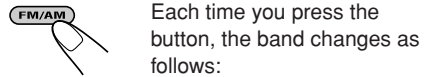
2 **Select the number (1 – 6) for the
preset station you want.**

7 EQ   8 MO   9 SSM   10 INT   11 RPT   12 RND
1   2   3   4   5   6
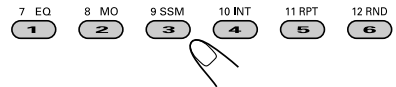
Note:
*You can also use the ▲ (up) or ▼ (down) button on
the unit to select the next or previous preset stations.
Each time you press the ▲ (up) or ▼ (down) button,
the next or previous preset station is tuned in.*
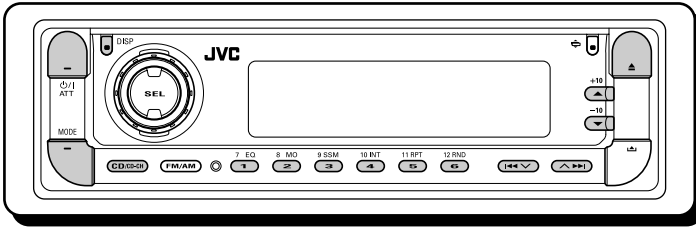
Refer to "MP3/WMA OPERATIONS" on pages 18 to 22 for operating MP3/WMA discs.

Playing a CD

1 Open the control panel.
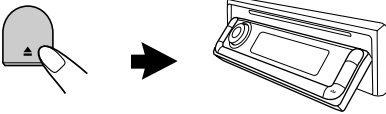
Note on One-Touch Operation:
When a CD is already in the loading slot, pressing CD/CD-CH turns on the unit and starts playback automatically.

2 Insert a CD into the loading slot.
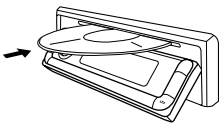
The unit draws the CD, the control panel goes back to the previous position (see page 32), and playback starts automatically.

All tracks will be played repeatedly until you stop playback.

The display changes to show the following:
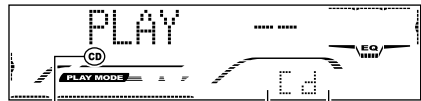
CD indicator   Current source indication*

Total playing time of the inserted disc   Total track number of the inserted disc

Elapsed playing time   Current track number

* *When "CLOCK DISP" is set to "CLK DISP ON" (see page 28), the current indication will soon change to the clock time.*

Notes:
- *When a CD is inserted upside down, the control panel moves down, the CD automatically ejects from the loading slot. The source changes to the previously selected source.*
- *If there is no CD in the loading slot, you cannot select CD as the source.*
- *If the current disc is a CD Text, disc title/performer and then track title will automatically appear.*

13

To stop play and eject the CD

Press ▲.
CD play stops and the control panel moves down. The CD automatically ejects from the loading slot.
• If you change the source or turn the power off, CD play also stops (without ejecting the CD). Next time you select "CD" as the source, CD play starts from where playback has been stopped previously.

To return the control panel to its previous position, press ▲ again.
• If you keep the loading slot fully open for 1 minute, (beeps sound when the "BEEP SWITCH" is set to "BEEP ON"—see page 29) the control panel automatically returns to its previous position.
Be careful not to get the disc or your finger caught in between the control panel and the unit.

Notes:
• *If the ejected disc is not removed for about 15 seconds, the disc is automatically inserted again into the loading slot to protect it from dust. (Disc play will not start this time.)*
• *You can eject the disc even when the unit is turned off.*

Locating a track or a particular portion on a CD

To fast-forward or reverse the track
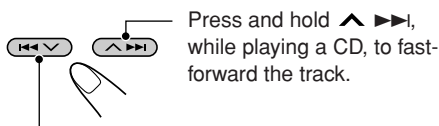
Press and hold ∧ ►►I, while playing a CD, to fast-forward the track.

Press and hold I◄◄ ∨, while playing a CD, to reverse the track.

To go to the next or previous tracks
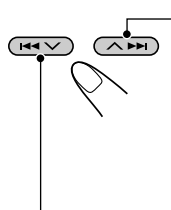
Press ∧ ►►I briefly, while playing a CD, to go ahead to the beginning of the next track. Each time you press the button consecutively, the beginning of the next tracks is located and played back.

Press I◄◄ ∨ briefly, while playing a CD, to go back to the beginning of the current track. Each time you press the button consecutively, the beginning of the previous tracks is located and played back.

To go to a particular track directly

Press the number button corresponding to the track number to start its playback.
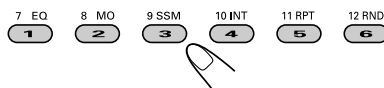
• To select a track number from 1 – 6: Press 1 (7) – 6 (12) briefly.
• To select a track number from 7 – 12: Press and hold 1 (7) – 6 (12) for more than one second.

To go to a track quickly (+10 and –10 buttons)

1 Press MODE to enter the functions mode while playing a CD.
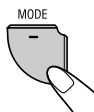
2 Press +10 or –10.
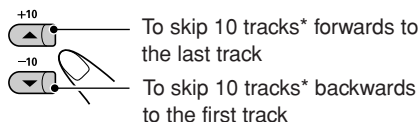
To skip 10 tracks* forwards to the last track

To skip 10 tracks* backwards to the first track

* First time you press +10 or –10 button, the track skips to the nearest higher or lower track with a track number of multiple ten (ex. 10th, 20th, 30th).
Then each time you press the button, you can skip 10 tracks (see "How to use the +10 and –10 buttons" on page 15).
• After the last track, the first track will be selected, and vice versa.

How to use the +10 and –10 buttons

• Ex. 1: To select track number 32 while playing track number 6

MODE

+10
▲

∧ ▶▶I

(Three times)   (Twice)

Track 6   ➡ 10 ➡ 20 ➡ 30   ➡ 31 ➡ 32
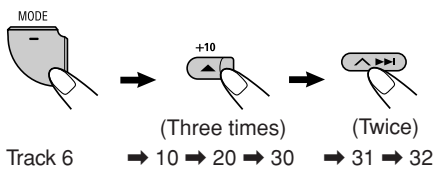
• Ex. 2: To select track number 8 while playing track number 36

MODE

−10
▼

I◀◀ ∨

(Three times)   (Twice)

Track 36   ➡ 30 ➡ 20 ➡ 10   ➡ 9 ➡ 8

Selecting CD playback modes

To play back tracks at random (Disc Random Play)

You can play back all tracks on the CD at random.

MODE

1 Press MODE to enter the functions mode while playing a CD.

12 RND
6

2 Press RND (random), while "MODE" is still on the display, so that "DISC RND" appears on the display.
Each time you press the button, disc random play mode turns on and off alternately.

```
DISC RND
        CD
  PLAY MODE    RND          I□□
```

🔵 (disc) and RND indicators

When disc random play is turned on, the 🔵 and RND indicators light up on the display. A track randomly selected starts playing.

To play back tracks repeatedly (Track Repeat Play)

You can play back the current track repeatedly.

MODE

1 Press MODE to enter the functions mode while playing a CD.

11 RPT
5
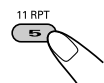
2 Press RPT (repeat), while "MODE" is still on the display, so that "TRK RPT" appears on the display.
Each time you press the button, track repeat play mode turns on and off alternately.

```
TRK RPT
        CD
  PLAY MODE    RPT          I□□
```

RPT indicator

When track repeat play is turned on, the RPT indicator lights up on the display. The current track starts playing repeatedly.

To play back only intros (Track Intro Scan)

You can play back the first 15 seconds of each track sequentially.
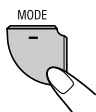
MODE

1 Press MODE to enter the functions mode while playing a CD.

10 INT
4
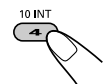
2 Press INT (intro), while "MODE" is still on the display, so that "TRK INT" appears on the display.
Each time you press the button, track intro scan mode turns on and off alternately.

```
TRK INT
        CD
  PLAY MODE    INT          I□□
```

INT indicator

When track intro scan is turned on, the INT indicator lights up on the display. The first 15 seconds of each track is played sequentially.

Playing a CD Text

In a CD Text, some information about the disc (its disc title, performer, and track title) is recorded. This CD Text information will be shown automatically when you play a CD Text.

To change the CD Text information manually, select text display mode while playing a CD Text.

Press DISP (display) repeatedly. Each time you press the button, the display changes as follows:

Disc title / performer
↓
Track title
(🎵 lights up on the display)
↓
Elapsed playing time and Current track number
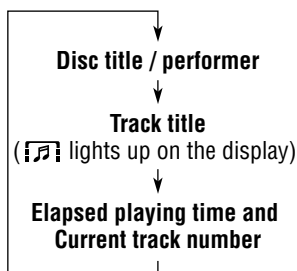
Notes:
- *The display shows up to 12 characters at one time and scrolls if there are more than 12 characters. See also "To select the scroll mode—SCROLL MODE" on page 29.*
  Some characters or symbols will not be shown (will be blanked or substituted) on the display.
- *If no name is assigned to the CD, "NO NAME" will appear. To assign a name to an audio CD, see page 31.*
- *If no disc title/performer or no track title is recorded for the CD Text, "NO NAME" will appear.*
- *When track title is shown, TRACK indicator and current track number also appear on the lower part of the display.*

Prohibiting disc ejection

You can prohibit disc ejection and can lock a disc in the loading slot.

While pressing CD/CD-CH, press and hold ⏻/I ATT for more than 2 seconds.
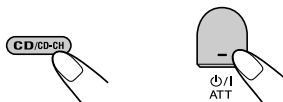
"NO EJECT" flashes on the display for about 5 seconds, and the disc is locked and cannot be ejected.
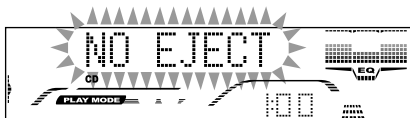
To cancel the prohibition and unlock the disc

While pressing CD/CD-CH, press and hold ⏻/I ATT again for more than 2 seconds. "EJECT OK" flashes on the display for about 5 seconds, and the disc is unlocked.

MP3/WMA INTRODUCTION
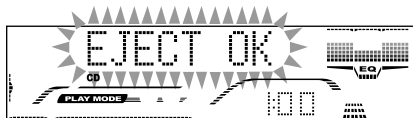
What are MP3/WMA?

MP3 is an abbreviation of Motion Picture Experts Group (or MPEG) Audio Layer 3. MP3 is simply a file format with a data compression ratio of 1:10 (128 Kbps*).

WMA (Windows Media® Audio) is the digital audio compression format developed by Microsoft Corporation.

* *Bit rate is the average number of bits that one second of audio data will consume. The unit used is Kbps. To get a better audio quality, choose a higher bit rate. The most popular bit rate for encoding is 128 Kbps.*

• **For details information about the MP3/WMA discs, refer to "A Guide to MP3/WMA" (separate volume).**

Compatible with ID3 Tag

Extra information data such as album title, performer name, song title, recording year, music genre and a brief comment can be stored within an MP3/WMA file.

This unit can show both ID3v1 (Version 1) and ID3v2 (Version 2) tags on the display. (See page 19.)
• Some characters cannot be shown correctly.
• If both ID3v1 and ID3v2 are recorded on a disc, ID3v2 information will be shown.

How are MP3/WMA files recorded and played back?

MP3/WMA "**files (tracks)**" can be recorded in "**folders**" —in PC terminology.
During recording, the files and folders can be arranged in a way similar to arranging files and folders of computer data.
"**Root**" is similar to the root of a tree. Every file and folder can be linked to and be accessed from the root.

The illustration below shows an example of how MP3/WMA files are recorded on a CD-R or CD-RW, how they are played back, and how they are searched for on this unit.

Notes:
• *This unit cannot read or play an MP3 file without the extension code <.mp3> and a WMA track without the extension code <.wma>.*
• *This unit is not compatible with MP3 files encoded with Layer 1 and Layer 2 formats.*
• *This unit is not compatible with WMA files which are not based upon Windows Media® Audio.*
• *This unit is not compatible with Playlist**.*

** *A playlist is a simple text file, used on a PC, which enables users to make their own playback order without physically rearranging the files.*
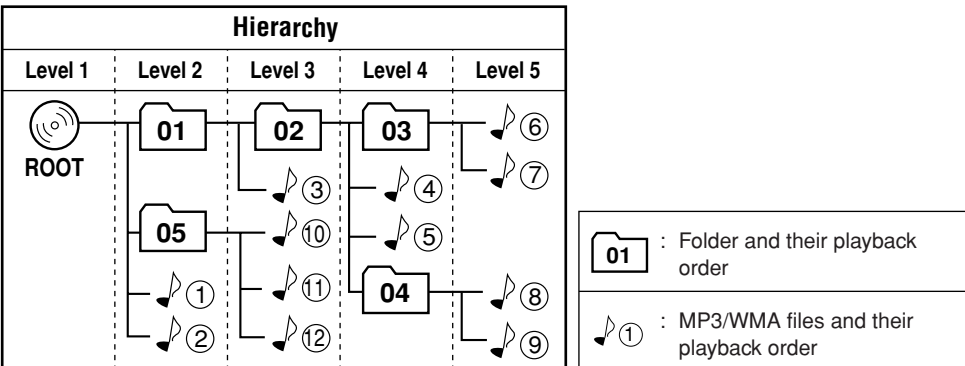
• *Microsoft and Windows Media are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries.*

MP3/WMA OPERATIONS
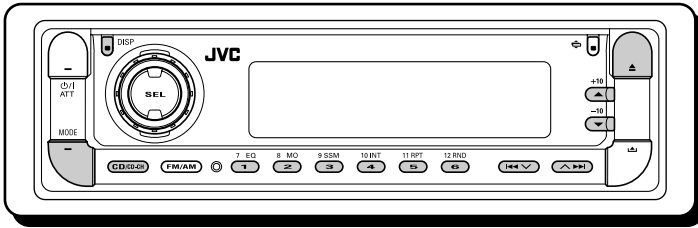
Refer also to "CD OPERATIONS" on pages 13 to 16.

Playing a disc

1 Open the control panel.
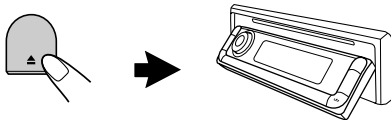
Note on One-Touch Operation:
When a disc is already in the loading slot, pressing CD/CD-CH turns on the unit and starts playback automatically.

2 Insert a disc into the loading slot.
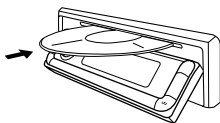
The unit draws the disc, the control panel goes back to the previous position (see page 32), and playback starts automatically.

All files will be played repeatedly until you stop playback.

The display changes to show the following:
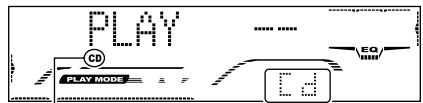
CD indicator   Current source indication*[1]

Total folder number   Total file number

MP3 or WMA indicator*[2]

Ex.: When the disc contains 19 folders and 144 MP3/WMA files

*[1] *When "CLOCK DISP" is set to "CLK DISP ON" (see page 28), the current indication will soon change to the clock time.*
*[2] *WMA or MP3 indicator lights up depending on the first detected file.*

Notes:
- *MP3/WMA discs require a longer readout time. (It differs due to the complexity of the folder/file configuration.)*
- *When playback starts, folder and file names (or ID3 tags) will automatically appear. (See also page 19.)*
- *If you change the source or turn the power off, disc playback stops (without ejecting the disc). Next time you select the CD player as the source or turn the power on, disc play starts from where playback has been stopped previously.*

To stop play and eject the disc

Press ⏏.
Playback stops and the control panel moves down. The disc automatically ejects from the loading slot.

To change the display information

While playing back an MP3/WMA file, you can change the disc information shown on the display.

DISP — Press DISP (display) repeatedly. Each time you press the button, the display changes to show the following:

• **When "TAG DISPLAY" is set to "TAG DISP ON" (initial setting: see page 30)**

**Album name / performer
(folder name*)**
(📁 lights up on the display)
↓
Track title (file name*)
(🎵 lights up on the display)
↓
**Elapsed playing time and
Current file number**
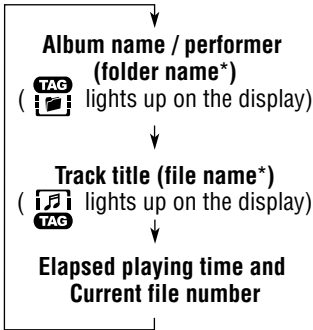
* *If ID3 tags are not recorded, folder name and file name appear. In this case, the TAG indicator will not light up on the display.*

• **When "TAG DISPLAY" is set to "TAG DISP OFF"**

Folder name
(📁 lights up on the display)
↓
File name
(🎵 lights up on the display)
↓
**Elapsed playing time and
Current file number**
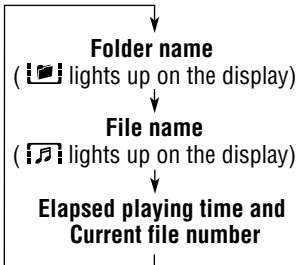
Notes:
• *The display shows up to 12 characters at a time and scrolls if there are more than 12 characters. See also "To select the scroll mode—SCROLL MODE" on page 29.*
• *When file name is shown, TRACK indicator and current file number also appear on the lower part of the display.*

Locating a file or a particular portion on a disc

To fast-forward or reverse the file
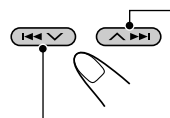
Press and hold ⋀ ▶▶ while playing a disc, to fast-forward the file.

Press and hold ◀◀ ⋁ while playing a disc, to reverse the file.

Note:
During this operation, you can only hear intermittent sounds. (The elapsed playing time also changes intermittently on the display.)

To skip to the next or previous files
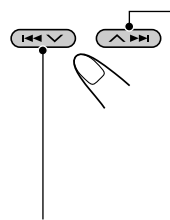
Press ⋀ ▶▶ briefly while playing, to skip ahead to the beginning of the next file. Each time you press the button consecutively, the beginning of the next files is located and played back.

Press ◀◀ ⋁ briefly while playing, to skip back to the beginning of the current file.
Each time you press the button consecutively, the beginning of the previous files is located and played back.

To go to a particular file quickly within the current folder (+10 and –10 buttons)

1 Press MODE to enter the functions mode while playing a disc.

MODE
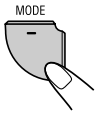
2 Press +10 or –10.

+10
To skip 10 files* forwards to the last file

–10
To skip 10 files* backwards to the first file

* First time you press +10 or –10 button, the file skips to the nearest higher or lower file with a file number of multiple ten (ex. 10th, 20th, 30th).
Then each time you press the button, you can skip 10 files (see "How to use the +10 and –10 buttons" below).
• After the last file, the first file will be selected, and vice versa.

How to use the +10 and –10 buttons

• Ex. 1: To select file number 32 while playing file number 6

MODE ➡ +10 (Three times) ➡ ∧ ►►I (Twice)
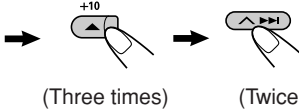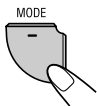
File 6   ➡ 10 ➡ 20 ➡ 30   ➡ 31 ➡ 32

• Ex. 2 : To select file number 8 while playing file number 36

MODE ➡ –10 (Three times) ➡ I◄◄ ∨ (Twice)
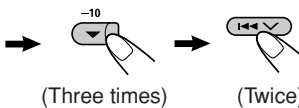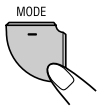
File 36   ➡ 30 ➡ 20 ➡ 10   ➡ 9 ➡ 8

To go to a particular folder directly

IMPORTANT:
To directly select the folders using the number button(s), it is required that folders are assigned 2 digit numbers at the beginning of their folder names. (This can only be done during the recording of CD-Rs or CD-RWs.)
Ex.: If folder name is "01 ABC"
→ Press 1 to go to Folder 01 ABC.
If folder name is "1 ABC," pressing 1 does not work.
If folder name is "12 ABC"
→ Press and hold 6 (12) to go to Folder 12 ABC.

Press the number button corresponding to the folder number to start playing the first file in the selected folder.

7 EQ   8 MO   9 SSM   10 INT   11 RPT   12 RND
(1)   (2)   (3)   (4)   (5)   (6)
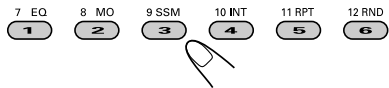
• To select a folder number from 01 – 06:
Press 1 (7) – 6 (12) briefly.
• To select a folder number from 07 – 12:
Press and hold 1 (7) – 6 (12) for more than one second.

Notes:
• *If* 📁 *indicator flashes on the display after you have selected a folder, it means that the folder does not contain any MP3/WMA files.*
• *You cannot directly select a folder with a number greater than 12.*

To select a particular file in a folder, press ∧ ►►I or I◄◄ ∨ after selecting the folder.

To skip to the next or previous folder
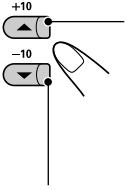
Press ▲ (up) while playing a disc to skip to the next folder.
Each time you press the button consecutively, the next folder is located (and the first file in the folder starts playing, if recorded).

Press ▼ (down) while playing a disc to skip back to the previous folder.
Each time you press the button consecutively, the previous folder is located (and the first file in the folder starts playing, if recorded).

Note:
If the folder does not contain any MP3/WMA files, it is skipped.

Selecting the playback modes

To play back files at random (Folder Random/Disc Random Play)

You can play back all files of the current folder or all files on the disc at random.
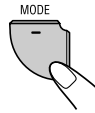
1 Press MODE to enter the functions mode while playing a disc.

2 Press RND (random), while "MODE" is still on the display, so that "FLDR RND" or "DISC RND" appears on the display. Each time you press the button, the random play mode changes as follows:

→ **FLDR RND → DISC RND** →
Canceled ←
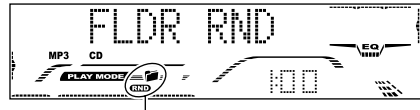
FLDR RND

☐ (folder) and RND indicators

Ex.: When you select "FLDR RND" while listening to an MP3 file

Mode	Active indicator	Plays at random
FLDR RND	☐ and RND indicators light up.	All files of the current folder, then files of the next folder and so on.
DISC RND	⬤ and RND indicators light up.	All files on the disc.

21

MP3 WMA

To play back files repeatedly (Track Repeat/Folder Repeat Play)

You can play back the current file or all the files in the current folder repeatedly.

MODE

1 Press MODE to enter the functions mode while playing a disc.

11 RPT 5

2 Press RPT (repeat), while "MODE" is still on the display, so that "TRK RPT" or "FLDR RPT" appears on the display.
Each time you press the button, the repeat play mode changes as follows:

→ **TRK RPT** → **FLDR RPT** →
← **Canceled** ←

TRK RPT

MP3 CD
PLAY MODE
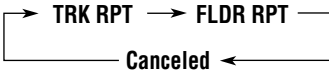
RPT indicator

Ex.: When you select "TRK RPT" while listening to an MP3 file

Mode	Active indicator	Plays repeatedly
TRK RPT	RPT indicator lights up.	The current (or specified) file.
FLDR RPT	▰ and RPT indicators light up.	All files of the current (or specified) folder.

To play back only intros (Track Intro Scan/Folder Intro Scan)

You can play back the first 15 seconds of each file sequentially.

MODE

1 Press MODE to enter the functions mode while playing a disc.

10 INT 4

2 Press INT (intro), while "MODE" is still on the display, so that "TRK INT" or "FLDR INT" appears on the display.
Each time you press the button, the intro scan mode changes as follows:

→ **TRK INT** → **FLDR INT** →
← **Canceled** ←

TRK INT

MP3 CD
PLAY MODE

INT indicator

Ex.: When you select "TRK INT" while listening to an MP3 file

Mode	Active indicator	Plays the beginnings (15 seconds) of
TRK INT	INT indicator lights up.	All files on the current disc.
FLDR INT	▰ and INT indicators lights up.	The first file of every folder of the current disc.

Adjusting the sound

You can adjust the sound characteristics to your preference.

1 Select the item you want to adjust.

Each time you press the button, the adjustable items change as follows:

$$\text{FAD} \rightarrow \text{BAL} \rightarrow \text{LOUD} \rightarrow \text{WOOFER} \rightarrow \text{VOL} \rightarrow$$

FAD (fader) → BAL (balance) → LOUD (loudness) → WOOFER (subwoofer) → VOL (volume) →

Indication	To do:	Range
FAD*1	Adjust the front and rear speaker balance.	R06 (Rear only) | F06 (Front only)
BAL	Adjust the left and right speaker balance.	L06 (Left only) | R06 (Right only)
LOUD	Boost low and high frequencies to produce a well-balanced sound at low volume level.	LOUD ON | LOUD OFF
WOOFER*2	Adjust the subwoofer output level.	00 (min.) | 08 (max.)
VOL*3	Adjust the volume.	00 (min.) | 30 or 50 (max.)*4

*1 *If you are using a two-speaker system, set the fader level to "00."*
*2 *This takes effect only when a subwoofer is connected.*
*3 *Normally the control dial works as the volume control. So you do not have to select "VOL" to adjust the volume level.*
*4 *Depending on the amplifier gain control setting. (See page 30 for details.)*

2 Adjust the setting.

To increase the level or turn on the loudness

To decrease the level or turn off the loudness

Indication pattern changes as you adjust the fader or balance.

FM 1   FAD F05
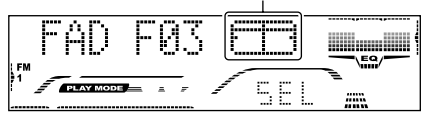
Ex. 1: When you adjust "FAD" (fader)

LOUD indicator

FM 1   LOUD ON

Ex. 2: When you turn on the loudness

3 Repeat steps 1 and 2 to adjust the other items.

Selecting preset sound modes (iEQ: intelligent equalizer)

You can select a preset sound mode (iEQ: intelligent equalizer) suitable to the music genre.

• There is a time limit in doing the following procedure. If the setting is canceled before you finish, start from step **1** again.

1 Press MODE to enter the functions mode.

MODE

2 Press EQ (equalizer) while "MODE" is still on the display.

7 EQ
1

The last selected sound mode is called up.

3 Select the sound mode you want.

SEL

As you turn the control dial, the sound modes change as follows:

FLAT ⇄ HARD ROCK ⇄ R&B ⇄
POP ⇄ JAZZ ⇄ DANCE MUSIC ⇄
COUNTRY ⇄ REGGAE ⇄ CLASSIC ⇄
USER 1 ⇄ USER 2 ⇄ USER 3 ⇄
(back to the beginning)

Indication pattern changes for each sound mode.

FM
HARD ROCK
PLAY MODE

Ex.: When you select "HARD ROCK"

To cancel the preset sound mode, select "FLAT" in step **3**.

Notes:
• *You can adjust the preset sound modes temporarily. However, your temporary adjustments will be reset when you select another sound mode.*
• *For details about the preset settings of each sound mode, see table on page 40.*
• *For showing the iEQ pattern on the display during play, select "EQ & LEVEL" or "SILENT" for the level meter. See also page 28.*

When using the remote controller:
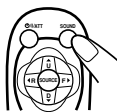
Press SOUND repeatedly. Each time you press the button, the sound modes change as follows:

FLAT

↓

HARD ROCK

↓

R&B

↓

POP

↓

JAZZ

↓

DANCE MUSIC

↓

COUNTRY

↓

REGGAE

↓

CLASSIC

↓
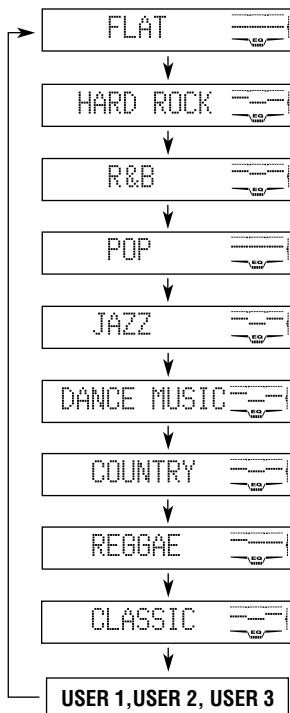
USER 1,USER 2, USER 3

Storing your own sound adjustments

You can adjust the sound modes to your preference and store your own adjustments in memory (USER 1, USER 2 and USER 3).

• There is a time limit in doing the following procedure. If the setting is canceled before you finish, start from step *1* again.

1 Press MODE to enter the functions mode.
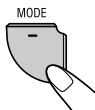
2 Press EQ (equalizer) while "MODE" is still on the display.

The last selected sound mode is called up.

3 Select the sound mode you want to adjust.

JAZZ

Ex.: When you select "JAZZ"

4 Select sound elements to adjust.

Each time you press the button, the sound elements change as follows:

LOW LEVEL* → LOW FREQ → LOW WIDTH
→ MID LEVEL* → MID WIDTH
→ HI (high) LEVEL* → HI (high) FREQ
→ (back to the beginning)

FREQ (LOW, HI):
  Select the center frequency to adjust.
WIDTH (LOW, MID):
  Select the band width level.
LEVEL (LOW, MID, HI):
  Adjust the enhancement level.

* By pressing ∧ ►►I or I◄◄ ∨, you can directly move as follows:

→ LOW LEVEL → MID LEVEL
  HI LEVEL ←

5 Adjust the selected sound element.

Indication	Preset values		
	LOW	MID	HI
LEVEL	−06 (min.) | +06 (max.)	−06 (min.) | +06 (max.)	−06 (min.) | +06 (max.)
FREQ.	60Hz 80Hz 100Hz 120Hz	———	8kHz 10kHz 12kHz 15kHz
WIDTH	1 (min.) | 4 (max.)	1 (min.) | 2 (max.)	———

6 Repeat steps *4* and *5* to adjust the other sound elements.

7 Select one of the user sound modes (USER 1, USER 2, USER 3).

8 Press EQ to store the adjustments.

"MEMORY" appears for a while.

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OTHER MAIN FUNCTIONS

Changing the general settings (PSM)

You can change the items listed in the table on page 27 by using the PSM (Preferred Setting Mode) control.

Basic Procedure

1 **Press and hold SEL (select) for more than 2 seconds so that one of the PSM items appears on the display. (See page 27.)**

2 **Select the PSM item you want to adjust.**
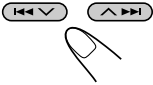
Ex.: When you select "DIMMER MODE"

3 **Adjust the PSM item selected.**
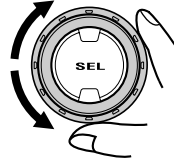
4 **Repeat steps *2* and *3* to adjust the other PSM items if necessary.**

5 **Finish the setting.**

Preferred Setting Mode (PSM) items

• For detailed operations of each PSM items, refer to the pages listed in the table.

Indications		Selectable values/items		Factory-preset settings	See page
DEMO MODE	Display demonstration	DEMO OFF	DEMO ON	DEMO ON	8
CLOCK HOUR	Hour adjustment	1 — 12		1 (1:00)	9
CLOCK MINUTE	Minute adjustment	00 — 59		00 (1:00)	
CLOCK DISP	Clock display	CLK DISP OFF	CLK DISP ON	CLK DISP ON	28
LEVELMETER	Level meter	LEVEL 1 ↔ LEVEL 2 ↕ ↕ SILENT ↔ EQ & LEVEL		LEVEL 1	28
DIMMER MODE	Dimmer mode	DIMMER AUTO ↔ DIMMER OFF ↳ DIMMER ON ↵		DIMMER AUTO	28
TELEPHONE	Telephone muting	MUTING OFF ↔ MUTING 1 ↳ MUTING 2 ↵		MUTING OFF	29
BEEP SWITCH	Key-touch tone	BEEP OFF	BEEP ON	BEEP ON	29
CONTRAST	Display contrast	01 – 10		05	29
SCROLL MODE	Scroll mode	SCROLL ONCE ↔ SCROLL AUTO ↳ SCROLL OFF ↵		SCROLL ONCE	29
WOOFER FREQ	Subwoofer cutoff frequency	FREQ MID ↔ FREQ HIGH ↳ FREQ LOW ↵		FREQ MID	29
EXTERNAL IN[1]	External component	CHANGER	LINE IN	CHANGER	30
TAG DISPLAY	Tag display	TAG DISP OFF	TAG DISP ON	TAG DISP ON	30
AMP. GAIN[2]	Amplifier gain control	LOW POWER	HIGH POWER	HIGH POWER	30
SLOT LIGHT	Slot light	OFF	ON	ON	30

[1] *Displayed only when one of the following sources is selected—FM, AM, and CD.*
[2] *Depending on the amplifier gain control setting. (See page 30 for details.)*

To set the clock display—CLOCK DISP

You can set the clock to be shown on the lower part of the display when the unit is turned on. When shipped from the factory, the clock is set to be shown on the display.

• CLK DISP ON: Clock display is turned on.
• CLK DISP OFF: Clock display is turned off.
                          When "CLK DISP OFF" is
                          selected, the current source
                          name, station band, folder
                          number, or disc number
                          appears instead of the clock
                          display (except when "LINE
                          IN" is selected as the source).

When "CLOCK DISP" is set to "CLK DISP OFF":

Source	Initial indication	Pressing DISP (display)
Tuner	Band	Clock appears for about 5 seconds.
CD or CD-CH	CD, folder number, or disc number	

When "CLOCK DISP" is set to "CLK DISP ON":

Source	Initial indication	Pressing DISP (display) repeatedly
Tuner	Clock	Station frequency or band number appears for about 5 seconds.
CD	Clock	CD, or track/file/folder number appears for about 5 seconds.
CD-CH	Clock	Disc number, or track/file/folder number appears for about 5 seconds.

To select the level meter—LEVELMETER

You can select the level meter display according to your preference.
When shipped from the factory, this mode is set to "LEVEL 1."

• LEVEL 1/LEVEL 2: Display the audio level
                              meter with different
                              illumination pattern.
• EQ & LEVEL: Display the equalizer
                              pattern and audio level
                              meter.
• SILENT: Display the equalizer
                              pattern and volume level
                              meter.

To select the dimmer mode —DIMMER MODE

When you turn on the car headlights, the display automatically dims (Auto Dimmer).
When shipped from the factory, Auto Dimmer mode is activated.

• DIMMER AUTO: Activates Auto Dimmer.
• DIMMER OFF: Cancels Auto Dimmer.
• DIMMER ON: Always dims the display.

Note:
Auto Dimmer equipped with this unit may not work correctly on some vehicles, particularly on those having a control dial for dimming.
In this case, set the dimmer mode to "DIMMER ON" or "DIMMER OFF."

To select the telephone muting
—TELEPHONE

This mode is used when a cellular phone system is connected. Depending on the phone system used, select either "MUTING 1" or "MUTING 2," whichever mutes the sounds from this unit.
When shipped from the factory, this mode is deactivated.

- MUTING 1:   Selects this if this setting can mute the sounds.
- MUTING 2:   Selects this if this setting can mute the sounds.
- MUTING OFF: Cancels the telephone muting.

Note:
With the CD or CD changer selected as the source, playback pauses during telephone muting.

To turn the key-touch tone on or off
—BEEP SWITCH

You can deactivate the key-touch tone if you do not want it to beep each time you press a button.
When shipped from the factory, the key-touch tone is activated.

- BEEP ON: Activates the key-touch tone.
- BEEP OFF: Deactivates the key-touch tone.

To adjust the display contrast level
—CONTRAST

Adjust the display contrast (01 – 10) to make the display indications clear and legible.
When shipped from the factory, the display contrast level is set at level 05.

To select the scroll mode—SCROLL MODE

You can select the scroll mode for the disc information (when the entire text cannot be shown at a time).
When shipped from the factory, scroll mode is set to "SCROLL ONCE."

- SCROLL ONCE: Scrolls only once.
- SCROLL AUTO: Repeats the scroll (5-second intervals in between).
- SCROLL OFF: Cancels scroll mode.

Note:
Even if the scroll mode is set to "SCROLL OFF," you can scroll the display by pressing DISP (display) for more than 1 second.

To select the subwoofer cutoff frequency
—WOOFER FREQ

When a subwoofer is connected to this unit, select an appropriate cutoff frequency level for your subwoofer.
When shipped from the factory, the subwoofer cutoff frequency is set to "FREQ MID."

- FREQ LOW: Frequencies higher than 50 Hz are cut off to the subwoofer.
- FREQ MID: Frequencies higher than 80 Hz are cut off to the subwoofer.
- FREQ HIGH: Frequencies higher than 120 Hz are cut off to the subwoofer.

To select the external component to use —EXTERNAL IN

You can connect the external component to the CD changer jack on the rear using the Line Input Adapter KS-U57 (not supplied).
To use the external component as the playback source through this unit, you need to select which component—CD changer or external component—to use.
When shipped from the factory, CD changer is selected as the external component.

• CHANGER: To use the CD changer.
• LINE IN: To use the external component other than CD changer.

Note:
For connecting the Line Input Adapter KS-U57 and the external component, refer to the Installation/ Connection Manual (separate volume).

To turn the tag display on or off —TAG DISPLAY

An MP3/WMA file can contain file information called "ID3 Tag" where its album name, performer, track title, etc. are recorded.
There are two versions–ID3v1 (ID3 Tag version 1) and ID3v2 (ID3 Tag version 2). If both ID3v1 and ID3v2 are recorded on a disc, ID3v2 information will be shown.
When shipped from the factory, "TAG DISP ON" is selected.

• TAG DISP ON: Turns on the ID3 tag display while playing MP3/WMA files.
  • If an MP3/WMA file does not have ID3 tags, folder name and file name appear.

  ### Note:
  If you change the setting from "TAG DISP OFF" to "TAG DISP ON" while playing an MP3/WMA file, the tag display will be activated when the next file starts playing.

• TAG DISP OFF: Turns off the ID3 tag display while playing MP3/WMA files. (Only the folder name and file name can be shown.)

To select the amplifier gain control —AMP.GAIN

You can change the maximum volume level of this unit. When the maximum power of the speakers is less than 50 W, select "LOW POWER" to prevent them from being damaged. When shipped from the factory, "HIGH POWER" is selected.

• LOW POWER: You can adjust the volume level from "VOL 00" to "VOL 30."

  ### Note:
  If you change the setting from "HIGH POWER" to "LOW POWER" while listening at a volume level more than 30, the unit automatically changes the volume level to "VOL 30."

• HIGH POWER: You can adjust the volume level from "VOL 00" to "VOL 50."

To turn the slot light on or off —SLOT LIGHT

You can turn off the slot light if you do not want the illumination each time you insert/eject the disc or when you change the control panel angle. When shipped from the factory, slot light is activated.

• ON: Activates the illumination.
• OFF: Deactivates the illumination.

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Assigning names to the sources

You can assign names to station frequencies and CDs (both in this unit and in the CD changer). After assigning a name, it will appears on the display when you select the source.

Sources	Maximum number of characters
Station frequencies	Up to 9 characters (up to 30 station frequencies including both FM and AM)
CDs*	Up to 32 characters (up to 40 discs)

* *You cannot assign a name to a CD Text or an MP3/WMA disc.*

1 Select a source you want to assign a name to.

CD/CD-CH   FM/AM

When you select a source, the power automatically comes on.

2 While pressing DISP (display), press and hold SEL (select) for more than 2 seconds.

DISP   SEL
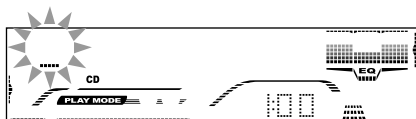
Ex.: When you select CD as the source

3 Select the character set you want while the first character position is flashing.

DISP   Each time you press the button, the character set changes as follows:

(A – Z: capital) → (a – z: small)
(0 – 9: numbers, and symbols)
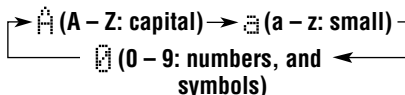
4 Select a character.

SEL   • About the available characters, see page 40.

5 Move the cursor to the next (or previous) character position.

6 Repeat steps 3 to 5 until you finish entering the name.

7 Finish the procedure while the last selected character is flashing.

SEL

To erase the input characters

To erase all the characters at a time, press and hold DISP (display) for more than 1 second as described in the procedure above.

Notes:
• *When you try to assign a name to a 41st disc or to a 31st station frequency, "NAME FULL" appears and you cannot enter the text entry mode. In this case, delete unwanted names before assignment.*
• *When the CD changer is connected, you can assign names to CDs in the CD changer. These names can also be shown on the display if you insert the CDs in this unit.*

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Changing the control panel angle

You can change the angle of the control panel in four positions.

Press ⇔ (angle) repeatedly to adjust the angle of the control panel to the position you want.

CAUTION:
NEVER insert your finger in between the control panel and the unit, as it may get caught or hurt.
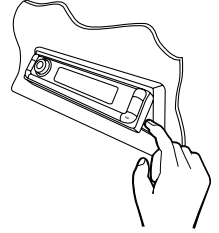
The control panel angles changes as follows:

ANGLE 01

ANGLE 02

ANGLE 04

ANGLE 03
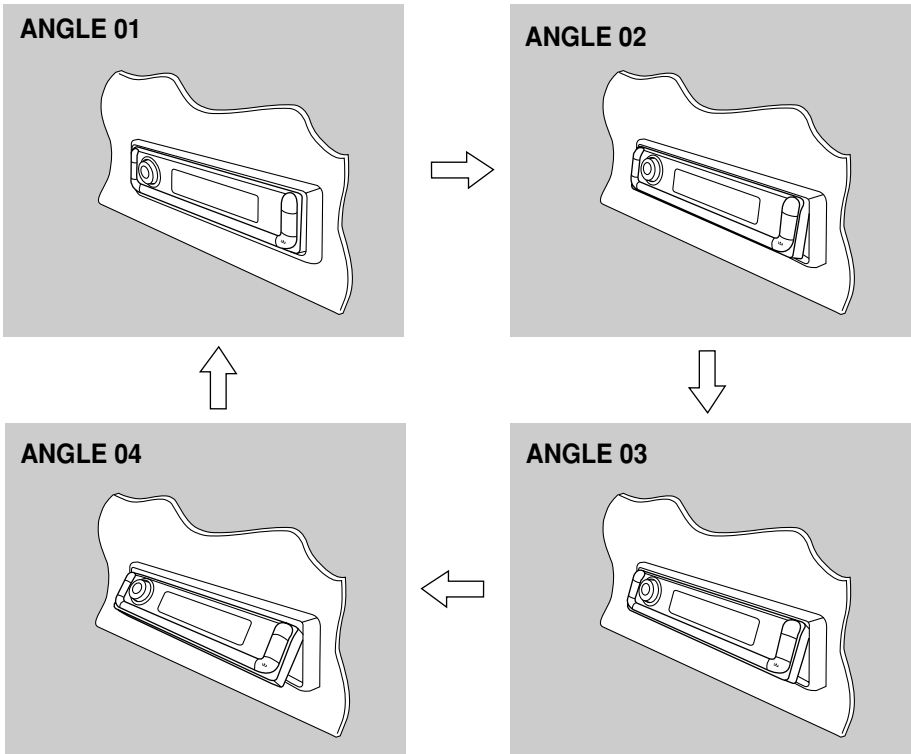
Note:
If you turn the power off, the control panel automatically returns to the closed position. Next time you turn on the power, the control panel moves to its previous position.

Detaching the control panel

You can detach the control panel when leaving the car.
When detaching or attaching the control panel, be careful not to damage the connectors on the back of the control panel and on the panel holder.

Detaching the control panel

Before detaching the control panel, be sure to turn off the power.

1 **Unlock the control panel.**
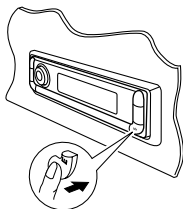
2 **Lift and pull the control panel out of the unit.**
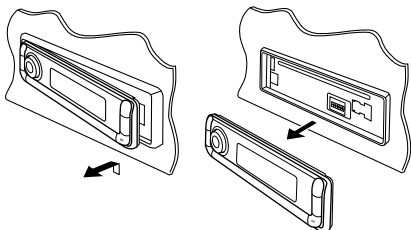
3 **Put the detached control panel into the provided case.**
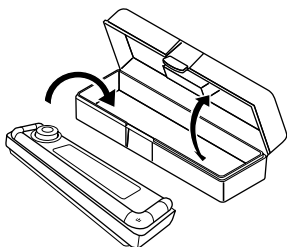
Attaching the control panel

1 **Insert the left side of the control panel into the groove on the panel holder.**
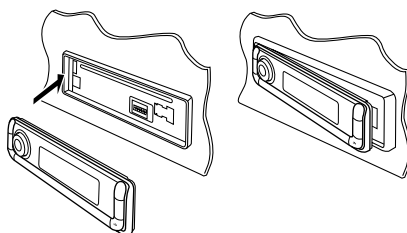
2 **Press the right side of the control panel to fix it to the panel holder.**
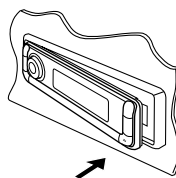
Note on cleaning the connectors:
If you frequently detach the control panel, the connectors will deteriorate.
To minimize this possibility, periodically wipe the connectors with a cotton swab or cloth moistened with alcohol, being careful not to damage the connectors.
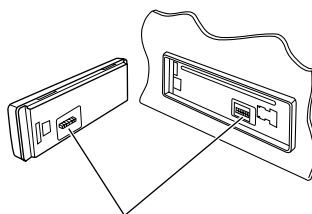
Connectors

CD CHANGER OPERATIONS
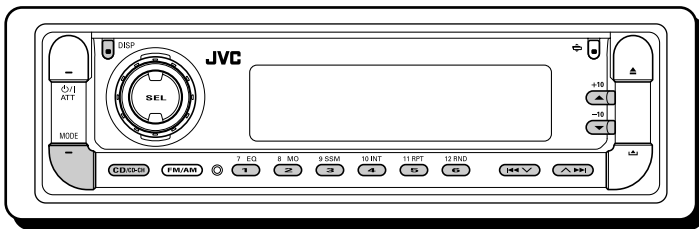
We recommend that you use the JVC MP3-compatible CD changer with your unit.

By using this CD changer, you can play back your original CD-Rs (Recordable) and CD-RWs (Rewritable) recorded either in audio CD format or in MP3 format.
• You can also connect other CH-X series CD changers (except CH-X99 and CH-X100). However, they are not compatible with MP3 discs, so you cannot play back MP3 discs.
• You cannot use the KD-MK series CD changers with this unit.

Before operating your CD changer:
• Refer also to the Instructions supplied for your CD changer.
• If no discs are in the magazine of the CD changer or the discs are inserted upside down, "NO DISC" will appear on the display. If this happens, remove the magazine and set the discs correctly.
• If no magazine is loaded in the CD changer, "NO MAG" appears on the display. If this happens, insert the magazine in the CD changer.
• If "RESET 1" – "RESET 8" appears on the display, something is wrong with the connection between this unit and the CD changer. If this happens, check the connection and make sure the cords are connected firmly. Then, press the reset button of the CD changer.

Note:
You cannot control and play any WMA disc on the CD changer.

Playing discs

Select the CD changer (CD-CH).

CD → CD-CH*

* *If you have changed "EXTERNAL IN" setting to "LINE IN" (see page 30), you cannot select the CD changer.*

• **When the current disc is an MP3 disc:**
Playback starts from the first folder of the current disc once file check is completed.

Selected disc number*
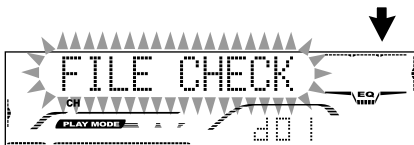
(folder) indicator
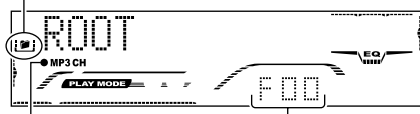
MP3 indicator   Selected folder number

* *When "CLOCK DISP" is set to "CLK DISP ON" (see page 28), the current indication will soon change to the clock time.*

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Note:

Folder name appears on the display instead of "ROOT," if an MP3 disc contains a folder.

- **When the current disc is a CD:**
  Playback starts from the first track of the current disc.
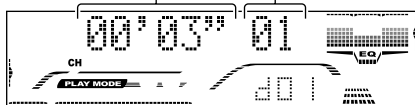
CD-CH
CH   EQ
PLAY MODE   ♩01

Selected disc number* ▼

PLAY   01
CH   EQ
PLAY MODE   ♩01

Elapsed playing time | Current track number ▼

00'03"   01
CH   EQ
PLAY MODE   ♩01

* *When "CLOCK DISP" is set to "CLK DISP ON" (see page 28), the current indication will soon change to the clock time.*

Notes:
- *When you press CD/CD-CH, the power automatically comes on. You do not have to press ⏻/I ATT to turn on the power.*
- *If you change the source, CD changer play also stops. Next time you select the CD changer as the source, CD changer play starts from where playback has been stopped previously.*
- *When you start playing back a CD Text or MP3 disc, disc information will automatically appear on the display. (See pages 16 and 19.)*

To go to a particular disc directly

Press the number button corresponding to the disc number to start its playback (while the CD changer is playing).

7 EQ   8 MO   9 SSM   10 INT   11 RPT   12 RND
(1)   (2)   (3)   (4)   (5)   (6)
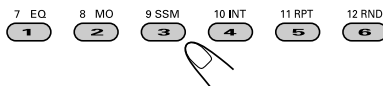
- To select a disc number from 1 – 6:
  Press 1 (7) – 6 (12) briefly.
- To select a disc number from 7 – 12:
  Press and hold 1 (7) – 6 (12) for more than one second.

To fast-forward or reverse the track/file
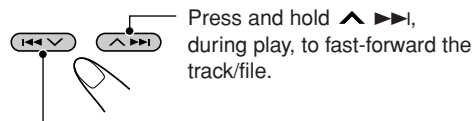
Press and hold ∧ ►►I, during play, to fast-forward the track/file.

Press and hold I◄◄ ∨ , during play, to reverse the track/file.

Note:

During this operation on an MP3 disc, you can only hear intermittent sounds. (The elapsed playing time also changes intermittently on the display.)

To go to the next or previous tracks/files
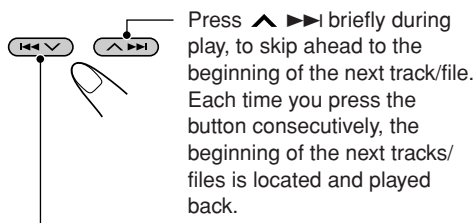
Press ∧ ►►I briefly during play, to skip ahead to the beginning of the next track/file. Each time you press the button consecutively, the beginning of the next tracks/files is located and played back.

Press I◄◄ ∨ briefly during play, to skip back to the beginning of the current track/file.
Each time you press the button consecutively, the beginning of the previous tracks/files is located and played back.

MP3
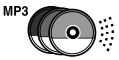
This operation is only possible when using JVC MP3-compatible CD changer (CH-X1500).

To go to a track/file quickly (+10 and –10 buttons)

1 Press MODE to enter the functions mode while playing a disc.

MODE

2 Press +10 or –10.

+10 — To skip 10 tracks/files* forwards to the last track/file

–10 — To skip 10 tracks/files* backwards to the first track/file
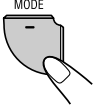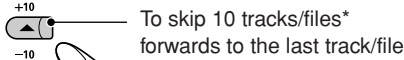
* First time you press +10 or –10 button, the track/file skips to the nearest higher or lower track/file with a track/file number of multiple ten (ex. 10th, 20th, 30th).

Then each time you press the button, you can skip 10 tracks/files (see "How to use the +10 and –10 buttons" below).
• After the last track/file, the first track/file will be selected, and vice versa.

Note:
If the current playing disc is an MP3 disc, files are skipped within the same folder.

How to use the +10 and –10 buttons

• Ex. 1: To select track/file number 32 while playing track/file number 6

MODE ➡ +10 (Three times) ➡ (Twice)

Track/file 6 ➡ 10 ➡ 20 ➡ 30 ➡ 31 ➡ 32

• Ex. 2: To select track/file number 8 while playing track/file number 36

MODE ➡ –10 (Three times) ➡ (Twice)

Track/file 36 ➡ 30 ➡ 20 ➡ 10 ➡ 9 ➡ 8

To skip to the next or previous folder (only for MP3 discs)

+10

–10
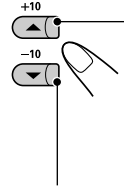
Press ▲ (up) while playing an MP3 disc, to go to the next folder.
Each time you press the button consecutively, the next folder is located, and the first file in the folder starts playback.

Press ▼ (down) while playing an MP3 disc, to go to the previous folder.
Each time you press the button consecutively, the previous folder is located, and the first file in the folder starts playback.

To show the disc information for CD Text and MP3 discs

This is possible only when connecting a JVC CD changer equipped with CD Text and/or MP3 disc information reading capability.

Select text display mode while playing a CD Text or an MP3 disc.

DISP

• For details, see page 16 about CD Text disc information and page 19 about MP3 disc information.

Selecting the playback modes

To play back tracks/files at random (Folder Random/Disc Random/Magazine Random Play)
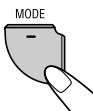
MODE

1 Press MODE to enter the functions mode while playing a disc.

12 RND

2 Press RND (random), while "MODE" is still on the display. Each time you press the button, the random play mode changes as follows:

For MP3 discs:

FLDR RND → DISC RND → MAG RND → Canceled → (back to FLDR RND)

For CDs:

DISC RND → MAG RND → Canceled → (back to DISC RND)
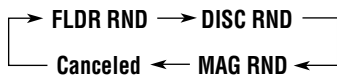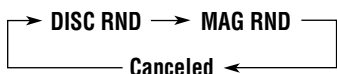
MAG RND

RND indicator

Ex.: When you select "MAG RND"

Note:
MP3 indicator also lights up if the current playing disc is an MP3 disc.

Mode	Active indicator	Plays at random
FLDR RND*	▭ and RND indicators light up.	All files of the current folder, then files of the next folder and so on.
DISC RND	⬤ and RND indicators light up.	All tracks/files of the current (or specified) disc.
MAG RND	RND indicator lights up.	All tracks/files of the inserted discs.

* *"FLDR RND" is only applicable for MP3 disc.*

To play back tracks/files repeatedly (Track Repeat/Folder Repeat/Disc Repeat Play)
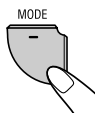
MODE

1 Press MODE to enter the functions mode while playing a disc.

11 RPT

2 Press RPT (repeat), while "MODE" is still on the display. Each time you press the button, the repeat play mode changes as follows:

For MP3 discs:

TRK RPT → FLDR RPT → DISC RPT → Canceled → (back to TRK RPT)

For CDs:

TRK RPT → DISC RPT → Canceled → (back to TRK RPT)
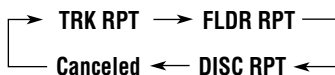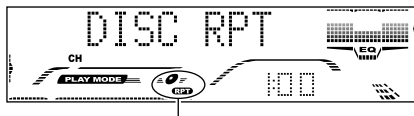
DISC RPT

⬤ (disc) and RPT indicators

Ex.: When you select "DISC RPT"

Note:
MP3 indicator also lights up if the current playing disc is an MP3 disc.
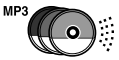
MP3

Mode	Active indicator	Plays repeatedly
TRK RPT	RPT indicator lights up.	The current (or specified) track/file.
FLDR RPT*	🗀 and RPT indicators light up.	All files of the current (or specified) folder of the current disc.
DISC RPT	💿 and RPT indicators light up.	All tracks/files of the current (or specified) disc.

* *"FLDR RPT" is only applicable for MP3 disc.*

To play back only intros
(Track Intro Scan/Folder Intro Scan/Disc Intro Scan)
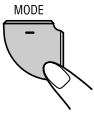
MODE

1 Press MODE to enter the functions mode while playing a disc.

10 INT

2 Press INT (intro), while "MODE" is still on the display.
Each time you press the button, the intro scan mode changes as follows:

For MP3 discs:

TRK INT ⟶ FLDR INT
Canceled ⟵ DISC INT

For CDs:

TRK INT ⟶ DISC INT
Canceled ⟵
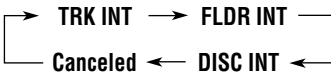
TRK INT

INT indicator

Ex.: When you select "TRK INT"

Note:
MP3 indicator also lights up if the current playing disc is an MP3 disc.

Mode	Active indicator	Plays the beginnings (15 seconds) of
TRK INT	INT indicator lights up.	All tracks/files of the current disc.
FLDR INT*	🗀 and INT indicators light up.	The first file of every folder of the current disc.
DISC INT	💿 and INT indicators light up.	The first tracks/files of the inserted discs.

* *"FLDR INT" is only applicable for MP3 disc.*

EXTERNAL COMPONENT OPERATIONS
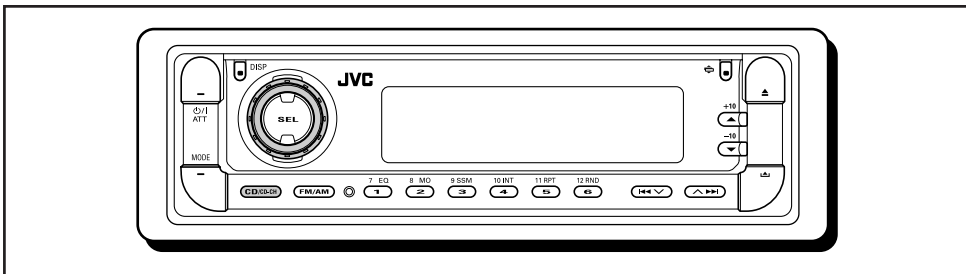
Playing an external component

You can connect the external component to the CD changer jack on the rear using the Line Input Adapter KS-U57 (not supplied).

Preparations:
• *For connecting the Line Input Adapter KS-U57 and the external component, refer to the Installation/ Connection Manual (separate volume).*
• *Before operating the external component using the following procedure, select the external input correctly. See "To select the external component to use—EXTERNAL IN" on page 30.*

1 Select the external component (LINE IN).

CD → LINE IN

• If "LINE IN" does not appear on the display, see page 30 and select the external input ("LINE IN").

Note on One-Touch Operation:
When you press CD/CD-CH, the power automatically comes on. You do not have to press ATT to turn on the power.

2 Turn on the connected component and start playing the source.

3 Adjust the volume.

4 Adjust the sound as you want. (See pages 23 – 25.)

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✷ ADDITIONAL INFORMATION

Sound modes (preset frequency level settings)

The list below shows the preset frequency level settings for each sound mode.

Sound Mode	Preset equalizing values						
	LOW LEVEL	LOW FREQ	LOW WIDTH	MID LEVEL	MID WIDTH	HI LEVEL	HI FREQ
FLAT	00	60Hz	1	00	1	00	8kHz
HARD ROCK	+03	120Hz	4	00	1	+02	8kHz
R&B	+03	80Hz	1	+01	1	+03	15kHz
POP	+02	120Hz	1	+01	1	+02	10kHz
JAZZ	+03	80Hz	1	00	1	+03	10kHz
DANCE MUSIC	+04	60Hz	2	−02	2	+01	8kHz
COUNTRY	+02	60Hz	3	00	1	+02	12kHz
REGGAE	+03	60Hz	1	+02	1	+02	12kHz
CLASSIC	+01	80Hz	1	00	1	+03	10kHz
USER 1	00	60Hz	1	00	1	00	8kHz
USER 2	00	60Hz	1	00	1	00	8kHz
USER 3	00	60Hz	1	00	1	00	8kHz

Available characters

You can use the following characters to assign names to station frequencies and CDs (both in this unit and in the CD changer). (See page 31.)
• These characters can be also used to show other information such as disc title/performer on the display.

Capital letters

A	B	C	D	E
F	G	H	I	J
K	L	M	N	O
P	Q	R	S	T
U	V	W	X	Y
Z	space			

Small letters

a	b	c	d	e
f	g	h	i	j
k	l	m	n	o
p	q	r	s	t
u	v	w	x	y
z	space			

Numbers and symbols

0	1	2	3	4
5	6	7	8	9
!	”	#	$	%
&	’	(	)	*
+	,	−	.	/
:	;	<	=	>
?	@	_	`	space

TROUBLESHOOTING ?!

What appears to be trouble is not always serious. Check the following points before calling a service center.

	Symptoms	Causes	Remedies
General	• Sound cannot be heard from the speakers.	The volume level is set to the minimum level.	Adjust it to the optimum level.
		Connections are incorrect.	Check the cords and connections.
	• This unit does not work at all.	The built-in microcomputer may have functioned incorrectly due to noise, etc.	Press the reset button on the control panel. (The clock setting and preset stations stored in memory are erased.) (See page 2.)
FM/AM	• SSM (Strong-station Sequential Memory) automatic preset does not work.	Signals are too weak.	Store stations manually.
	• Static noise while listening to the radio.	The antenna is not connected firmly.	Connect the antenna firmly.
Disc Playback	• Disc cannot be played back.	Disc is inserted upside down.	Insert the disc correctly.
	• CD-R/CD-RW cannot be played back. • Tracks on the CD-R/CD-RW cannot be skipped.	CD-R/CD-RW is not finalized.	• Insert a finalized CD-R/CD-RW. • Finalize the CD-R/CD-RW with the component which you used for recording.
	• Disc cannot be ejected.	Disc is locked.	Unlock the disc. (See page 16.)
	• Disc sound is sometimes interrupted.	You are driving on rough roads.	Stop playback while driving on rough roads.
		Disc is scratched.	Change the disc.
		Connections are incorrect.	Check the cords and connections.
	• Disc cannot be recognized ("NO DISC" appears on the display).	No disc in the loading slot.	Insert a disc into the loading slot.
		Disc is inserted incorrectly.	Insert the disc correctly.
		The unit may have functioned incorrectly.	While pressing CD/CD-CH, press and hold SEL (select) for more than 2 seconds to eject the disc.
	• When "PUSH RESET" appears on the display.	There is something blocking the control movement.	Press the reset button on the control panel. (See page 2.) If the reset button does not work, check the Installation/Connection Manual (separate volume). (Ex.: You have used a longer screw than specified.)

	Symptoms	Causes	Remedies
MP3/WMA Playback	• Disc cannot be played back.	No MP3/WMA files are recorded on the disc.	Change the disc.
		MP3/WMA files do not have the extension code <.mp3> or <.wma> in their file names.	Add the extension code <.mp3> or <.wma> to their file names.
		MP3/WMA files are not recorded in the format compliant with ISO 9660 Level 1, Level 2, Romeo, or Joliet.	Change the disc. (Record MP3/WMA files using a compliant application.)
	• Noise is generated.	The file played back is not an MP3/WMA file (although it has the extension code <.mp3> or <.wma>).	Skip to another file or change the disc. (Do not add the extension code <.mp3> or <.wma> to non-MP3 or non-WMA files.)
	• A longer readout time is required ("FILE CHECK" keeps flashing on the display).	Readout time varies due to the complexity of the folder/file configuration.	Do not use too many hierarchies and folders.
	• Files cannot be played back as you have intended them to play.	Playback order is determined when the files are recorded.	————
	• Elapsed playing time is not correct.	This sometimes occurs during play. This is caused by how the files are recorded on the disc.	————
	• indicator flashes on the display.	The current folder does not contain any MP3/WMA file.	Select another folder.
	• "NO FILES" appears on the display.	The current disc does not contain any MP3/WMA file.	Insert a disc that contains MP3/WMA files.
	• Correct characters are not displayed (e.g. album name).	This unit can only display alphabets (capital: A–Z, small: a–z), numbers, and a limited number of symbols.	————

Symptoms	Causes	Remedies	
• "NO DISC" appears on the display.	No disc is in the magazine.	Insert discs into the magazine.	
	Discs are inserted upside down.	Insert discs correctly.	
• "NO MAG" appears on the display.	No magazine is loaded in the CD changer.	Insert the magazine.	
• "RESET 8" appears on the display.	This unit is not connected to the CD changer correctly.	Connect this unit and the CD changer correctly and press the reset button of the CD changer.	**CD Changer**
• "RESET 1" – "RESET 7" appears on the display.	_____	Press the reset button of the CD changer.	
• The CD changer does not work at all.	The built-in microcomputer may function incorrectly due to noise, etc.	Press the reset button on the control panel. (The clock setting and preset stations stored in memory are erased.) (See page 2.)	

About mistracking:
Mistracking may result from driving on extremely rough roads. This does not damage the unit and the disc, but will be annoying.
We recommend that you stop disc play while driving on such rough roads.

⁇⁉ MAINTENANCE

Handling discs

This unit has been designed to reproduce CDs, CD-Rs (Recordable), CD-RWs (Rewritable), and CD Texts.
• **This unit is also compatible with MP3 and WMA discs.**

How to handle discs

When removing a disc from its case, press down the center holder of the case and lift the disc out, holding it by the edges.

Center holder

• Always hold the disc by the edges. Do not touch its recording surface.

When storing a disc into its case, gently insert the disc around the center holder (with the printed surface facing up).
• Make sure to store discs into the cases after use.

To keep discs clean

A dirty disc may not be played correctly. If a disc does become dirty, wipe it with a soft cloth in a straight line from center to edge.

To play new discs

New discs may have some rough spots around the inner and outer edges. If such a disc is used, this unit may reject the disc.
To remove these rough spots, rub the edges with a pencil or ball-point pen, etc.

Moisture condensation

Moisture may condense on the lens inside the CD player in the following cases:
• After starting the heater in the car.
• If it becomes very humid inside the car.
Should this occur, the CD player may malfunction. In this case, eject the disc and leave the unit turned on for a few hours until the moisture evaporates.

When playing a CD-R or CD-RW

Before playing back CD-Rs or CD-RWs, read their instructions or cautions carefully.
• Use only "finalized" CD-Rs or CD-RWs.
• Some CD-Rs or CD-RWs may not be played back on this unit because of their disc characteristics, and for the following reasons:
  – Discs are dirty or scratched.
  – Moisture condensation on the lens inside the unit.
  – The pickup lens inside the unit is dirty.
• CD-RWs may require a longer readout time since the reflectance of CD-RWs is lower than that of regular CDs.
• CD-Rs or CD-RWs are susceptible to high temperatures or high humidity, so do not leave them inside your car.
• Do not use following CD-Rs or CD-RWs:
  – Discs with stickers, labels, or protective seal stuck to the surface.
  – Discs on which labels can be directly printed by an ink jet printer.
Using these discs under high temperatures or high humidity may cause malfunctions or damage to discs. For example,
  – Stickers or labels may shrink and warp a disc.
  – Stickers or labels may be peeled off so discs cannot be ejected.
  – Print on discs may get sticky.
Read instructions or cautions about labels and printable discs carefully.

CAUTIONS:
• *Do not insert 8 cm discs (single CDs) into the loading slot. (Such discs cannot be ejected.)*
• *Do not insert any disc of unusual shape—like a heart or flower; otherwise, it will cause a malfunction.*
• *Do not expose discs to direct sunlight or any heat source or place them in a place subject to high temperature and humidity. Do not leave them in a car.*
• *Do not use any solvent (for example, conventional record cleaner, spray, thinner, benzine, etc.) to clean discs.*

Warped disc

Sticker

Sticker residue

Disc

Stick-on label

SPECIFICATIONS

AUDIO AMPLIFIER SECTION

Maximum Power Output:
- Front: 50 W per channel
- Rear: 50 W per channel

Continuous Power Output (RMS):
- Front: 19 W per channel into 4 Ω, 40 Hz to 20 000 Hz at no more than 0.8% total harmonic distortion.
- Rear: 19 W per channel into 4 Ω, 40 Hz to 20 000 Hz at no more than 0.8% total harmonic distortion.

Load Impedance: 4 Ω (4 Ω to 8 Ω allowance)

Frequency Control Range
- Low: ±12 dB (60 Hz, 80 Hz, 100 Hz, 120 Hz)
- Mid: ±12 dB
- High: ±12 dB (8 kHz, 10 kHz, 12 kHz, 15 kHz)

Frequency Response: 40 Hz to 20 000 Hz

Signal-to-Noise Ratio: 70 dB

Line-Out Level/Impedance:
5.0 V/20 kΩ load (full scale)

Output Impedance: 1 kΩ

Subwoofer-Out Level/Impedance:
2.0 V/20 kΩ load (full scale)

TUNER SECTION

Frequency Range:
- FM: 87.5 MHz to 108.0 MHz
- AM: 531 kHz to 1 602 kHz

[FM Tuner]

Usable Sensitivity: 11.3 dBf (1.0 μV/75 Ω)
50 dB Quieting Sensitivity: 16.3 dBf (1.8 μV/75 Ω)
Alternate Channel Selectivity (400 kHz): 65 dB
Frequency Response: 40 Hz to 15 000 Hz
Stereo Separation: 35 dB
Capture Ratio: 1.5 dB

[AM Tuner]

Sensitivity: 20 μV
Selectivity: 35 dB

CD PLAYER SECTION

Type: Compact disc player
Signal Detection System: Non-contact optical pickup (semiconductor laser)
Number of channels: 2 channels (stereo)
Frequency Response: 5 Hz to 20 000 Hz
Dynamic Range: 96 dB
Signal-to-Noise Ratio: 98 dB
Wow and Flutter: Less than measurable limit
MP3 decoding format:
MPEG1/2 Audio Layer 3
Max. Bit Rate: 320 Kbps
WMA (Windows Media® Audio) decoding format:
Max. Bit Rate: 192 Kbps

GENERAL

Power Requirement
Operating Voltage:
DC 14.4 V (11 V to 16 V allowance)
Grounding System: Negative ground
Allowable Operating Temperature:
0°C to +40°C
Dimensions (W × H × D):
Installation Size (approx.):
182 mm × 52 mm × 159 mm
Panel Size (approx.):
188 mm × 58 mm × 12 mm
Mass (approx.):
1.5 kg (excluding accessories)

Design and specifications are subject to change without notice.

Having TROUBLE with operation?
Please reset your unit
Refer to page of How to reset your unit

JVC

KD-G805

راديو مع مشغّل CD

عربي

Detachable
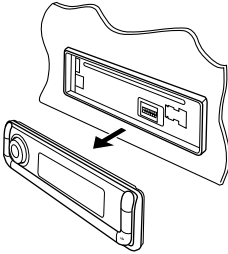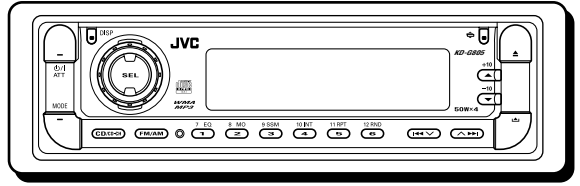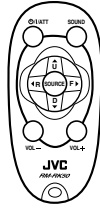
MP3 WMA

COMPACT
disc
DIGITAL AUDIO
TEXT

• هذا الجهاز مزوّد بوظيفة استعراض لشاشة العرض. لإلغاء وظيفة الاستعراض، انظر صفحة ٨.

لعمليات التركيب والتوصيلات، يرجى مراجعة كتيب التعليمات المنفصل.

كتيب التعليمات

JVC

KD-G805
Installation/Connection Manual

安裝／連接手冊

การติดตั้ง/คู่มือการติดตั้ง

كتيّب تعليمات التركيب/التوصيل

GET0198-003A
[U]

1203KKSMDTJEIN
EN, CT, TH, AR

ENGLISH

This unit is designed to operate on **12 V DC, NEGATIVE ground electrical systems**. If your vehicle does not have this system, a voltage inverter is required, which can be purchased at JVC car audio dealers.

中文

本機僅可使用直流 **12V**、負極接地的電源系統。如果您的車輛沒有這一電源系統，則需要一個電壓變換器，可以在 JVC 汽車音響分銷商處買到。

ไทย

ชุดประกอบนี้ได้รับการออกแบบมาเพื่อใช้งานกับระบบกระแสไฟฟ้าสายดินขั้วลบกระแสตรง **12 โวลท์** หากรถยนต์ของคุณไม่ได้ใช้ระบบนี้ ต้องใช้เครื่องแปลงกระแสไฟฟ้าช่วย ซึ่งสามารถหาซื้อได้จากร้านขายเครื่องเสียงรถยนต์ JVC

عربي

لقد صمم هذا الجهاز ليعمل فقط بواسطة تيار **كهربائي مباشر DC، ۱۲ فولت، انظمة كهربائية تأريض سالب**. في حالة عدم وجود مثل هذا النظام في سيارتك، يجب استخدام محول فولتاج، ويمكن شراء هذا المحول من وكلاء الاجهزة الصوتية للسيارات ماركة JVC.

Parts list for installation and connection

The following parts are provided for this unit. After checking them, please set them correctly.

用於安裝和連接的零件裏

下列零件是隨本機提供的。清點以後，正確的將其裝配。

รายการส่วนประกอบสำหรับติดตั้งและเชื่อมต่อกัน

ส่วนประกอบต่อไปนี้ให้มากับชุดประกอบนี้ หลังจากตรวจสอบแล้ว ปรับตั้งเครื่องให้ถูกต้อง

قائمة اجزاء التركيب والتوصيل

الاجزاء التالية مزودة مع الجهاز. بعد فحص هذه الاجزاء، يرجى تركيبهم بشكل صحيح.

Ⓐ / Ⓑ Hard case/Control panel
硬盒／控制面板
ลังบรรจุ/หน้าปัด
صندوق صلب/لوحة التحكم

Ⓒ Sleeve
外套機殼
ปลอกหุ้ม
الهيكل الواقي

Ⓓ Trim plate
裝飾框
แผ่นโลหะขอบแต่ง
لوحة الزينة

Ⓔ Power cord
電路連接用的配線束
สายเคเบิลกำลัง
سلك الطاقة الكهربائية

Ⓕ Remote controller
遙控器
รีโมตคอนโทรล
وحدة التحكم عن بعد

Ⓖ Battery
電池
แบตเตอรี่
البطاريات
CR2025

Ⓗ Washer (ø5)
墊圈 (ø5)
ประเก็นวงแหวน (ø5)
حلقة احكام التوصيل (قطر ٥)

Ⓘ Lock nut (M5)
鎖定螺母 (M5)
นอตล็อค (M5)
صمولة التثبيت (M5)

Ⓙ Mounting bolt (M5 x 20 mm)
緊固螺栓（M5 x 20 mm）
สลักติด (M5 x 20 มิลลิเมตร)
مسمار التركيب (M5 x ۲۰ ملم)

Ⓚ Rubber cushion
橡膠防震墊
ยางกันกระแทก
الحشوة المطاطية

Ⓛ Handles
板條型把手
กันบังคับ
المساكات

INSTALLATION (IN-DASH MOUNTING)

The following illustration shows a typical installation. If you have any questions or require information regarding installation kits, consult your JVC car audio dealer or a company supplying kits.
• If you are not sure how to install this unit correctly, have it installed by a qualified technician.

安裝（裝設、固定在儀表板內）

下面的圖解表示了典型的安裝程序。如果您有問題，或需要有關配套元件的資料，請向 JVC 汽車音響分銷商或配套元件供應公司詢問。
• 如果您不能確定如何正確地安裝本機，應請合格的技術人員來安裝。

การติดตั้ง (การประกอบแผงหน้าปัทม์เข้า)

ภาพตัวอย่างต่อไปนี้แสดงถึงการติดตั้งแบบทั่วไป หากคุณมีปัญหาหรือต้องการข้อมูลเกี่ยวกับชุดติดตั้ง กรุณาปรึกษากับผู้ขายเครื่องเสียงรถยนต์ JVC ของท่านหรือบริษัท
• ชุดประกอบ ถ้าคุณไม่แน่ใจว่าติดตั้งชุดประกอบนี้ถูกต้องหรือไม่ ให้หาช่างผู้เชี่ยวชาญเป็นผู้ติดตั้ง

تركيب الجهاز (داخل ـ تابلو السيارة)

يبيّن الرسم التوضيحي التالي طريقة التركيب المثالية. اذا كان هناك استفسارات او حاجة لمعلومات بخصوص ادوات التركيب، يرجى استشارة موزع الاجهزة الصوتية للسيارات ماركة JVC او الشركة الموزعة لهذة الادوات.
• في حالة عدم معرفتك بكيفية تركيب الجهاز بشكل صحيح، يرجى ترك عملية تركيب الجهاز لشخص مختص ومؤهل لتركيب مثل هذه الاجهزة.

1

2

3

5

❸ Do the required electrical connections.
進行所需的電路連接。
ต่อสายไฟตามที่กำหนดไว้ทั้งหมด
اعمل التوصيلات الكهربائية المطلوبة.

Fit the protrusions outside the unit.
將突出的部份安置在本機的外部。
แก้ไขส่วนที่ยื่นออกมาด้านนอกตัวเครื่อง
وازن النتوءات خارج الجهاز.

184 mm
53 mm

4

*¹ When you stand the unit, be careful not to damage the fuse on the rear.
*¹ 您豎起本機時，小心不要損壞底部的保險絲。
*¹ เมื่อคุณตั้งชุดประกอบขึ้น ระวังอย่าทำให้ฟิวส์บริเวณส่วนท้ายเสียหาย
*¹ عند توقيف الجهاز، انتبه من اجل عدم تضرر الفيوز الموجود على الجهة الخلفية.

Bend the appropriate tabs to hold the sleeve firmly in place.
弄彎機殼的突舌，把外套機殼牢固在儀表板內。
งอแผ่นเพื่อยึดปลอกให้ต่อยกันเข้าที่
انثي الاسنة بشكل مناسب لتثبيت الهيكل الواقي بشكل محكم في المكان الصحيح.

Removing the unit

Before removing the unit, release the rear section.

拆卸本機

在拆卸本機前，應將本機後部的固定和連接部分鬆開。

การถอดชุดประกอบ

ก่อนจะถอดชุดประกอบ ให้ปลดหน้าตัดส่วนท้ายก่อน

نزع الجهاز من تابلو السيارة

قبل نزع الجهاز، حرر الجزء الخلفي.

1

2

3

4

Insert the two handles, then pull them as illustrated so that the unit can be removed.
按圖所示，將兩片板條型把手插入卡槽，然後輕穩地從兩側向外拉兩片把手，本機隨之拉出。
ใส่กันบังคับ 2 อันลงในร่องสำหรับใช้พันลวด ดังภาพ จากนั้นให้เลื่อนชุดประกอบออกในขณะที่คอย ๆ ดึงกันบังคับทั้งสอง อันออกจากกัน
ادخل المساكتين، وبعد ذلك اسحبهم كما هو مبيّن بحيث يمكن نزع الجهاز.

When using the optional stay / 若選用支撐架 / เมื่อใช้ตัวยึดแบบเลือกได้ (เป็นอุปกรณ์เลือกเปิดด้างไว้ได้) / عند استخدام الدعامة الاضافية

Fire wall
防火板
ผนังกันไฟ
جدار الحماية من الحريق

Dashboard
儀表板
แผงหน้าปัทม์
تابلو السيارة

Stay (option)
支撐架（選用的）
ตัวยึด（เลือกได้）
الدعامة (اضافية)

Screw (option)
螺絲釘（選用的）
สกรู (เลือกได้)
برغي (اضافي)

Install the unit at an angle of less than 30˚.
將本機安裝在少於 30° 的角度。
ติดตั้งชุดประกอบที่ทำมุมต่ำกว่า 30 องศา
ركّب الجهاز على زاوية اقل من ٣٠ درجة.

When installing the unit without using the sleeve / 若不使用外套機殼安裝本機 / เมื่อติดตั้งชุดประกอบโดยไม่ใช้ปลอกหุ้ม / عندما تركب الجهاز بدون استخدام الهيكل الواقي

In a Toyota for example, first remove the car radio and install the unit in its place.

以豐田牌（TOYOTA）汽車為例：首先取出汽車收音機，然後將本機裝入其空出的位置。

ตัวอย่างเช่น ในรถยนต์โตโยต้า ให้ถอดวิทยุติดรถยนต์ออกก่อนและติดตั้งชุดประกอบนี้เข้าไปแทน

على سبيل المثال، في سيارات نوع تويوتا، انزع راديو السيارة اولا بعد ذلك ركب الجهاز في مكانه.

Flat type screws (M5 x 8 mm)*
平頭螺絲釘（M5 x 8 mm）*
สกรูหัวเรียบ (M5 x 8 มิลลิเมตร)*
براغي مستوية القاعدة (M5 x ٨ ملم)*

Bracket*
托座*
แท่นรองรับ*
كتفية التثبيت*

Pocket
空殼
กะเปาะ
جيب

Bracket*
托座*
แท่นรองรับ*
كتفية التثبيت*

* Not included with this unit.
* 不包括在本機中。
* ไม่ได้ให้มากับชุดประกอบนี้
* غير مزوّد مع هذا الجهاز.

Flat type screws (M5 x 8 mm)*
平頭螺絲釘（M5 x 8 mm）*
สกรูหัวเรียบ (M5 x 8 มิลลิเมตร)*
براغي مستوية القاعدة (M5 x ٨ ملم)*

Note : When installing the unit on the mounting bracket, make sure to use the 8 mm-long screws. If longer screws are used, they could damage the unit.

注意 : 把本機安裝在托座上時，務必使用 8 mm 長的螺絲釘。如使用過長的螺絲釘，會損壞本機。

หมายเหตุ : เมื่อติดตั้งชุดประกอบลงในแท่นรองรับไว้ ให้ใช้สกรูยาวขนาด 8 มิลลิเมตร ถ้าใช้สกรูยาวกว่านี้อาจทำให้ชุดประกอบเสียหายได้

ملاحظة : عند تركيب الجهاز على كتفيات التركيب، تاكد من استعمال براغي طول ٨ ملم. في حالة استخدام براغي اطول من ٨ ملم، يمكن ان يسبب ذلك تلف و ضرر للجهاز.

ELECTRICAL CONNECTIONS / 電路連接 / การเชื่อมโดยใช้ไฟฟ้า / التوصيلات الكهربائية

To prevent short circuits, we recommend that you disconnect the battery's negative terminal and make all electrical connections before installing the unit.
• Be sure to ground this unit to the car's chassis again after installation.

為防止短路，建議在安裝本機之前，斷開電池的負極，並把所有電路都連接好。
• 安裝完畢後務必將本機的地線重新接至車身。

เพื่อป้องกันการเกิดไฟฟ้าลัดวงจรขอแนะนำให้ปลดขั้วแบตเตอรี่ลบออกแล้วจึงต่อสายไฟก่อนติดตั้งเครื่อง
• ตรวจสอบให้แน่ใจว่าได้เดินสายดินต่อระหว่างเครื่องกับตัวถังรถยนต์ใหม่แล้วหลังจากติดตั้ง

لمنع حدوث تقصير في الدوائر الكهربائية، نوصي بفصل طرف توصيل البطارية السالب وعمل كل التوصيلات الكهربائية قبل تركيب الجهاز.
• تاكد من تاريخ الجهاز مع هيكل السيارة مرة ثانية بعد التركيب.

Notes:
• Replace the fuse with one of the specified rating. If the fuse blows frequently, consult your JVC car audio dealer.
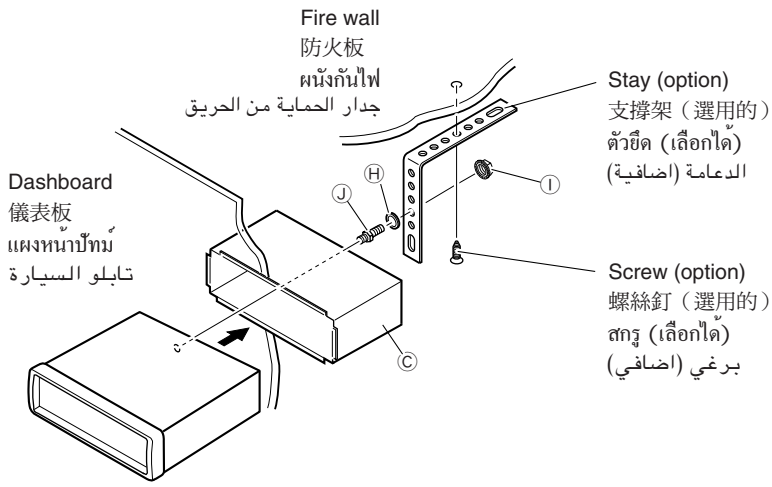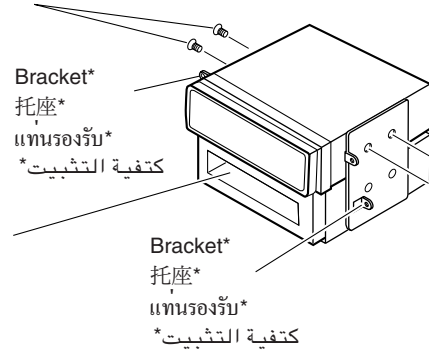• It is recommended to connect to the speakers with maximum power of more than 50 W (both at the rear and at the front, with an impedance of 4 Ω to 8 Ω). If the maximum power is less than 50 W, change "AMP.GAIN" setting to prevent the speakers from being damaged (see page 30 of the INSTRUCTIONS).
• To prevent short-circuit, cover the terminals of the UNUSED leads with insulating tape.
• The heat sink becomes very hot after use. Be careful not to touch it when removing this unit.

注意：
• 把保險絲更換為額定負荷值的保險絲。如果保險絲常常燒壞，請向 JVC 汽車音響分銷商詢問。
• 後置和前置揚聲器的最大輸入功率應大於 50 W，其阻抗為 4 Ω – 8 Ω。如果最大功率小於 50 W，請調校 "AMP.GAIN" 設定值，以防止揚聲器損壞。（參閱使用說明書的第 30 頁）
• 為防止電源短路，請用絕緣帶包住未使用電線的端子。
• 本機使用後，散熱片會很熱。因此，在移出本機時，小心不要觸摸散熱片。

หมายเหตุ :
• ใช้ฟิวส์เฉพาะแทนฟิวส์ หากฟิวส์ขาดบ่อย ให้ปรึกษาร้านขายเครื่องเสียงรถยนต์ JVC
• ขอแนะนำให้ต่อลำโพง ที่มีกำลังขับสูงเกินกว่า 50 W (ทั้งด้านหลังและด้านหน้า มีค่าความต้านทาน 4 Ω ถึง 8 Ω) ถ้ากำลังขับต่ำกว่า 50 W ให้เปลี่ยนค่า "AMP.GAIN" เพื่อป้องกันไม่ให้ลำโพงชำรุด (ดูหน้า 30 ในคู่มือใช้งาน)
• การป้องกันการลัดวงจร จะต้องพันขั้วสายตะกั่ว ที่ไม่ได้ใช้แล้วด้วยเทป ปพันสายไฟ
• แผ่นระบายความร้อนจะร้อนมากหลังจากใช้ ระมัดระวังอย่าไป สัมผัสเมื่อถอดชุดประกอบนี้

ملاحظات:
• استبدل الفيوز بفيوز آخر يحمل نفس القياسات الموصوفة. اذا تكرر احتراق الفيوز، استشر وكيل JVC لاجهزة السيارة الصوتية.
• ينصح التوصيل مع سماعات ذات طاقة قصوى اكثر من ٥٠ واط (على كلا من الخلف والامام، مع ممانعة ٤ اوم الى ٨ اوم). اذا كانت الطاقة القصوى اقل من ٥٠ واط، غيّر وضع تهيئة "AMP.GAIN" لمنع السماعات من الضرر. (انظر صفحة ٣٠ من كتيب التعليمات).
• من اجل منع تقصير الدائرة ـ الكهربائية، ضع شريط لاصق على اطراف الاسلاك غير المستعملة.
• تصبح صفيحة خفض الحرارة ساخنة جدا بعد الاستخدام. تاكد من عدم ملامستها عند نزع الجهاز.

Heat sink
散熱片
แผ่นระบายความร้อน
صفيحة خفض الحرارة

PRECAUTIONS on power supply and speaker connections: / 電源和揚聲器接線注意事項： / ข้อควรระวังสำหรับการต่อแหล่งจ่ายกำลังและลำโพง: / تنبيهات حول تزويد الطاقة الكهربائية وتوصيل السماعات:

• **DO NOT connect the speaker leads of the power cord to the car battery; otherwise, the unit will be seriously damaged.**
• BEFORE connecting the speaker leads of the power cord to the speakers, check the speaker wiring in your car.

• 切勿把揚聲器導線接頭接至電池，否則本機將會嚴重損壞。
• 在把揚聲器導線接頭接至揚聲器之前，檢查您汽車上的揚聲器線路。

• อย่าต่อสายตะกั่วเดเบิลกำลังของลำโพงเข้ากับแบตเตอรี่รถยนต์ มิฉะนั้นชุดประกอบจะได้รับความเสียหายมาก
• ก่อนที่จะต่อสายตะกั่วเดเบิลกำลังของลำโพงเข้ากับลำโพง ให้ตรวจสอบการเดินสายไฟลำโพงในรถของคุณให้เรียบร้อยเสียก่อน

• لا توصّل اسلاك تزويد طاقة السماعات مع بطارية السيارة، لان ذلك يؤدي الى حصول ضرر للسماعات.
• قبل توصيل اسلاك تزويد طاقة السماعات مع السماعات، افحص شبكة اسلاك السماعات داخل سيارتك.

L +
R +

L +
R +

OK
L +
R +
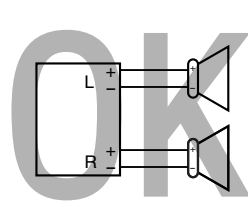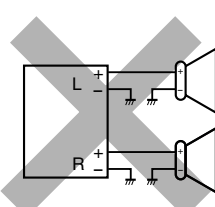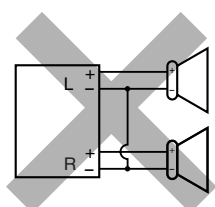
TROUBLESHOOTING / 故障排除 / การตรวจสอบปัญหาขัดข้อง / البحث عن الاعطال والاصلاح

• **The fuse blows.**
* Are the red and black leads connected correctly?
• **Power cannot be turned on.**
* Is the yellow lead connected?
• **No sound from the speakers.**
* Is the speaker output lead short-circuited?
• **Sound is distorted.**
* Is the speaker output lead grounded?
* Are the "–" terminals of L and R speakers grounded in common?
• **Noise interfere with sounds.**
* Is the rear ground terminal connected to the car's chassis using shorter and thicker cords?
• **Unit becomes hot.**
* Is the speaker output lead grounded?
* Are the "–" terminals of L and R speakers grounded in common?

• 保險絲燒斷。
* 檢查紅色導線接頭和黑色導線接頭是否接觸正確？
• 電源不能接通。
* 檢查黃色導線接頭是否接上？
• 揚聲器沒有聲音。
* 檢查揚聲器輸出導線接頭是否短路？
• 聲音失真。
* 檢查揚聲器輸出端子是否接地？
* 檢查揚聲器的左（L）、右（R）端子的負極（－）是否共同接地？
• 噪音干擾音響。
* 後接地端子與車身是否使用較短和較厚的電線連接？
• 本機發熱。
* 檢查揚聲器輸出端子是否接地？
* 檢查揚聲器的左（L）、右（R）端子的負極（－）是否共同接地?

• ฟิวส์ขาด
* มีการเชื่อมต่อสายตะกั่วสีดำและสีแดงอย่างถูกต้องหรือไม่
• ไม่สามารถเปิดเครื่องได้
* มีการเชื่อมต่อสายตะกั่วสีเหลืองหรือไม่
• ไม่มีเสียงออกจากลำโพง
* สายตะกั่วส่วนที่ออกทางลำโพงเกิดไฟฟ้าลัดวงจรหรือไม่
• เสียงเพี้ยน
* สายตะกั่วส่วนที่ออกทางลำโพงต่อลงดินหรือไม่
* สายขั้วลบ ของลำโพงด้านซ้ายและขวาต่อลงดินตามปกติหรือไม่
• เสียงรบกวน
* มีการใช้สายสั้นๆ หรือหนาๆ ต่อจากเครื่องส่วนที่ติดตั้ง ไว้บนพื้นผิวด้านหลังกับกับตัวถังรถยนต์หรือไม่
• ชุดประกอบร้อนขึ้น
* สายตะกั่วส่วนที่ออกทางลำโพงต่อลงดินหรือไม่
* สายขั้วลบ ของลำโพงด้านซ้ายและขวาต่อลงดินตามปกติหรือไม่

• يحترق الفيوز.
* هل السلك الاحمر والاسود موصولة بشكل صحيح؟
• لا يمكن توصيل الطاقة الكهربائية.
* هل السلك الاصفر موصول؟
• لا يصدر صوت من السماعات.
* هل هنالك تقصير في دائرة سلك خرج السماعة؟
• الصوت مشوه.
* هل سلك خرج السماعة موصولا بالارض؟
* هل الاطراف السالبة "–" للسماعة اليسرى L واليمنى R موصولة بالارض مع بعض؟
• تداخل ضجيج مع الاصوات.
* هل طرف الارضي الخلفي موصول مع هيكل السيارة باستعمال اسلاك اقصر واسمك؟
• يسخّن الجهاز.
* هل سلك خرج السماعة موصولا بالارض؟
* هل الاطراف السالبة "–" للسماعة اليسرى L واليمنى R موصولة بالارض مع بعض؟

A Typical Connections / 典型的接線方法 / การเชื่อมต่อแบบปกติ / التوصيلات النموذجية

Before connecting: Check the wiring in the vehicle carefully. Incorrect connection may cause serious damage to this unit.
The leads of the power cord and those of the connector from the car body may be different in color.

1 Connect the colored leads of the power cord in the order specified in the illustration below.

2 Connect the antenna cord.

3 Finally connect the wiring harness to the unit.

接線前：仔細檢查汽車內的線路。不正確的接線會導致本機嚴重損壞。
電力線的引線和車身的連接器引線在顏色上可能有所不同。

1 依照下圖所示之次序連接電源線的顏色導線。

2 將天線的電線連接起來。

3 最後，把配線束的插頭插在本機上。

ก่อนทำการเชื่อมต่อ : ตรวจ อกากาดเดิก ายไฟโดคดยศกต์อย่างคะมัดคะขอย่างที่ผิดพลาดใกากาเชื่อมต่อชุดอุปกรอกอชุดคีกากาเชื่อมต่อผิดพลาดอาจทำให้เกิดความเสียหายต่ายแดงกักชุดอะกอกต์ได้คาดตะกั้วของ ายไฟ และของอุปกรณ์ต่อเชื่อมจากตัวนงคอกาจมี ที่ไม่เหมอคอกัก

1 ต่อสายไฟตามลำดับที่ระบุในรูปด้านล่าง

2 เชื่อมต่อกับสายอากาศ

3 สุดท้าย ต่อส่วนควบคุมการเดินสายไฟเข้ากับชุดประกอบชุดนี้

قبل البدء بالتوصيل: تأكد من شبكة الاسلاك في السيارة بدقة حتى لا يحدث خطأ في عملية توصيل الجهاز. يمكن ان يسبب التوصيل الخاطئ الى حصول عطل حقيقي للجهاز. يمكن ان يختلف لون سلك الطاقة الكهربائية وسلك الموصل عن لون هيكل السيارة.

١ اوصل الاسلاك الملونة لسلك الطاقة الكهربائية بالترتيب الموصوف في الرسم الموجود في الاسفل.

٢ اوصل سلك الهوائي.

٣ اخيرا، اوصل حامل الاسلاك مع الجهاز.

SUBWOOFER (see diagram **B**)
超低音揚聲器（參閱圖表 **B**）
ซับวูฟเฟอร์ (ดูแผนภูม **B**)
سماعة الويفر الفرعية (انظر المخطط **B**)

Rear ground terminal
本機後背接地端子
จุดเชื่อมต่อสายดินด้า นหลัง
طرف التأريض الخلفي

Line out (see diagram **B**)
輸出端子（參閱圖表 **B**）
สายออก (Line out) (ดูแผนภูม **B**)
خرج الخط (انظر المخطط **B**)

To CD changer or another external component (see diagram **B**)
接至 CD 換碟器插座或外接部件（參閱圖表 **B**）
ของเสียบต่อของเครื่องเลนชืด CD ลหะอุปกรณ์ภายนอก (ดูแผนภูม **B**)
مقبس مبدّل الاسطوانة المدمجة او جهاز جهاز الكمبوننات الخارجي (انظر المخطط **B**)

15 A fuse
15 A 保險絲
ฟิวส์ขนาด 15 A
فيوز ١٥ امبير

1 Not included for this unit
1 不包含在本機內
1 ไม่ได้ใหมากับชุดประกอบนี้
١*غير مزوّد مع هذا الجهاز

Ignition switch
點火開關
วิทช์จุดระเบิด
مفتاح الاشتعال

Black
黑色
สีดำ
أسود

To metallic body or chassis of the car
接至金屬體或汽車底盤
ตอกับโครงโลหะหรือเชสซิสของรถยนต์
الى الجسم المعدني او هيكل السيارة المعدني

Yellow*2
黃色*2
สีเหลือง*2
أصفر٣

To a live terminal in the fuse block connecting to the car battery (bypassing the ignition switch) (constant 12 V)
接至保險絲單元內的附屬端子，保險絲單元於車裝電池相連接（用於旁路點火開關）（恆定 12 V）
ต่อกับขั้วที่มีกระแสไฟฟ้าในแผงฟิวส์ ซึ่งต่อกับแบตเตอรี่รถยนต์ (โดยไม่ต้องใช้สวิทช์จุดระเบิด) (12 โวลท์งที่)
الى الطرف الحي في مجموعة الفيوز الموصولة مع البطارية (مرورا بمفتاح الاشتعال) (ثابت ١٢ فولت)

Red
紅色
สีแดง
أحمر

To an accessory terminal in the fuse block
接至保險絲單元內的附屬端子
ตอกับขั้วส่วนประกอบในแผงฟิวส
الى الطرف الاضافي داخل مجموعة الفيوز

2 Before checking the operation of this unit prior to installation, this lead must be connected, otherwise power cannot be turned on.
2 本機未安裝時，進行工作狀況檢查之前，必須把這導線接上，否則不能開啟電源。
2 ก่อนการตรวจสอบการทำงานของชุดประกอบนี้ก่อนที่จะติดตั้ง ต้องต่อสายตะกั้วนี้ก่อน มิฉะนั้นจะไม่สามารถเปิดเครื่องได
٢*: قبل فحص تشغيل هذا الجهاز قبل التركيب، يجب توصيل هذا السلك، بخلاف ذلك لا يمكن توصيل الطاقة الكهربائية.

Blue with white stripe
藍色帶有白色條紋
สีน้ำเงินลายขาว
سلك ازرق مخطط بالابيض

To the remote lead of other equipment (200 mA max.)
連接至另一架儀器的遙控導線（最大 200 mA）
ตอเข้ากับอุปกรณ์อื่น (ขนาดสูงสุด 200 mA)
الى سلك التحكم عن بعد للجهاز الاخر (اقصى حد ٢٠٠ ميلي امبير)

Blue
藍色
สีฟ้า
الازرق

To automatic antenna if any (250 mA max.)
接至自動升降天線，若有裝設（最大 250 mA）
เสาอากาศไฟฟ้าอัตโนมัติ หากมี (ขนาดสูงสุด 250 mA)
الهوائي الاوتوماتيكي ان وجد (اقصى حد ٢٥٠ ميلي امبير)

Orange with white stripe
橙色帶有白色條紋
สีส้มแถบขาว
الشريط البرتقالي مع الابيض

(ILLUMINATION)

To car light control switch
接至汽車燈光控制轉換器
สวิตช์ควบคุมไฟของรถยนตร์
الى هوائي الطاقة الاوتوماتيكي ان وجد

Brown
褐色
สีน้ำตาล
البني

To cellular phone system
接至流動電話系統
ต่อกับโทรศัพท์เคลื่อนท
مع جهاز التلفون الخلوي

Fuse block
保險絲單元
แผงฟิวส
مجموعة الفيوز

White with black stripe
白色帶有黑色條紋
สีขาวแถบดำ
سلك ابيض مخطط بالاسود

(−) (+)

White
白色
สีขาว
أبيض

Gray with black stripe
灰色帶有黑色條紋
สีเทาแถบดำ
سلك رمادي مخطط بالاسود

(−) (+)

Gray
灰色
สีเทา
رمادي

Green with black stripe
綠色帶有黑色條紋
สีเขียวแถบดำ
سلك اخضر مخطط بالاسود

(−) (+)

Green
綠色
สีเขียว
اخضر

Purple with black stripe
紫色帶有黑色條紋
สีม่วงแถบดำ
سلك ارجواني مخطط بالاسود

(−) (+)

Purple
紫色
สีม่วง
ارجواني

Left speaker (front)
左揚聲器（前置）
ลำโพงซาย (หนา)
السماعة اليسرى (الامامية)

Right speaker (front)
右揚聲器（前置）
ลำโพงขวา (หนา)
السماعة اليمنى (الامامية)

Left speaker (rear)
左揚聲器（後置）
ลำโพงซาย (หลัง)
السماعة اليسرى (الخلفية)

Right speaker (rear)
右揚聲器（後置）
ลำโพงขวา (หลัง)
السماعة اليمنى (الخلفية)

Amplifier / 功率放大器 / เครื่องขยาย / مضخم الصوت

You can connect an amplifier and other equipment to upgrade your car stereo system.
• Connect the remote lead (blue with white stripe) to the remote lead of the other equipment so that it can be controlled through this unit.
• **For amplifier only:**
  – **Disconnect the speakers from this unit, connect them to the amplifier. Leave the speaker leads of this unit unused.**
  – The line output level of this unit is kept high to maintain the hi-fi sounds reproduced from this unit.
    When connecting an external amplifier to this unit, turn down the gain control on the external amplifier to obtain the best performance from this unit.

您可以連接擴音器和其他裝置以提昇尊車的音響系統。
• 將遙控導線（藍色帶有白色條紋）和其他裝置上的遙控導線連接起來，以便可以通過本機進行遙控。
• 僅適用於放大器：
  – 將揚聲器和本機斷開，再接上功率放大器。將本機的揚聲器接線放置不用。
  – 當連接一個外部擴音器至本機時，調低外部擴音器上的增益控制以使本機發揮最佳效能。
    當連接一個外部擴音器至本機時，調低外部擴音器上的增益控制以使本機發揮最佳效能。

คุณสามารถต่อกับแอมพลิฟายเออร์ และอุปกรณ์อื่นๆได้ เพื่อเพิ่มคุณภาพเสียงให้กับระบบสเตอริโอของรถยนต์
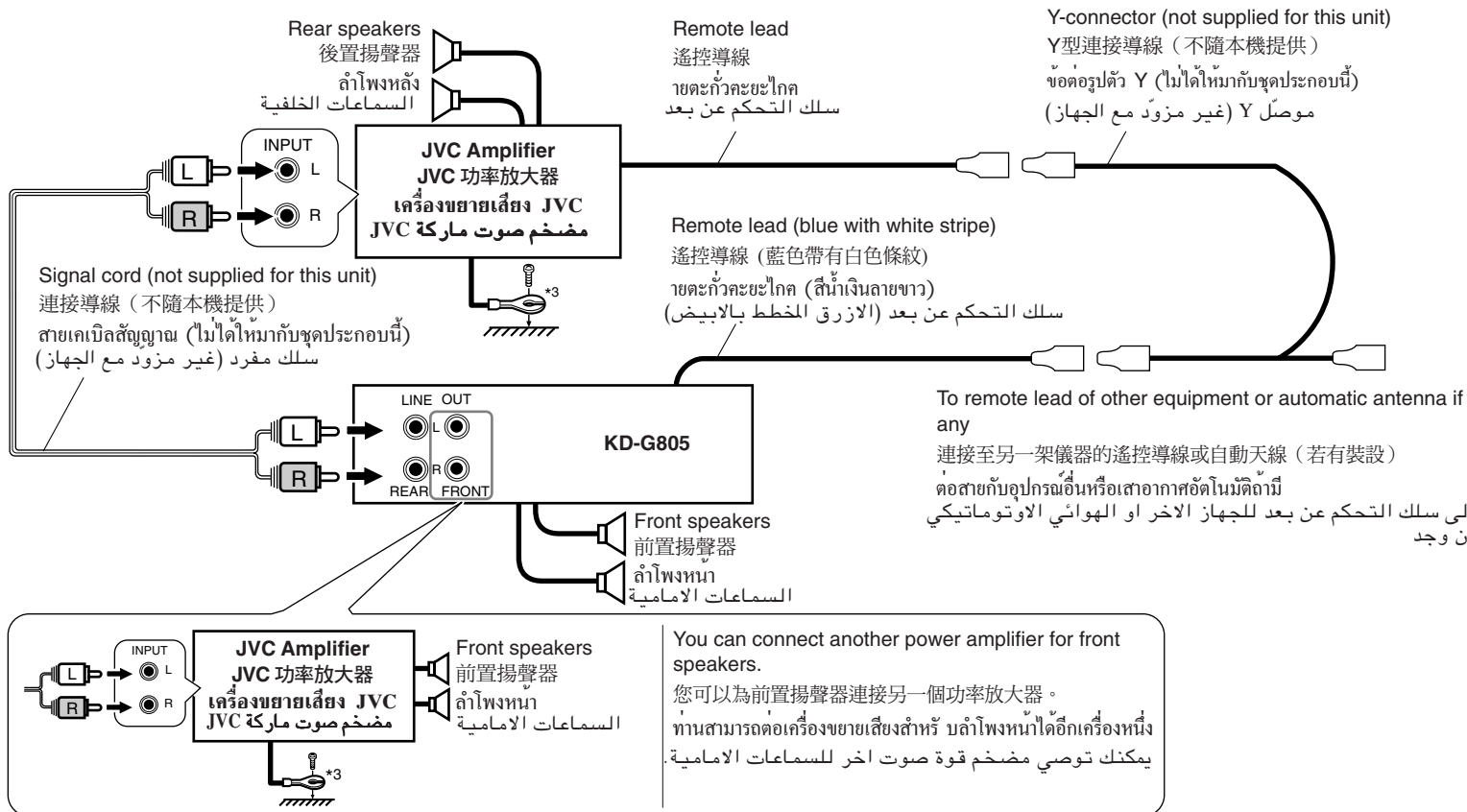• ต่อสายตะกั่วระยะไกล (สีน้ำเงินลายขาว) เข้ากับสายตะกั่วระยะไกลของอุปกรณ์อื่น ๆ เพื่อจะสามารถควบคุมโดยชุดประกอบนี้ได้
• สำหรับเครื่องขยายเท่านั้น:
  – ถอดตัวโฟนออกจากชุดประกอบนี้ แล้วต่อเข้ากับเครื่องขยายทิ้งสายตะกั่วลำโพงของชุดประกอบนี้ไว้
  – เมื่อต่อเครื่อง ขยายเสียงกับเครื่องเล่นนอก ให้ลดปุ่มปรับควบคุมของเครื่องขยายเสียงภายนอกลง เพื่อให้ได้ประสิทธิภาพการทำงานที่ดีที่สุดจากเครื่อง

يمكنك توصيل مضخم صوت او اجهزة اخرى لتحسين اداء جهاز ستيريو السيارة.
• اوصل سلك التحكم عن بعد (الازرق المخطط بالابيض) مع سلك التحكم عن بعد للجهاز الاخر بحيث يتم التحكم بالجهاز من خلال هذا الجهاز.
• **فقط لمضخم الصوت:**
  – **افصل السماعات من هذا الجهاز، اوصلهم مع مضخم الصوت. اترك اسلاك سماعات هذا الجهاز بدون استعمال.**
  – مستوى خرج الخط لهذا الجهاز محفوظ بصورة عالية للمحافظة على اصوات الهاي ـ فاي المتكونة من هذا الجهاز.
    عند توصيل مضخم صوت خارجي مع هذا الجهاز، اخفض ضابط الكسب الموجود على مضخم صوت الخارجي للحصول على افضل تأدية من هذا الجهاز.

Rear speakers
後置揚聲器
ลำโพงหลัง
السماعات الخلفية

Remote lead
遙控導線
ยตะกั่วระยะไกล
سلك التحكم عن بعد

Y-connector (not supplied for this unit)
Y型連接導線（不隨本機提供）
ขั้วต่อรูปตัว Y (ไม่ได้ให้มากับชุดประกอบนี้)
موصّل Y (غير مزوّد مع الجهاز)

INPUT
L L
R R

JVC Amplifier
JVC 功率放大器
เครื่องขยายเสียง JVC
مضخم صوت ماركة JVC

Signal cord (not supplied for this unit)
連接導線（不隨本機提供）
สายเคเบิลสัญญาณ (ไม่ได้ให้มากับชุดประกอบนี้)
سلك مفرد (غير مزوّد مع الجهاز)

*3

Remote lead (blue with white stripe)
遙控導線（藍色帶有白色條紋）
ยตะกั่วระยะไกล (สีน้ำเงินลายขาว)
سلك التحكم عن بعد (الازرق المخطط بالابيض)

LINE OUT
L L
R R
REAR FRONT

KD-G805

To remote lead of other equipment or automatic antenna if any
連接至另一架儀器的遙控導線或自動天線（若有裝設）
ต่อสายกับอุปกรณ์อื่นหรือเสาอากาศอัตโนมัติถ้ามี
الى سلك التحكم عن بعد للجهاز الاخر او الهوائي الاوتوماتيكي ان وجد

Front speakers
前置揚聲器
ลำโพงหน้า
السماعات الامامية

INPUT
L L
R R

JVC Amplifier
JVC 功率放大器
เครื่องขยายเสียง JVC
مضخم صوت ماركة JVC

Front speakers
前置揚聲器
ลำโพงหน้า
السماعات الامامية

*3

You can connect another power amplifier for front speakers.
您可以為前置揚聲器連接另一個功率放大器。
ท่านสามารถต่อเครื่องขยายเสียงสำหรับ บลำโพงหน้าได้อีกเครื่องหนึ่ง
يمكنك توصيل مضخم قوة صوت اخر للسماعات الامامية.

*3 Firmly attach the ground wire to the metallic body or to the chassis of the car— to the place not coated with paint (if coated with paint, remove the paint before attaching the wire). Failure to do so may cause damage to the unit.
*3 將地線與金屬車體或者汽車底盤緊密連接，連接處應該沒有被油漆覆蓋（如果已塗上油漆，在連接電線前，將油漆刮去）。如果不這樣做，可能會損壞本機。
*3 ต่อลวดสายดินให้แนบแน่นกับตัวถังเหล็ก หรือตัวถังรถ — ตรงส่วน ที่ไม่มีสีเคลือบ (หากมีสีเคลือบอยู่ ให้ขูดสีออกก่อนก่อนต่อลวดสายดิน) หากไม่ปฏิบัติตามคำแนะนำนี้ เครื่องอาจชำรุดหรือเสียหายได้
‏3*: اوصل السلك الارضي بشكل محكم مع هيكل او جسم السيارة المعدني ـ مع الموضع غير المطلي بالدهان (اذا كان الموضع مطلي بالدهان، ازل الدهان قبل توصيل السلك). في حالة توصيل السلك مع الهيكل دون ازالة الدهان يمكن ان يسبب ذلك ضرر لهذا الجهاز.

CD Changer / CD 換碟器 / เครื่องเล่นซีดี CD / مبدّل الاسطوانة المدمجة CD

Refer also to page 34 of the INSTRUCTIONS.
同時參閱使用說明書的第 34 頁。
ดูข้อแนะนำในหน้า 34
راجع أيضاً صفحة ٣٤ من كتيب التعليمات.

Connecting cord supplied for your CD changer
連接所提供的電線至您的 CD 換碟器
สายต่อให้มาพร้อมเครื่องเล่นซีดี CD
توصيل السلك المزود لمبدّل الاسطوانة المدمجة

JVC CD changer
JVC CD 換碟器
เครื่องเล่นซีดี JVC
JVC مبدّل الاسطوانة المدمجة

KD-G805
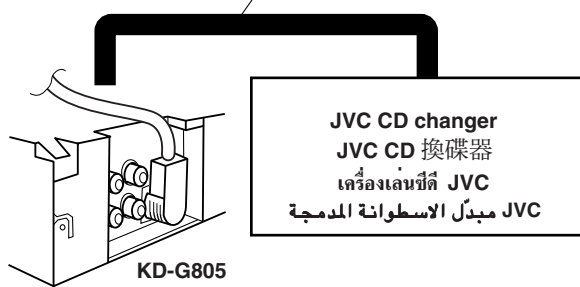
CAUTION / 注意 / ข้อควรระวัง / تنبيه
• Before connecting the CD changer, make sure that the unit is turned off.
• 連接 CD 轉換器之前，應先將本機關閉。
• ก่อนจะเชื่อมต่อเครื่องเล่นซีดี CD กรุณาตรวจสอบให้แน่ใจว่าเครื่องเล่นซีดีนั้นปิดอยู่
• قبل توصيل مبدّل الاسطوانة المدمجة، تأكد من ايقاف الوحدة عن التشغيل.

Subwoofer / 超低音揚聲器 / ซับวูฟเฟอร์ / سماعة الزيقر القرعية

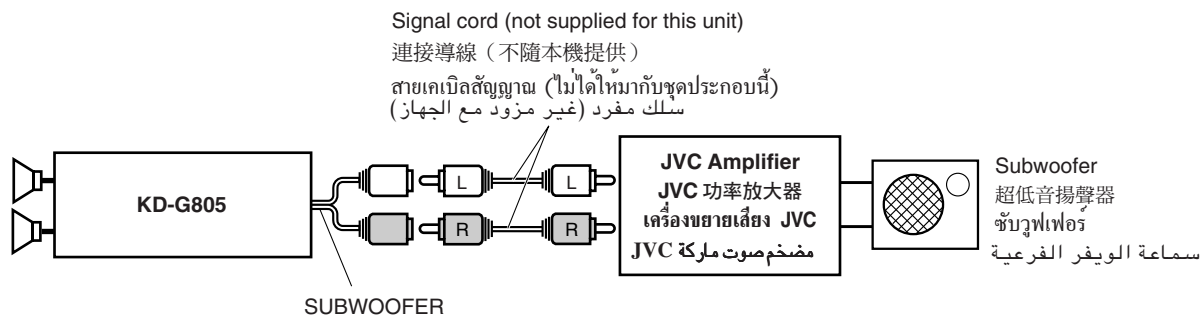You can connect a subwoofer through an amplifier to reinforce the bass.
• For their connections, refer to the instructions supplied with your subwoofer.
你可以連接放大器和其他裝置以加強你的汽車音響系統功能。
• 請按照超低音揚聲器的操作手冊進行連接。
คุณสามารถต่อเครื่องขยายและอุปกรณ์อื่น ๆ เพื่ออัพเกรดระบบเครื่องเสียงในรถยนต์ของคุณได้
• รายละเอียดเกี่ยวกับการต่อ โปรดดูคำแนะนำที่ให้มากับซับวูฟเฟอร์
يمكنك تركيب تركيب مضخم صوت لتحديثخم صوت لتحديث جهار ستيريو سيارتك.
• من اجل التوصيلات، ارجع الى كتيب التعيمات المرفقة مع سماعة الويفر الفرعية.

Signal cord (not supplied for this unit)
連接導線（不隨本機提供）
สายเคเบิลสัญญาณ (ไม่ได้ให้มากับชุดประกอบนี้)
سلك مفرد (غير مزوّد مع الجهاز)

KD-G805

L L
R R

JVC Amplifier
JVC 功率放大器
เครื่องขยายเสียง JVC
مضخم صوت ماركة JVC

Subwoofer
超低音揚聲器
ซับวูฟเฟอร์
سماعة الويفر الفرعية

SUBWOOFER

External Component / 外接部件 / อุปกรณ์ภายนอก / جهاز الكمبوننات الخارجي

*4 Line Input Adapter KS-U57 (not supplied for this unit)
*4 線輸入適配器KS-U57（不隨本機提供）
*4 อะแดปเตอร์สายสัญญาณเข้า KS-U57 (ไม่ได้ให้มากับชุดประกอบนี้)
‏٤* مهايئ، دخل الخط KS-U57 (غير مزود مع عذا الجهاز)

KS-U57 *4

KD-G805

CD changer jack
CD 換碟器插座
ช่องเสียบตลอดของเครื่องเล่นซีด CD
CD مقبس مبدّل الاسطوانة المدمجة

Signal cord (not supplied for this unit)
連接導線（不隨本機提供）
สายเคเบิลสัญญาณ (ไม่ได้ให้มากับชุดประกอบนี้)
سلك مفرد (غير مزوّد مع الجهاز)

External component
外接部件
อุปกรณ์ภายนอก
جهاز الكمبوننات الخارجي

L
R

4