JVC

ENGLISH

ไทย

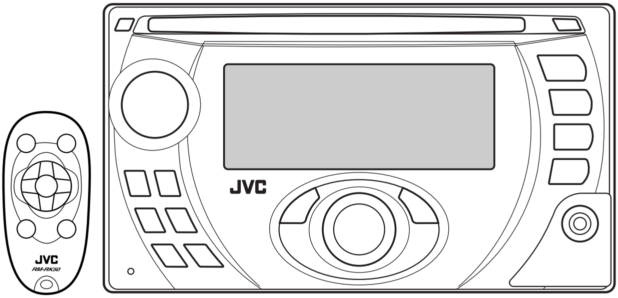
CD RECEIVER KW-XG506/KW-XG505

เครื่องเล่น CD KW-XG506/KW-XG505

WMA

MP3

COMPACT disc DIGITAL AUDIO TEXT



For canceling the display demonstration, see page 4.
ดูที่หน้า 4 เพื่อยกเลิกการสาธิตภาพประกอบ

For installation and connections, refer to the separate manual.
กรุณาดูคู่มือที่แยกต่างหาก ในการติดตั้งและการเชื่อมต่อ

INSTRUCTIONS
คำแนะนำ

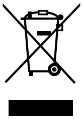
GET0463-001A
[U/UH]

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.

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/or invisible class 1M laser radiation when open. Do not view directly with optical instruments.
4. REPRODUCTION OF LABEL: CAUTION LABEL, PLACED OUTSIDE THE UNIT.

CAUTION	ATTENTION	AVISO	VARNING	注意	CAUTION
VISIBLE AND/OR INVISIBLE CLASS 1M LASER RADIATION WHEN OPEN. DO NOT VIEW DIRECTLY WITH OPTICAL INSTRUMENTS. IEC60825-1:2001 (ENG)	RAYONNEMENT LASER VISIBLE ET/OU INVISIBLE DE CLASSE 1M UNE FOIS OUVERT. NE PAS REGARDER DIRECTEMENT AVEC DES INSTRUMENTS OPTIQUES. (FRA)	RADIACIÓN LÁSER DE CLASE 1M VISIBLE Y/O INVISIBLE CUANDO ESTÁ ABIERTO. NO MIRAR DIRECTAMENTE CON INSTRUMENTAL ÓPTICO. (ESP)	SYNLIG OCH/ELLER OSYNLIG LASERSTRÅLNING, KLASS 1M, NÄR DENNA DEL ÄR ÖPPNAD. BETRAKTA EJ STRÅLEN MED OPTISKA INSTRUMENT. (SWE)	ここを開くと可視及び/または不可視のクラス1Mレーザー放射が出ます。光学装置で直接見ないでください。 (JPN)	VISIBLE AND/OR INVISIBLE CLASS Ⅱ LASER RADIATION WHEN OPEN. DO NOT STARE INTO BEAM. FDA 21 CFR (ENG)



[European Union only]

Warning:

If you need to operate the unit while driving, be sure to look around carefully or you may be involved in a traffic accident.

For safety...

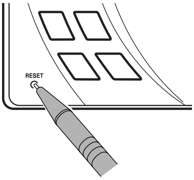
- Do not raise the volume level too much, as this will block outside sounds, making driving dangerous.
- Stop the car before performing any complicated operations.

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.

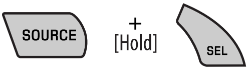
The control panel illustrations used for explanation in this manual is KW-XG506.

How to reset your unit



- *Your preset adjustments will also be erased.*

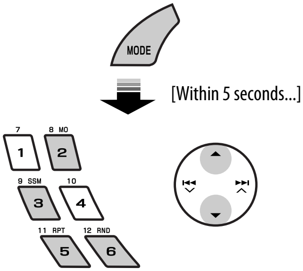
How to forcibly eject a disc



- *Be careful not to drop the disc when it ejects.*
- *If this does not work, reset your unit.*

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.



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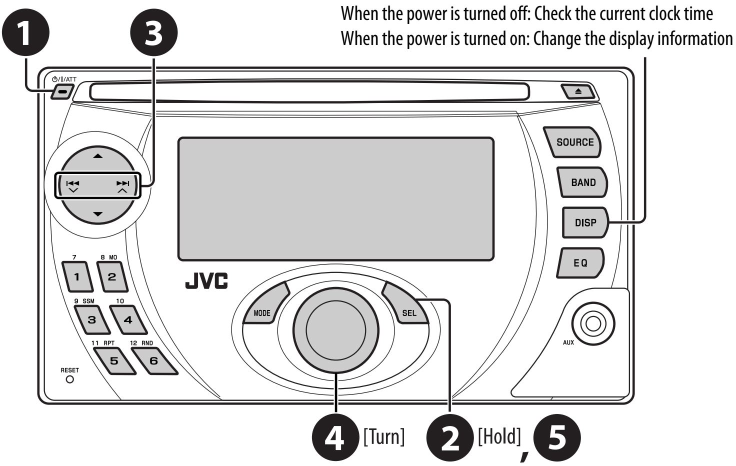
Preparation

Cancel the display demonstration and set the clock

- See also page 18.


❶
❸
When the power is turned off: Check the current clock time
When the power is turned on: Change the display information
⏻/I/ATT
SOURCE
BAND
DISP
EQ
JVC
MODE
SEL
7
8 MO
1
2
9 SSM
10
3
4
11 RPT
12 RND
5
6
RESET
AUX
❹ [Turn]
❷ [Hold], ❺

❶ **Turn on the power.**

❷ **Enter the PSM settings.**

❸ ⇨ ❹ **Cancel the display demonstrations**
Select “DEMO,” then “DEMO OFF.”

Set the clock
Select “CLOCK H” (hour), then adjust the hour.
Select “CLOCK M” (minute), then adjust the minute.

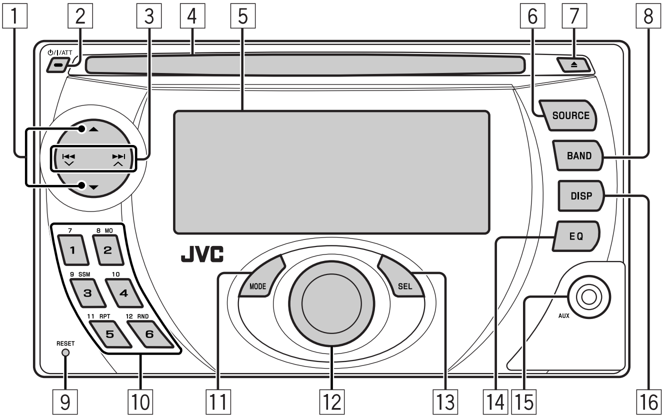
❺ **Finish the procedure.**

Caution on volume setting:

Discs produce very little noise compared with other sources. Lower the volume before playing a disc to avoid damaging the speakers by the sudden increase of the output level.

Basic operations

Using the control panel



1
- **FM/AM**: Select preset station.
- **CD/CD-CH**: Select folder.
- **IPOD/D.PLAYER**: Enter the main menu/Pause or stop playback/Confirm selection.

2
- Turn on the power.
- Turn off the power [Hold].
- Attenuate the sound (if the power is on).

3
- **FM/AM**: Search for station.
- **CD/CD-CH**: Select track.
- **IPOD/D.PLAYER**: Select track.

4 Loading slot

5 Display window

6 Select the source.
FM/AM → **CD*** → **CD-CH*/IPOD*/D.PLAYER*** (or **EXT IN**) → **AUX IN** → (back to the beginning)
* *You cannot select these sources if they are not ready or not connected.*

7 Eject disc.

8 Select the bands.

9 Reset button

10
- **FM/AM**: Select preset station.
- **CD/CD-CH**: Select folder/track/disc (for CD changer).

11 Enter functions mode.
Press MODE, then one of the following buttons (within 5 seconds)...
MO : Turn on/off monaural reception.
SSM : Automatic station presetting [Hold].
RPT : Select repeat play.
RND : Select random play.
▲/▼ : Skip 10 tracks.

12 Volume control [Turn].

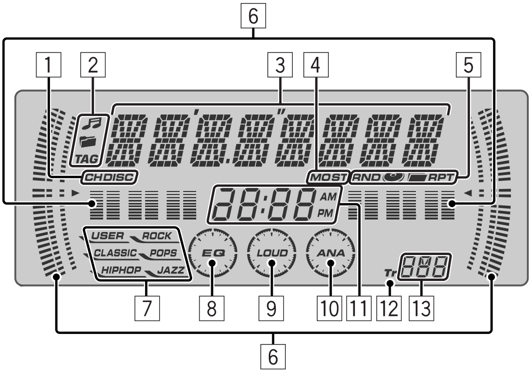
13
- Enter the PSM settings [Hold].
- Adjust the sound mode.

14 Select the sound mode.

15 AUX (auxiliary) input jack

16 Change the display information.

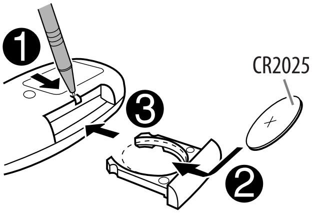
Display window


6
1
2
3
4
5
TAG
CHDISC
MOST
RND
RPT
AM
PM
USER
ROCK
CLASSIC
POPS
HIPHOP
JAZZ
EQ
LOUD
ANA
Tr
7
8
9
10
11
12
13
6

1 Playback source indicators
2 Track information indicators
3 Main display
(Menu, playback information)
4 Tuner reception indicators
5 Playback mode/item indicators
(Random/Repeat)
6 • Spectrum analyzer meter
• Volume level indicator
7 Sound mode indicators
8 Equalizer indicator
9 Loudness indicator
10 Analyzer indicator
11 Clock indicator
12 Track indicator
13 Source display/Preset No./Track No./Folder No./
Disc No.

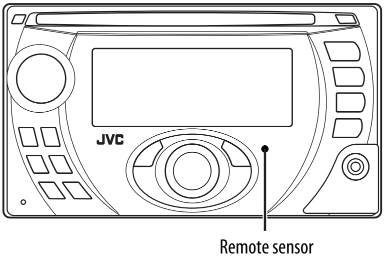
Using the remote controller (RM-RK50)

Installing the lithium coin battery (CR2025)



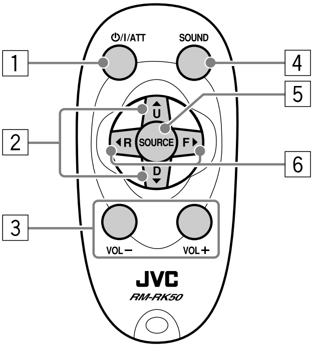
Before using the remote controller:

- Aim the remote controller directly at the remote sensor on the unit.
- DO NOT expose the remote sensor to bright light (direct sunlight or artificial lighting).


JVC
Remote sensor

Warning:
To prevent accidents and damage

- Do not install any battery other than CR2025 or its equivalent.
- Do not leave the remote controller in a place (such as dashboards) exposed to direct sunlight for a long time.
- Store the battery in a place where children cannot reach.
- Do not recharge, short, disassemble, heat the battery, or dispose of it in a fire.
- Do not leave the battery with other metallic materials.
- Do not poke the battery with tweezers or similar tools.
- Wrap the battery with tape and insulate when throwing away or saving it.



1
- Turns the power on if pressed briefly or attenuates the sound when the power is on.
- Turns the power off if pressed and held.

2
- Changes the FM/AM bands with ▲ U.
- Changes the preset stations with D ▼.
- Changes the folder of the MP3/WMA.
- While playing an MP3 disc on an MP3-compatible CD changer:
  – Changes the disc if pressed briefly.
  – Changes the folder if pressed and held.
- While listening to an Apple iPod or a JVC D. player:
  – Pauses/stops or resumes playback with D ▼.
  – Enters the main menu with ▲ U.
    (Now ▲ U/D ▼/◄ R/F ► work as the menu selecting buttons.)*

* ▲ U : *Returns to the previous menu.*
D ▼ : *Confirms the selection.*

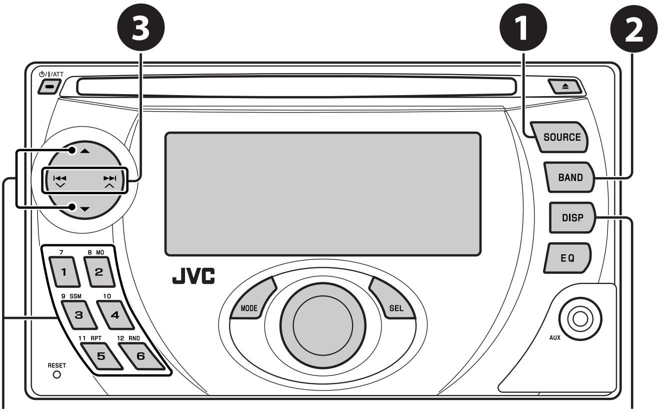
3 Adjusts the volume level.

4 Selects the sound mode (iEQ: intelligent equalizer).

5 Selects the source.

6
- Searches for stations if pressed briefly.
- Fast-forwards or reverses the track if pressed and held.
- Changes the tracks if pressed briefly.
- While listening to an iPod or a D. player (in menu selecting mode):
  – Selects an item if pressed briefly. (Then, press D ▼ to confirm the selection.)
  – Skips 10 items at a time if pressed and held.

Listening to the radio


3
1
2
⏻/I/ATT
SOURCE
BAND
DISP
EQ
JVC
MODE
SEL
AUX
RESET
7
8 MO
1
2
9 SSM
10
3
4
11 RPT
12 RND
5
6

Select preset station.

Change the display information

❶ **Select "FM/AM."**

❷ **Select the bands.**

→ FM1 → FM2 → FM3 → AM ┘

❸ **Search for a station to listen—Auto Search.**

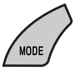
Manual Search: Hold either one of the buttons until "M" flashes on the display, then press it repeatedly.

Lights up when receiving an FM stereo broadcast with sufficient signal strength.

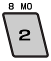
* *If no title is assigned to a station, "NO NAME" appears. To assign a title to a station, see page 19.*

When an FM stereo broadcast is hard to receive

1



2



→ MONO → MONO OFF (Canceled) ┘

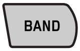
Reception improves, but stereo effect will be lost.

- MO indicator lights up.

FM station automatic presetting—SSM (Strong-station Sequential Memory)

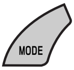
You can preset up to six stations for each band.

1

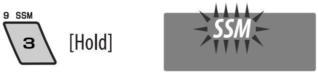


→ FM1 → FM2 → FM3 → AM ┘

2



3



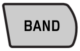
[Hold]

Local FM stations with the strongest signals are searched and stored automatically in the FM band.

Manual presetting

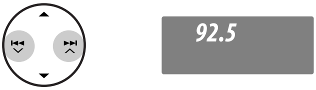
Ex.: Storing FM station of 92.5 MHz into preset number 4 of the FM1 band.

1

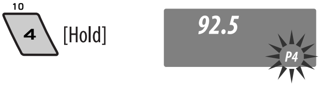


→ FM1 → FM2 → FM3 → AM ⏎

2



3

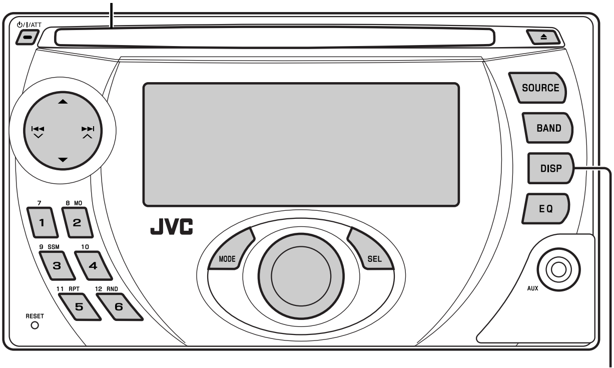


[Hold]

Disc operations

Insert the disc.

Playback starts automatically.


⏻/I/ATT
JVC
SOURCE
BAND
DISP
EQ
AUX
MODE
SEL
7
8 MO
1
2
9 SSM
10
3
4
11 RPT
12 RND
5
6
RESET

Change the display information

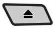
- **MP3/WMA:** Album name/performer (folder name*1) → Track title (file name*1) → Elapsed playing time and Current track number → (back to the beginning)
- **Audio CD/CD Text:** Disc title/performer*2 → Track title*2 → Elapsed playing time and Current track number → (back to the beginning)

*1 *If the file does not have Tag information or "TAG DISP" is set to "TAG OFF" (see page 19), folder name and file name appear. TAG indicator will not light up.*

*2 *"NO NAME" appears for an audio CD.*

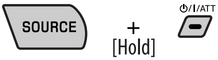
Continued on the next page

To stop play and eject the disc



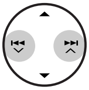
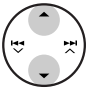
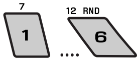
- Press SOURCE to listen to another playback source.

Prohibiting disc ejection



To cancel the prohibition, repeat the same procedure.

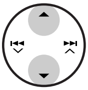
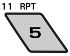
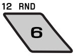
Pressing (or holding) the following buttons allows you to...

Disc type			 (Number buttons) [*1]
MP3/WMA	*Press:* Select track *Hold:* Reverse/fast-forward track	Select folder	Locate particular folder directly [*2]
Audio CD/ CD Text	*Press:* Select track *Hold:* Reverse/fast-forward track	—	Locate particular track directly

[*1] *Press to select number 1 to 6; hold to select number 7 to 12.*

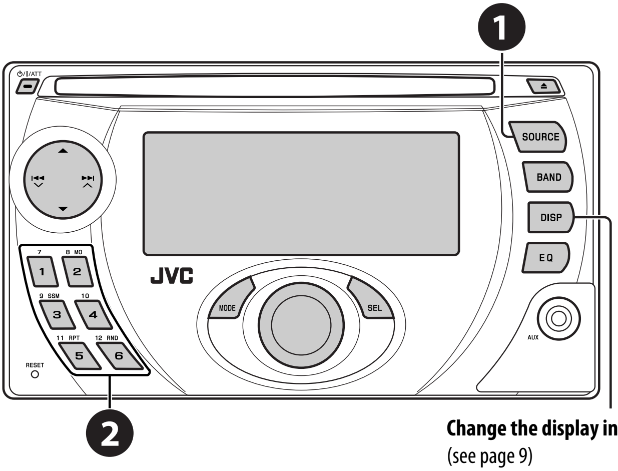
[*2] *It is required that folders be assigned with 2-digit numbers at the beginning of their folder names—01, 02, 03, and so on.*

After pressing MODE, press the following buttons to...

Disc type			
MP3/WMA	Skip 10 tracks (within the same folder)	**TRK RPT**: Repeat current track **FLDR RPT**: Repeat current folder	**FLDR RND**: Randomly play all tracks of current folder, then tracks of next folders **DISC RND**: Randomly play all tracks
Audio CD/ CD Text	Skip 10 tracks	**TRK RPT**: Repeat current track	**DISC RND**: Randomly play all tracks

- To cancel repeat play or random play, select "**RPT OFF**" or "**RND OFF**."

Listening to the CD changer



Change the display information
(see page 9)

It is recommended to use a JVC MP3-compatible CD changer with your unit. You can connect a CD changer to the CD changer jack on the rear of the unit. See also page 15.

- You can only play conventional CDs (including CD Text) and MP3 discs.

Preparation

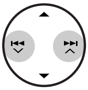
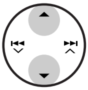
Make sure "CHANGER" is selected for the external input setting, see page 18.

❶ **Select "CD-CH."**

❷ **Select a disc to start playing.**

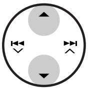
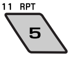
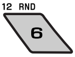
Press: For selecting disc number 1 – 6.
Hold: For selecting disc number 7 – 12.

Pressing (or holding) the following buttons allows you to...

Disc type		
MP3	*Press:* Select track *Hold:* Reverse/fast-forward track	Select folder
CD	*Press:* Select track *Hold:* Reverse/fast-forward track	—

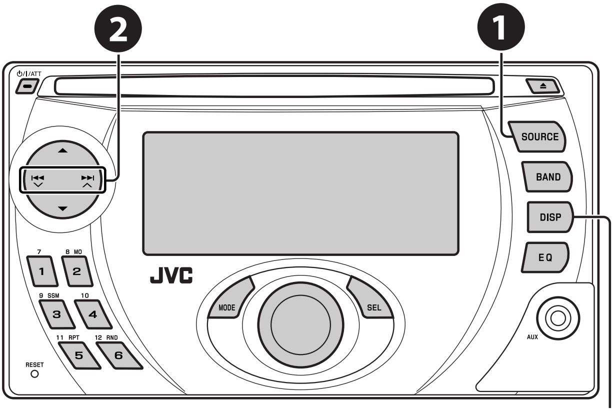
Continued on the next page

After pressing MODE, press the following buttons to...

Disc type			
	Skip 10 tracks (within the same folder)	**TRK RPT**: Repeat current track **FLDR RPT**: Repeat all tracks of current folder **DISC RPT**: Repeat all tracks of the current disc	**FLDR RND**: Randomly play all tracks of current folder, then tracks of next folders **DISC RND**: Randomly play all tracks of current disc **MAG RND**: Randomly play all tracks of the inserted discs
	Skip 10 tracks	**TRK RPT**: Repeat current track **DISC RPT**: Repeat all tracks of the current disc	**DISC RND**: Randomly play all tracks of current disc **MAG RND**: Randomly play all tracks of the inserted discs

- To cancel repeat play or random play, select “**RPT OFF**” or “**RND OFF**.”

Listening to the iPod / D. player



Change the display information

Before operating, connect either one of the following (separately purchased) to the CD changer jack on the rear of this unit. See also page 15.

- **Interface adapter for iPod**—KS-PD100 for controlling an iPod.
- **D. player interface adapter**—KS-PD500 for controlling a D. player.

Preparations

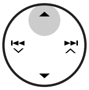
Make sure “CHANGER” is selected for the external input setting, see page 18.

❶ **Select “IPOD” or “D. PLAYER.”**

❷ **Select a song to start playing.**

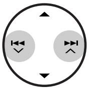
Selecting a track from the menu

1 Enter the main menu.



- This mode will be canceled if no operations are done for about 5 seconds.

2 Select the desired menu.



For iPod:

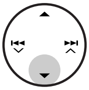
PLAYLIST ↔ ARTISTS ↔ ALBUMS ↔ SONGS ↔ GENRES ↔ COMPOSER ↔ (back to the beginning)

For D. player:

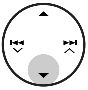
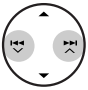
PLAYLIST ↔ ARTIST ↔ ALBUM ↔ GENRE ↔ TRACK ↔ (back to the beginning)

Continued on the next page

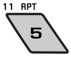
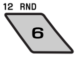
3 Confirm the selection.



- To move back to the previous menu, press ▲.
- If a track is selected, playback starts automatically.
- Holding |◀◀ ∨/▶▶| ∧ can skip 10 items at a time.

	Pause/stop playback • To resume playback, press the button again.
	*Press*: Select tracks *Hold*: Reverse/fast-forward track

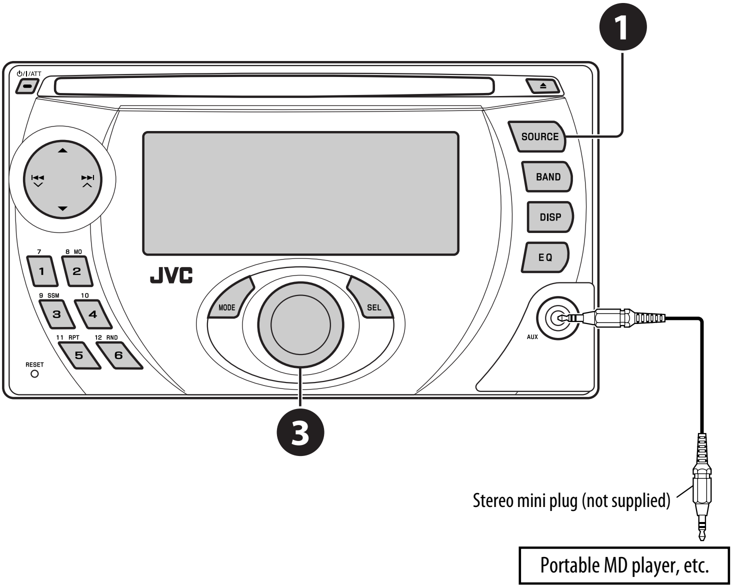
After pressing MODE, press the following buttons to...

	**ONE RPT**: Functions the same as "Repeat One" or "Repeat Mode → One." **ALL RPT**: Functions the same as "Repeat All" or "Repeat Mode → All."
	**ALBM RND** *: Functions the same as "Shuffle Albums" of the iPod. **SONG RND/RND ON**: Functions the same as "Shuffle Songs" or "Random Play → On."

- To cancel repeat play or random play, select "**RPT OFF**" or "**RND OFF**."

* *iPod: Functions only if you select "ALL" in "ALBUMS" of the main "MENU."*

Listening to the other external components


1
⏻/I/ATT
SOURCE
BAND
DISP
EQ
AUX
JVC
MODE
SEL
7
8 MO
1
2
9 SSM
10
3
4
11 RPT
12 RND
5
6
RESET
3
Stereo mini plug (not supplied)
Portable MD player, etc.

You can connect an external component to:

- CD changer jack on the rear using the following adapters:
  – **Line Input Adapter**—KS-U57
  – **AUX Input Adapter**—KS-U58

  Make sure “EXT IN” is selected for the external input setting, see page 18.
- AUX (auxiliary) input jack on the control panel.

❶ **Select “EXT IN” or “AUX IN.”**

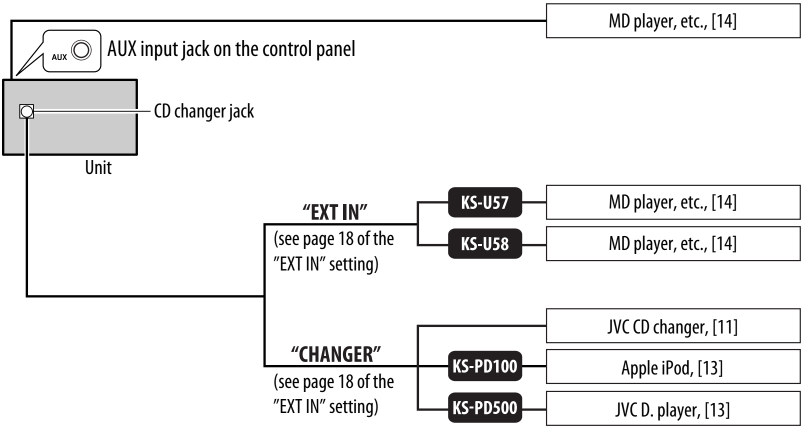
❷ **Turn on the connected component and start playing the source.**

❸ **Adjust the volume.**

❹ **Adjust the sound as you want (see pages 16 and 17).**

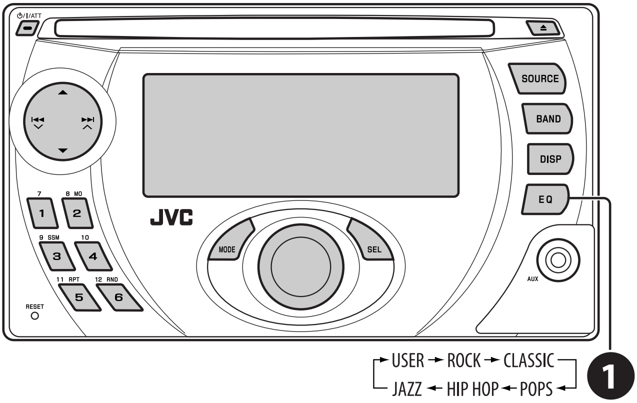
Concept diagram of the external device connection

- For connection, see Installation/Connection manual (separate volume).


MD player, etc., [14]
AUX
AUX input jack on the control panel
CD changer jack
Unit
“EXT IN”
(see page 18 of the ”EXT IN” setting)
KS-U57
KS-U58
MD player, etc., [14]
MD player, etc., [14]
“CHANGER”
(see page 18 of the ”EXT IN” setting)
KS-PD100
KS-PD500
JVC CD changer, [11]
Apple iPod, [13]
JVC D. player, [13]

▬ : Adapter (separately purchased)

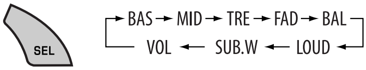
Selecting a preset sound mode


⏻/I/ATT
SOURCE
BAND
DISP
EQ
JVC
MODE
SEL
AUX
RESET
7
8 MO
9 SSM
10
11 RPT
12 RND
1
2
3
4
5
6
USER → ROCK → CLASSIC
JAZZ ← HIP HOP ← POPS
1

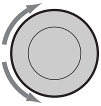
Indication (For) / Preset values	**BAS** (bass)	**MID** (mid-range)	**TRE** (treble)	**LOUD** (loudness)
USER (Flat sound)	00	00	00	OFF
ROCK (Rock or disco music)	+03	00	+02	ON
CLASSIC (Classical music)	+01	00	+03	OFF
POPS (Light music)	+02	+01	+02	OFF
HIP HOP (Funk or rap music)	+04	–02	+01	ON
JAZZ (Jazz music)	+03	00	+03	OFF

Adjusting the sound

1



2 Adjust the level.


[Turn]

BAS *1 (bass) Adjust the bass.	–06 to +06
MID *1 (mid-range) Adjust the mid-range frequencies sound level.	–06 to +06
TRE *1 (treble) Adjust the treble.	–06 to +06
FAD *2 (fader) Adjust the front and rear speaker balance.	R06 to F06
BAL *3 (balance) Adjust the left and right speaker balance.	L06 to R06
LOUD *1 (loudness) Boost low and high frequencies to produce a well-balanced sound at low volume level.	LOUD ON or LOUD OFF
SUB.W (subwoofer) Adjust the subwoofer output level.	00 to 08, initial: 04
VOL (volume) Adjust the volume.	00 to 30 (or 50) *4

*1 *When you adjust the bass, mid-range, treble, or loudness, the adjustment you have made is stored for the currently selected sound mode (iEQ) including "USER."*

*2 *If you are using a two-speaker system, set the fader level to "00."*

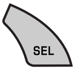
*3 *The adjustment will not affect the subwoofer output.*

*4 *Depending on the amplifier gain control setting. (See page 19 for details.)*

General settings—PSM

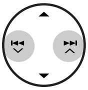
You can change PSM (Preferred Setting Mode) items listed in the table on pages 18 and 19.

1 Enter the PSM settings.

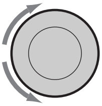


[Hold]

2 Select a PSM item.

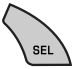


3 Select or adjust the selected PSM item.


[Turn]

4 Repeat steps 2 and 3 to adjust other PSM items if necessary.

5 Finish the procedure.



Continued on the next page

Indication	**Item** (__: Initial)	**Setting, [reference page]**
DEMO Display demonstration	• **DEMO ON** • **DEMO OFF**	: Display demonstration will be activated automatically if no operation is done for about 20 seconds, [4]. : Cancels.
SCREEN Spectrum analyzer screen	**METER 1, METER 2, METER 3, METER 4, METER 5, SAVER 1, SAVER 2, OFF**	: You can select the different spectrum analyzer screen during playback. METER 1 – METER 5: The spectrum analyzer meter changes according to the audio input level. SAVER 1 – SAVER 2: The spectrum analyzer meter changes the pattern repeatedly. OFF: Cancels.
CLK DISP *1 Clock display	• **ON** • **OFF**	: Clock time is shown on the display at all times when the power is turned off. : Cancels; pressing DISP will show the clock time for about 5 seconds when the power is turned off, [4].
CLOCK H Hour adjustment	**1 – 12AM, 1 – 12PM**	: Initial: 1 (1:00AM), [4].
CLOCK M Minute adjustment	**00 – 59**	: Initial: 00 (1:00AM), [4].
DIMMER Dimmer	• **AUTO** • **ON** • **OFF**	: Dims the display when you turn on the headlights. : Activates dimmer. : Cancels.
TEL Telephone muting	• **MUTING 1/ MUTING 2** • **OFF**	: Select either one which mutes the sounds while using a cellular phone. : Cancels. • Playback pauses/mutes while telephone muting is working.
SCROLL *2 Scroll	• **ONCE** • **AUTO** • **OFF**	: Scrolls the track information once. : Repeats scrolling (at 5-second intervals). : Cancels. (Holding DISP can scroll the display regardless of the setting.)
WOOFER Subwoofer cutoff frequency	• **LOW** • **MID** • **HIGH**	: Frequencies lower than 95 Hz are sent to the subwoofer. : Frequencies lower than 140 Hz are sent to the subwoofer. : Frequencies lower than 185 Hz are sent to the subwoofer.
EXT IN *3 External input	• **CHANGER** • **EXT IN**	: To use a JVC CD changer, [11], or an Apple iPod/a JVC D. player, [13]. : To use any other external component than the above, [14].

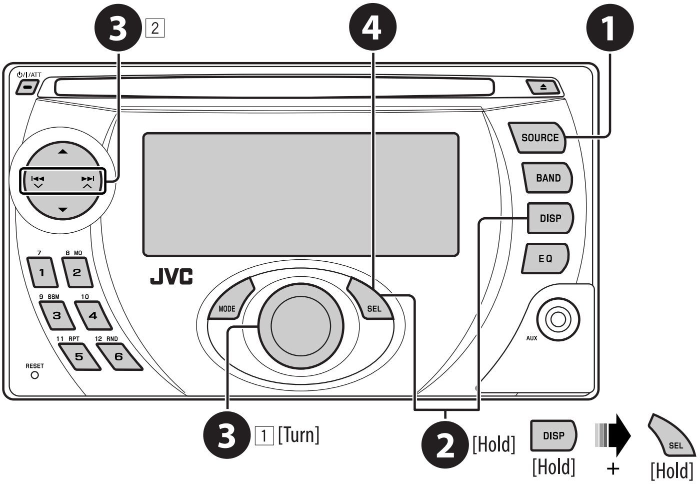
*1 *If the power supply is not interrupted by turning off the ignition key of your car, it is recommended to select "OFF" to save the car's battery.*

*2 *Some characters or symbols will not be shown correctly (or will be blanked) on the display.*

*3 *Displayed only when one of the following sources is selected—FM, AM, CD, or AUX IN.*

Indication	Item (__: Initial)	Setting, [reference page]
AUX ADJ Auxiliary input level adjustment	**A.ADJ 00 — A.ADJ 05**	: Adjust the auxiliary input level accordingly, to avoid the sudden increase of the output level when changing the source from external component connected to the AUX input jack on the control panel.
TAG DISP Tag display	• **TAG ON** • **TAG OFF**	: Shows the tag while playing MP3/WMA tracks. : Cancels.
AMP GAIN Amplifier gain control	• **LOW PWR** • **HIGH PWR**	: VOL 00 – VOL 30 (Select if the maximum power of each speaker is less than 50 W to prevent damaging the speaker.) : VOL 00 – VOL 50
IF BAND Intermediate frequency band	• **AUTO** • **WIDE**	: Increases the tuner selectivity to reduce interference noises between adjacent stations. (Stereo effect may be lost.) : Subject to interference noises from adjacent stations, but sound quality will not be degraded and the stereo effect will remain.

Assigning titles



You can assign titles to 30 station frequencies (FM and AM) and up to 8 characters for each title.

❶ **Select "FM/AM."**

❷ **Show the title entry screen.**

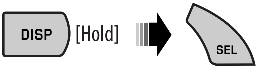
❸ **Assign a title.**

[1] Select a character (see page 23).
[2] Move to the next (or previous) character position.
[3] Repeat steps [1] and [2] until you finish entering the title.

❹ **Finish the procedure.**

To erase the entire title

In step ❷ on the left...



(Exit from the setting.)

Maintenance

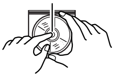
Moisture condensation

Moisture may condense on the lens inside the unit in the following cases:

- After starting the heater in the car.
- If it becomes very humid inside the car.

Should this occur, the unit may malfunction. In this case, eject the disc and leave the unit turned on for a few hours until the moisture evaporates.

How to handle discs



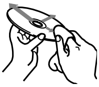
When removing a disc from its case, press down the center holder of the case and lift the disc out, holding it by the edges.

- 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.

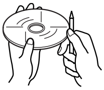
To keep discs clean



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

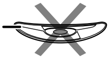
- Do not use any solvent (for example, conventional record cleaner, spray, thinner, benzine, etc.) to clean discs.

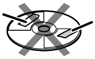
To play new discs

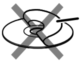


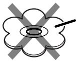
New discs may have some rough spots around the inner and outer edges. If such a disc is used, this unit may reject the disc.
To remove these rough spots, rub the edges with a pencil or ball-point pen, etc.

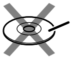
Do not use the following discs:











More about this unit

General

Turning on the power

- By pressing SOURCE on the unit, you can also turn on the power. If the source is ready, playback also starts.

Turning off the power

- 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.

FM/AM

Storing stations in memory

- During SSM search...
  - – Received stations are preset in No. 1 (lowest frequency) to No. 6 (highest frequency).
  - – When SSM is over, the station stored in No. 1 will be automatically tuned in.
- When storing stations, the previously preset stations are erased and stations are stored newly.

Disc

Caution for DualDisc playback

- The Non-DVD side of a “DualDisc” does not comply with the “Compact Disc Digital Audio” standard. Therefore, the use of Non-DVD side of a DualDisc on this product may not be recommended.

General

- This unit has been designed to reproduce CDs/CD Texts, and CD-Rs (Recordable)/CD-RWs (Rewritable) in audio CD (CD-DA), MP3 and WMA formats.
- When a disc is inserted upside down, “PLEASE” and “EJECT” appear alternately on the display. Press ⏏ to eject the disc.
- While fast-forwarding or reversing on an MP3 or WMA disc, you can only hear intermittent sounds.

Ejecting a disc

- If the ejected disc is not removed within 15 seconds, the disc is automatically inserted again into the loading slot to protect it from dust. Playback starts automatically.
- After ejecting a disc, “NO DISC” appears and you cannot operate some of the buttons. Insert another disc or press SOURCE to select another playback source.

Playing a CD-R or CD-RW

- Use only “finalized” CD-Rs or CD-RWs.
- This unit can play back only files of the same type which are first detected if a disc includes both audio CD (CD-DA) files and MP3/WMA files.
- This unit can play back multi-session discs; however, unclosed sessions will be skipped while playing.
- Some CD-Rs or CD-RWs may not play back on this unit because of their disc characteristics, or for the following reasons:
  - – Discs are dirty or scratched.
  - – Moisture condensation occurs on the lens inside the unit.
  - – The pickup lens inside the unit is dirty.
  - – CD-R/CD-RW on which the files are written with “Packet Write” method.
  - – There are improper recording conditions (missing data, etc.) or media conditions (stained, scratched, warped, etc.).
- CD-RWs may require a longer readout time since the reflectance of CD-RWs is lower than that of regular CDs.
- Do not use the following CD-Rs or CD-RWs:
  - – Discs with stickers, labels, or a 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 humidities may cause malfunctions or damage to the unit.

Continued on the next page

Playing an MP3/WMA disc

- This unit can play back MP3/WMA files with the extension code <.mp3> or <.wma> (regardless of the letter case—upper/lower).
- This unit can show the names of albums, artists (performer), and ID3 Tag (Version 1.0, 1.1, 2.2, 2.3, or 2.4) for MP3 files and show WMA Tag.
- This unit can display only one-byte characters. No other characters can be correctly displayed.
- This unit can play back MP3/WMA files meeting the conditions below:
  - Bit rate of MP3: 8 kbps — 320 kbps
  - Sampling frequency of MP3:
    48 kHz, 44.1 kHz, 32 kHz (for MPEG-1)
    24 kHz, 22.05 kHz, 16 kHz (for MPEG-2)
    12 kHz, 11.025 kHz, 8 kHz (for MPEG-2.5)
  - Bit rate of WMA: 32 kbps — 192 kbps
  - Disc format: ISO 9660 Level 1/Level 2, Romeo, Joliet, Windows long file name
- The maximum number of characters for file/folder names vary among the disc format used (includes 4 extension characters—<.mp3> or <.wma>).
  - ISO 9660 Level 1: up to 12 characters
  - ISO 9660 Level 2: up to 31 characters
  - Romeo*: up to 128 (60) characters
  - Joliet*: up to 64 (30) characters
  - Windows long file name*: up to 128 (60) characters

* *The parenthetic figure is the maximum number of characters for file/folder names in case the total number of files and folders is 271 or more.*

- This unit can recognize a total of 512 files, of 200 folders, and of 8 hierarchies.
- This unit can play back files recorded in VBR (variable bit rate).
  Files recorded in VBR have a discrepancy in elapsed time display, and do not show the actual elapsed time. Especially, after performing the search function, this difference becomes noticeable.
- This unit cannot play back the following files:
  - MP3 files encoded with MP3i and MP3 PRO format.
  - MP3 files encoded in an inappropriate format.
  - MP3 files encoded with Layer 1/2.
  - WMA files encoded with lossless, professional, and voice format.
  - WMA files which are not based upon Windows Media® Audio.
  - WMA files copy-protected with DRM.
  - Files which have the data such as AIFF, ATRAC3, etc.
- The search function works but search speed is not constant.

Changing the source

- If you change the source, playback also stops.
  Next time you select the same source again, playback starts from where it has been stopped previously.

iPod or D. player

- When you turn on this unit, the iPod or D. player is charged through this unit.
- While the iPod or D. player is connected, all operations from the iPod or D. player are disabled. Perform all operations from this unit.
- The text information may not be displayed correctly.
- If the text information includes more than 8 characters, it scrolls on the display. This unit can display up to 40 characters.

Notice:
When operating an iPod or a D. player, some operations may not be performed correctly or as intended. In this case, visit the following JVC web site:
For iPod users: <http://www.jvc.co.jp/english/car/support/ks-pd100/index.html>
For D. player users: <http://www.jvc.co.jp/english/car/support/ks-pd500/index.html>

Title assignment

- If you try to assign titles to more than 30 station frequencies, “NAMEFULL” appears. Delete unwanted titles before assignment.

Available characters

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	0	1
2	3	4	5	6	7	8	9	–	/	<	>	space	

General settings—PSM

- “AUTO” setting for “DIMMER” may not work correctly on some vehicles, particularly on those having a control dial for dimming.
  In this case, change the “DIMMER” setting to any other than “AUTO.”
- If you change the “AMP GAIN” setting from “HIGH PWR” to “LOW PWR” while the volume level is set higher than “VOL 30,” the unit automatically changes the volume level to “VOL 30.”

Troubleshooting

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

	Symptom	Remedy/Cause
General	• Sound cannot be heard from the speakers.	• Adjust the volume to the optimum level. • Check the cords and connections.
	• The unit does not work at all.	Reset the unit (see page 3).
FM/AM	• SSM automatic presetting does not work.	Store stations manually.
	• Static noise while listening to the radio.	Connect the antenna firmly.
Discs in general	• Disc cannot be played back.	Insert the disc correctly.
	• CD-R/CD-RW cannot be played back. • Tracks on the CD-R/CD-RW cannot be skipped.	• Insert a finalized CD-R/CD-RW. • Finalize the CD-R/CD-RW with the component which you used for recording.
	• Disc can neither be played back nor ejected.	• Unlock the disc (see page 10). • Eject the disc forcibly (see page 3).
	• Disc sound is sometimes interrupted.	• Stop playback while driving on rough roads. • Change the disc. • Check the cords and connections.
	• “NO DISC” appears on the display.	Insert a playable disc into the loading slot.

Continued on the next page

	Symptom	Remedy/Cause
MP3/WMA	• Disc cannot be played back.	• Use a disc with MP3/WMA tracks recorded in the format compliant with ISO 9660 Level 1, Level 2, Romeo, or Joliet. • Add the extension code <.mp3> or <.wma> to the file names.
	• Noise is generated.	Skip to another track or change the disc. (Do not add the extension code <.mp3> or <.wma> to non-MP3/WMA tracks.)
	• A longer readout time is required ("CHECK" keeps flashing on the display).	Do not use too many hierarchies and folders.
	• Tracks do not play back in the order you have intended them to play.	Playback order is determined when files are recorded.
	• Elapsed playing time is not correct.	This sometimes occurs during play. This is caused by how the tracks are recorded on the disc.
	• "PLEASE" and "EJECT" appear alternately on the display.	Insert a disc that contains MP3/WMA tracks.
	• Correct characters are not displayed (e.g. album name).	This unit can only display letters (upper case), numbers, and a limited number of symbols.
CD changer	• "NO DISC" appears on the display.	Insert a disc into the magazine.
	• "NO MAG" appears on the display.	Insert the magazine.
	• "RESET 8" appears on the display.	Connect this unit and the CD changer correctly and press the reset button of the 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.	Reset the unit (see page 3).

	Symptom	Remedy/Cause
iPod/D. player	• The iPod or D. player does not turn on or does not work.	• Check the connecting cable and its connection. • Charge the battery. • Update the firmware version.
	• The sound is distorted.	Deactivate the equalizer either on this unit or the iPod/D. player.
	• “NO IPOD” or “NO DP” appears on the display.	• Check the connecting cable and its connection. • Charge the battery.
	• Playback stops.	The headphones are disconnected during playback. Restart the playback operation (see page 13).
	• No sound can be heard when connecting an iPod nano.	• Disconnect the headphones from the iPod nano. • Update the firmware version of the iPod nano.
	• No sound can be heard. • “ERROR 01” appears on the display when connecting a D. player.	Disconnect the adapter from the D. player. Then, connect it again.
	• “NO FILES” or “NO TRACK” appears on the display.	No tracks are stored. Import tracks to the iPod or D. player.
	• “RESET 1” – “RESET 7” appears on the display.	Disconnect the adapter from both this unit and iPod/ D. player. Then, connect it again.
	• “RESET 8” appears on the display.	Check the connection between the adapter and this unit.
	• The iPod’s or D. player’s controls do not work after disconnecting from this unit.	Reset the iPod or D. player.

- Microsoft and Windows Media are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries.
- iPod is a trademark of Apple Inc., registered in the U.S. and other countries.

Specifications

AUDIO AMPLIFIER SECTION	Maximum Power Output:	Front and rear:	50 W per channel
	Continuous Power Output (RMS):	Front and 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)
	Tone Control Range:	Bass:	±12 dB at 60 Hz
		Mid-range:	±12 dB at 1 kHz
		Treble:	±12 dB at 10 kHz
	Frequency Response:		40 Hz to 20 000 Hz
	Line-Out Level/Impedance:		2.5 V/20 kΩ load (full scale)
	Output Impedance:		1 kΩ
	Subwoofer-Out Level/Impedance:		2.5 V/20 kΩ load (full scale)
	Other Terminal:	CD changer, Subwoofer input, AUX (auxilliary) input jack	

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:	30 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): (approx.)	Installation Size:	178 mm × 100 mm × 158 mm
		Set Size:	178 mm × 100 mm × 178 mm
	Mass:		1.8 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

หากมีปัญหาในการใช้งาน

กรุณากดปุ่มตั้งค่าเริ่มต้นใหม่

กรุณาดูหน้าวิธีตั้งค่าเครื่องใหม่

EN, TH

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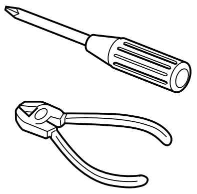
0407DTSMDTJEIN

JVC

KW-XG506/KW-XG505

Installation/Connection Manual
การติดตั้ง/คู่มือการติดตั้ง



GET0463-006A
[U/UH]

0407DTSMDTJEIN
EN, TH

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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.

WARNINGS

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.**

Notes:

- Replace the fuse with one of the specified rating. If the fuse blows frequently, consult your JVC car audio dealer.
- If noise is a problem...
  This unit incorporates a noise filter in the power circuit. However, with some vehicles, clicking or other unwanted noise may occur. If this happens, connect the unit's **rear ground terminal** to the car's chassis using shorter and thicker cords, such as copper braiding or gauge wire. If noise still persists, 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 19 of the INSTRUCTIONS).
- The heat sink becomes very hot after use. Be careful not to touch it when removing this unit.

ไทย

ชุดประกอบนี้ได้รับการออกแบบมาเพื่อใช้งานกับระบบ กระแสไฟฟ้าสายดินขั้วลบกระแสตรง **12 โวลท์ หากรถยนต์ของคุณไม่ได้ใช้ระบบนี้ ต้องใช้เครื่องแปลงกระแสไฟช่วย** ซึ่งสามารถหาซื้อได้จากร้านขายเครื่องเสียงรถยนต์ JVC

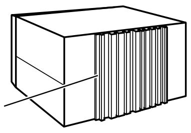
คำเตือน

เพื่อป้องกันการเกิดไฟฟ้าลัดวงจรขอแนะนำให้ปลดขั้วแบตเตอรี่ลบออกแล้วจึงต่อสายไฟก่อนติดตั้งเครื่อง

- **ตรวจสอบให้แน่ใจว่าได้เดินสายดินต่อระหว่างเครื่องกับตัวถัง รถยนต์ใหม่แล้วหลังจากติดตั้ง**

หมายเหตุ:

- ใช้พิกัดจำเพาะแทนฟิวส หากฟิวส์ขาดบ่อย ให้ปรึกษาร้า นขายเครื่องเสียงรถยนต์ JVC
- หากมีเสียงรบกวน...
  เครื่องรับสัญญาณรุ่นนี้ได้ประกอบอุปกรณ์กำจัดเสียงรบกวนไว้ที่แผงวงจร อย่างไรก็ตาม ในรถยนต์บางรุ่นอาจมีเสียงรบกวนเกิดขึ้น หากเกิดเสียงดังกล่าวขึ้น ให้ต่อขั้วต่อ**สายดินด้านหลัง**ของตัวเครื่อง ไปที่แชสซีของรถโดยใช้สายไฟที่หนามากขึ้นและสั้นลงเช่น สายเกจหรือลวดถักชุบทองแดง หากยังมีเสียบรบกวนดังกล่าวเกิดขึ้น โปรดติดต่อตัวแทนจำหน่ายเครื่องเสียงรถยนต์ JVC
- ขอแนะนำให้ต่อลำโพง ที่มีกำลังขับสงสุดเกินกว่า 50 W (ทั้งด้านหน้าและด้านหลัง มีค่าความต้านทาน **4 Ω ถึง 8 Ω**) ถ้ากำลังขับต่ำกว่า 50 W ให้เปลี่ยนค่า "AMP GAIN" เพื่อป้องกันไม่ให้ลำโพงชำรุด (ดูหน้า 19 คำแนะนำ)
- แผ่นระบายความร้อนจะร้อนมากหลังจากใช้ ระมัดระวังอย่าไป สัมผัสเมื่อถอดชุดประกอบนี้

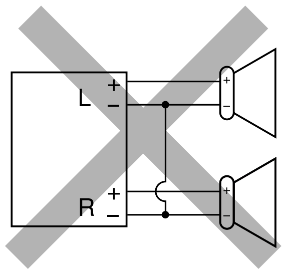


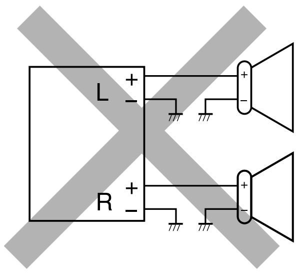
PRECAUTIONS on power supply and speaker connections:

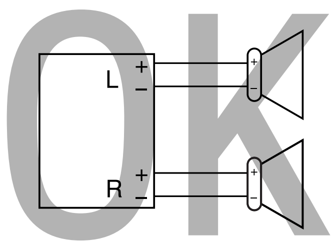
- **DO NOT connect the speaker leads of the power cord to the car battery; otherwise, the unit will be seriously damaged.**
- BEFORE connecting the speaker leads of the power cord to the speakers, check the speaker wiring in your car.

ข้อควรระวังสำหรับการต่อแหล่งจ่ายกำลังและลำโพง:

- **อย่าต่อสายตะกั่วเคเบิลกำลังของลำโพงเข้ากับแบตเตอรี่รถยนต์ มิฉะนั้น ชุดประกอบจะได้รับความเสียหายมาก**
- ก่อนที่จะต่อสายตะกั่วเคเบิลกำลังของลำโพงเข้ากับลำโพง ให้ตรวจสอบการเดินสายไฟลำโพงในรถของคุณให้เรียบร้อยเสียก่อน





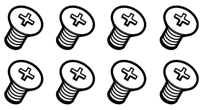


Parts list for installation and connection

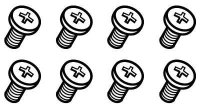
The following parts are provided for this unit. If any item is missing, consult your JVC car audio dealer immediately.

รายการส่วนประกอบสำหรับติดตั้งและเชื่อมต่อกัน

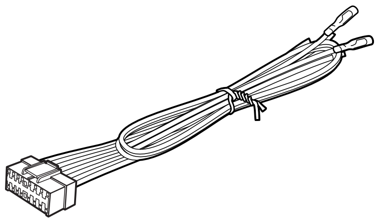
ส่วนประกอบต่อไปนี้ให้มากับชุดประกอบนี้ หากมีสิ่งใดไม่ครบ กรุณาปรึกษาตัวแทนจำหน่ายเครื่องเสียงติดรถยนต์ JVC โดยทันที



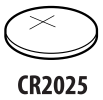
Flat countersunk screws (M5 × 8 mm)
สกรูหัวเรียบ (M5 x 8 มม.)



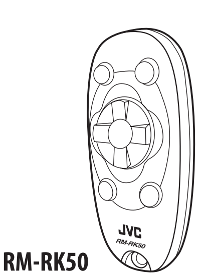
Binding screws (M5 × 8 mm)
สกรูยึด (M5 x 8 มม.)



Power cord
ายเคเบิลกำลัง



Battery
แบตเตอร



Remote controller
รีโมตคอนโทรล

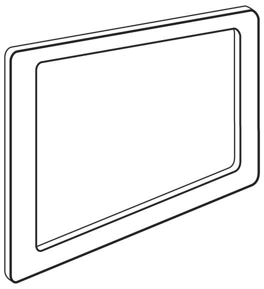
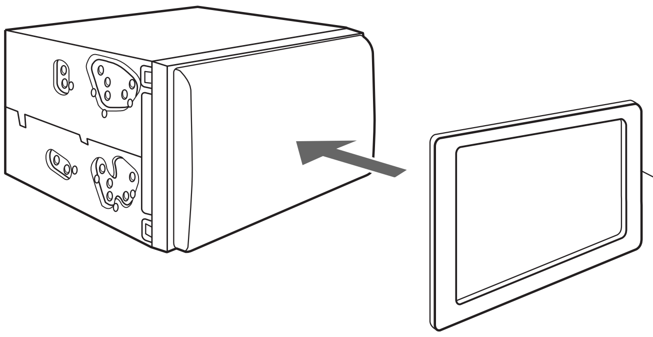


Plate for use with a Nissan car
แผ่นสำหรับใช้กับรถนิสสัน

When installating the unit in a Nissan car
เมื่อทำการติดตั้งในรถนิสสัน



Fix the supplied plate as illustrated.
ยึดแผ่นที่มีมาให้ ดังที่แสดงในภาพ

INSTALLATION (IN-DASH MOUNTING)

The following illustration shows a typical installation. However, you should make adjustments corresponding to your specific car. In this case consult the manual included with the installation kit.
In some case, depending of the type and the model of your car, it is not possible to install the unit into the center console. If you have any questions or require information regarding installation kits, consult your JVC car audio dealers or a company supplying kits.

- If you are not sure how to install this unit correctly, have it installed by a qualified technician.

Before installing the unit

- When mounting the unit, be sure to use the screws provided, as instructed. If other screws are used, there is a possibility that parts could become loose or damaged.
- When tightening screws or bolts be careful not to pinch any connection cord.

การติดตั้ง (การประกอบแผงหน้าปัทม์เข้า)

ภาพตัวอย่างต่อไปนี้แสดงการติดตั้งแบบทั่วไป อย่างไรก็ตามคุณสามารถทำการปรับได้ตามลักษณะของรถคุณ ในกรณีดังกล่าว
โปรดติดต่อขอคำแนะนำจากตัวแทนจำหน่ายเครื่องเสียง JVC หรือบริษัทที่จัดจำหน่ายชุดประกอบ
ในบางกรณี ขึ้นอยู่กับชนิดและรุ่นของรถยนต์ เพราะอาจติดตั้งเครื่องไว้ที่ตำแหน่งคอนโซลกลางไม่ได้
หากคุณมีข้อสงสัยหรือต้องการข้อมูลเพิ่มเติมเกี่ยวกับชุดประกอบ โปรดติดต่อตัวแทนจำหน่ายเครื่องเสียงรถยนต์ JVC
หรือบริษัทที่จัดจำหน่ายชุดประกอบ

- ชุดประกอบ ถ้าคุณไม่แน่ใจว่าติดตั้งชุดประกอบนี้ถูกต้องหรือไม่ ให้หาช่างผู้เชี่ยวชาญเป็นผู้ติดตั้ง

ก่อนการติดตั้งตัวเครื่อง

- เมื่อจะทำการติดตั้งตัวเครื่อง โปรดใช้สกรูที่แนบมาตามที่แนะนำ หากคุณยึดเครื่องด้วยสกรูแบบอื่น อาจทำให้ชิ้นส่วนหลวมหรือเกิดความเสียหายได้
- เมื่อจะขันแน่นสกรูหรือสลักเกลียว ต้องระวังไม่ให้หนีบสายเชื่อมต่อ

1 Remove the audio system originally installed together with the mounting brackets.
Note: Be sure to keep all the screws and parts removed from your car for future use.

2 Attach the mounting brackets (removed from the car), to this unit (see below).

3 Connect the wires (see diagram 🅰).

4 Fix this unit to the car using the screws removed in step ***1***.
- See "Caution" below.

The following example shown is for installation in a Toyota. For more details, consult your JVC car audio dealer.

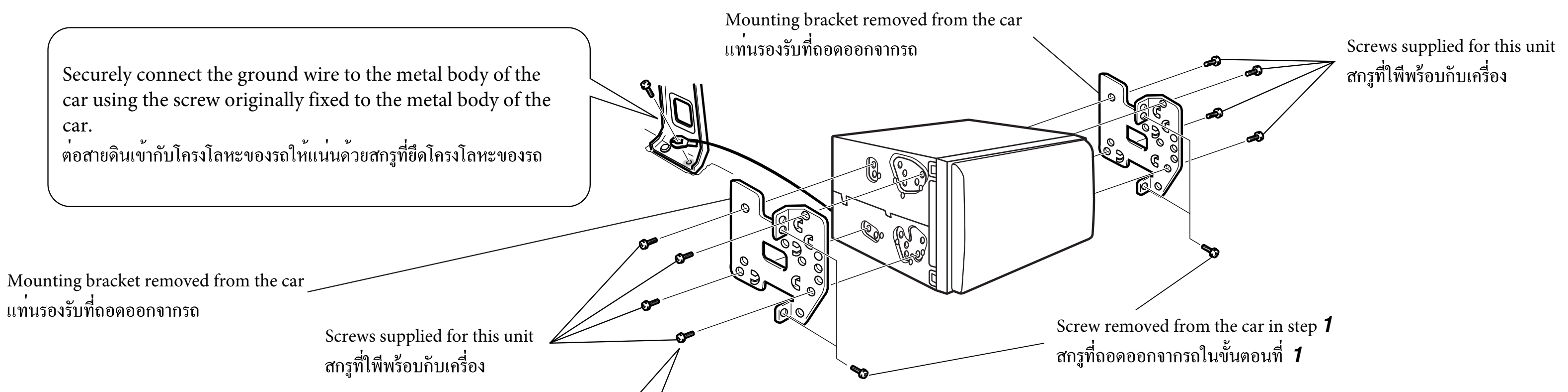
1 ถอดลำโพงที่ประกอบเข้าไปกับแท่นรองรับ
หมายเหตุ: โปรดเก็บสกรูและชิ้นส่วนทั้งหมดที่ถอดออกไว้ใช้งานในคราวต่อไป

2 ประกอบแท่นรองรับ (ที่ถอดออกจากรถ) เข้ากับตัวเครื่อง (โปรดดูด้านล่าง)

3 ต่อสายไฟ (ดูแผนภูม 🅰)

4 ยึดตัวเครื่องเข้ากับรถด้วยสกรูที่ถอดออกในขั้นตอนที่ ***1***
- โปรดอ่าน "ข้อควรระวัง" ด้านล่าง

ตัวอย่างต่อไปนี้เป็นการติดตั้งเครื่องรับสัญญาณในรถยนต์โตโยต้า สำหรับรายละเอียดเพิ่มเติม โปรดติดต่อขอคำแนะนำได้จากตัวแทนจำหน่ายเครื่องเสียงรถยนต์ JVC

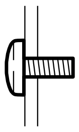

Mounting bracket removed from the car
แท่นรองรับที่ถอดออกจากรถ
Screws supplied for this unit
สกรูที่ให้พร้อมกับเครื่อง
Mounting bracket removed from the car
แท่นรองรับที่ถอดออกจากรถ
Screws supplied for this unit
สกรูที่ให้พร้อมกับเครื่อง
Screw removed from the car in step 1
สกรูที่ถอดออกจากรถในขั้นตอนที่ 1

Securely connect the ground wire to the metal body of the car using the screw originally fixed to the metal body of the car.
ต่อสายดินเข้ากับโครงโลหะของรถให้แน่นด้วยสกรูที่ยึดโครงโลหะของรถ

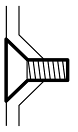
Screws supplied for this unit:

สกรูที่ให้พร้อมกับเครื่อง:

Select the proper screw type, fitting to your car.
เลือกใช้ชนิดสกรูให้เหมาะสมกับรถของคุณ



Binding screws (M5 × 8 mm)
สกรูยึด (M5 × 8 มม.)



Flat countersunk screws (M5 × 8 mm)
สกรูหัวเรียบ (M5 x 8 มม.)

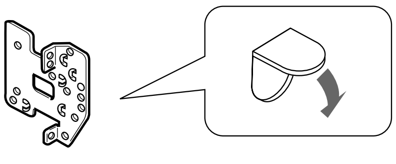
Caution:

To install the mounting brackets to the unit, use only the supplied screws (M5 x 8 mm).
If you use any screw longer than 8 mm, the unit can be damaged.

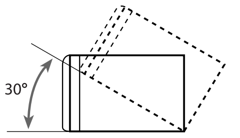
ข้อควรระวัง:

ในการประกอบแท่นรองรับกับตัวเครื่อง โปรดใช้สกรู (M5 x 8 มม.) ที่ให้มาเท่านั้น
หากคุณใช้สกรูที่ยาวกว่า 8 มม. อาจทำให้ตัวเครื่องได้รับความเสียหาย

If there is an interfering tab on the mounting bracket, bent it flat.
หากมีส่วนที่ยื่นออกมาจากแท่นรองรับ ให้ดัดส่วนดังกล่าวให้ราบลง



Install the unit at an angle of less than 30°.
ติดตั้งชุดประกอบที่มุมต่ำกว่า 30 องศา



TROUBLESHOOTING

- **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?

- **This unit becomes hot.**

* Is the speaker output lead grounded?
* Are the "–" terminals of L and R speakers grounded in common?

- **This unit does not work at all.**

* Have you reset your unit?

การตรวจสอบปัญหาขัดข้อง

- **ฟิวส์ขาด**

* มีการเชื่อม ายตะกั่วสีดำและสีแดงอย่างถูกต้องหรือไม่

- **ไม่สามารถเปิดเครื่องได้**

* มีการเชื่อมสายตะกั่วสีเหลืองหรือไม่

- **ไม่มีเสียงออกจากลำโพง**

* สายตะกั่วส่วนที่ออกทางลำโพงเกิดไฟฟ้าลัดวงจรหรือไม่

- **เสียงเพี้ยน**

* สายตะกั่วส่วนที่ออกทางลำโพงต่อลงดินหรือไม่
* สายขั้วลบ "–" ของลำโพงด้านซ้ายและขวาต่อลงดินตามปกติหรือไม่

- **เสียงรบกวน**

* มีการใช้สายสั้นๆ หรือหนาๆ ต่อจากเครื่องสวนที่ติดตั้ง ไว้บนพื้นด้านหลังกับตัวถังรถยนต์หรือไม่

- **ชุดประกอบร้อนขึ้น**

* สายตะกั่วส่วนที่ออกทางลำโพงต่อลงดินหรือไม่
* สายขั้วลบ "–" ของลำโพงด้านซ้ายและขวาต่อลงดินตามปกติหรือไม่

- **เครื่องรับนี้ทำงานไม**

* ท่านได้ตั้งเครื่องใหม่แล้วหรือยัง

ELECTRICAL CONNECTIONS

A Typical connections / การเชื่อมต่อแบบปกติ

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.

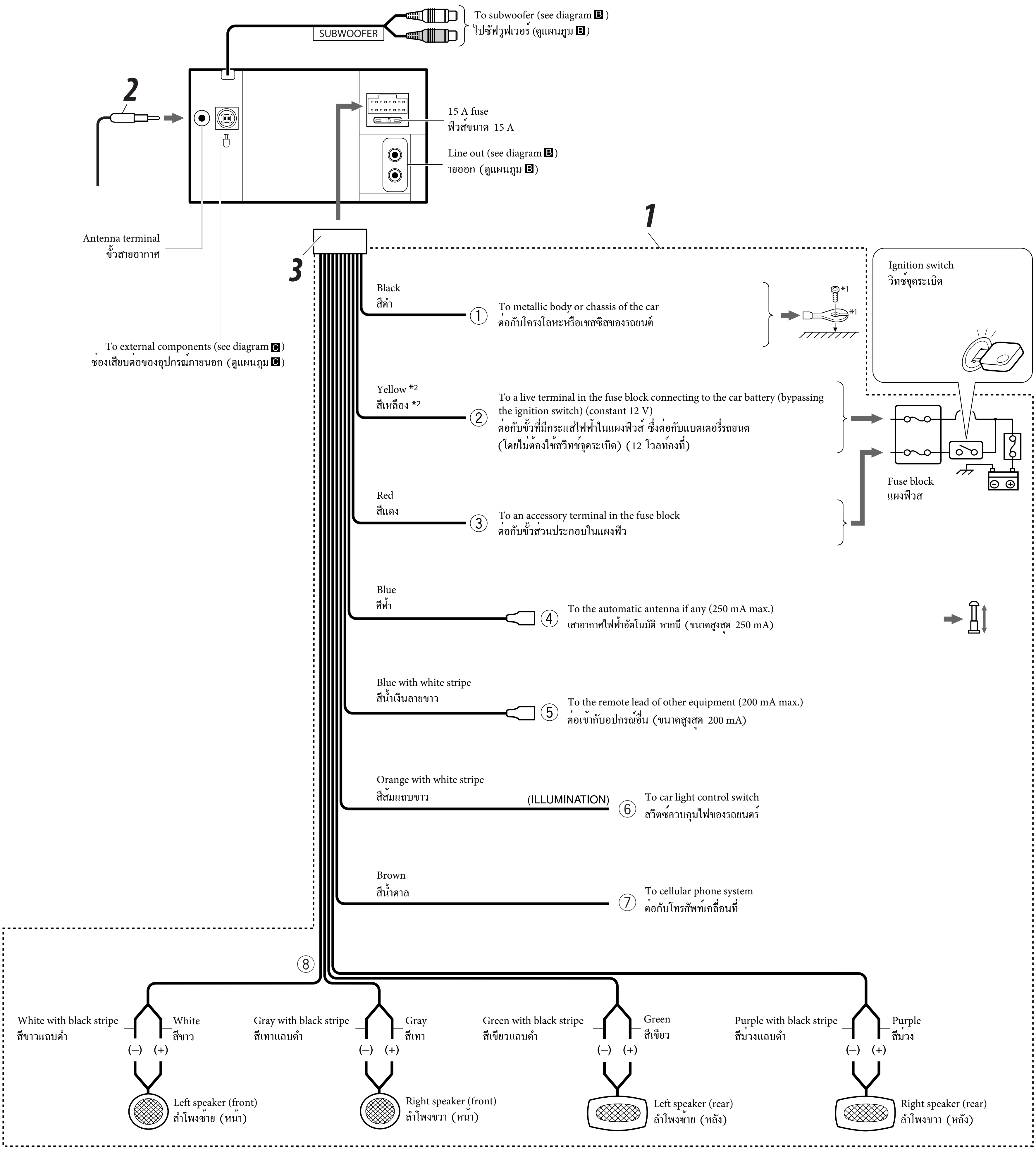
1. Connect the colored leads of the power cord in the order specified in the illustration below.
2. Connect the antenna cord.
3. Finally connect the wiring harness to the unit.

การเชื่อมโดยใช้ไฟฟ้า

ก่อตทำกาตเชต่อมต่อ: ตตวจ อตกาตเดิต ายไฟใตตยต์อย่างตะมัดตะวังย่าให้ผิดพตาดใตกาตเชต่อมต่อชุดปตะกอตชุดตี กาตเชต่อมต่อผิดพตาดอาจทำให้เกิดความเสียหายต้ายแตงกัตชุดปตะ

กอตตี้ได้าตตะกั่วของ ายไฟ แตะของอุปกตต์ต่อเชต่อมจากตัวต งตตอาจมี ที่ไม่เหมตอตกั

1. ต่อสายไฟสีตามลำดับที่ระบุในรูปด้านล่าง
2. เชื่อมต่อกับายอากาศ
3. สุดท้าย ต่อส่วนควบคุมการเดินสายไฟเข้ากับชุดประกอบชุดนี้



SUBWOOFER
To subwoofer (see diagram B)
ไปซัฟวูฟเวอร์ (ดูแผนภูม B)
2
15 A fuse
ฟิวส์ขนาด 15 A
15
Line out (see diagram B)
ายออก (ดูแผนภูม B)
Antenna terminal
ขั้วสายอากาศ
1
3
To external components (see diagram C)
ช่องเสียบต่อของอุปกรณ์ภายนอก (ดูแผนภูม C)
Ignition switch
วิทช์จุดระเบิด
Black
สีดำ
①
To metallic body or chassis of the car
ต่อกับโครงโลหะหรือเชสซิสของรถยนต์
*1
*1
Yellow *2
สีเหลือง *2
②
To a live terminal in the fuse block connecting to the car battery (bypassing the ignition switch) (constant 12 V)
ต่อกับขั้วที่มีกระแสไฟฟ้าในแผงฟิวส์ ซึ่งต่อกับแบตเตอรี่รถยนต
(โดยไม่ต้องใช้สวิทช์จุดระเบิด) (12 โวลท์คงที่)
Fuse block
แผงฟิวส
Red
สีแดง
③
To an accessory terminal in the fuse block
ต่อกับขั้วส่วนประกอบในแผงฟิว
Blue
ศีฟ้า
④
To the automatic antenna if any (250 mA max.)
เสาอากาศไฟฟ้าอัตโนมัติ หากมี (ขนาดสูงสุด 250 mA)
Blue with white stripe
สีน้ำเงินลายขาว
⑤
To the remote lead of other equipment (200 mA max.)
ต่อเข้ากับอปกรณ์อื่น (ขนาดสูงสุด 200 mA)
Orange with white stripe
สีส้มแถบขาว
(ILLUMINATION)
⑥
To car light control switch
สวิตซ์ควบคุมไฟของรถยนตร์
Brown
สีน้ำตาล
⑦
To cellular phone system
ต่อกับโทรศัพท์เคลื่อนที่
⑧
White with black stripe
สีขาวแถบดำ
White
สีขาว
(–) (+)
Left speaker (front)
ลำโพงซ้าย (หน้า)
Gray with black stripe
สีเทาแถบดำ
Gray
สีเทา
(–) (+)
Right speaker (front)
ลำโพงขวา (หน้า)
Green with black stripe
สีเขียวแถบดำ
Green
สีเขียว
(–) (+)
Left speaker (rear)
ลำโพงซ้าย (หลัง)
Purple with black stripe
สีม่วงแถบดำ
Purple
สีม่วง
(–) (+)
Right speaker (rear)
ลำโพงขวา (หลัง)

---

[1] Not supplied for this unit.

[2] Before checking the operation of this unit prior to installation, this lead must be connected, otherwise power cannot be turned on.

[1] ไม่ได้ให้มากับชุดประกอบนี้

[2] ก่อนการตรวจสอบการทำงานของชุดประกอบนี้ก่อนที่จะติดตั้ง ต้องต่อสายตะกั่วนี้ก่อนมิฉะนั้นจะไมสามารถเปิดเครื่องได

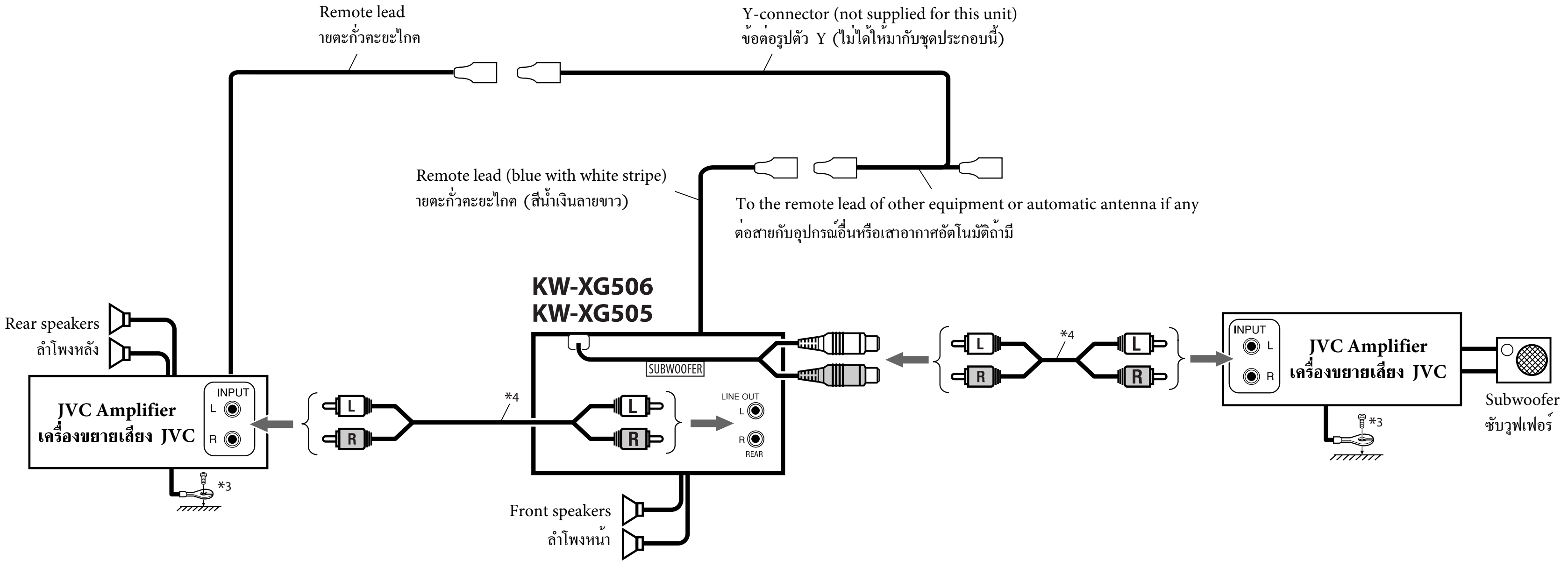
B Connecting the external amplifiers and subwoofer / การต่อกับแอมปลิฟายเออร์และซัฟวูฟเวอร์ตัวนอก

You can connect amplifiers 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.
- **Disconnect the speakers from this unit, connect them to the amplifier. Leave the speaker leads of this unit unused.**

คุณสามารถต่อกับแอมพลิฟายเออร์ เพื่อเพิ่มคุณ ภาพเสียงให้กับระบบสเตอริโอของรถยนต์

- ต่อสายตะกั่วระยะไกล (สีน้ำเงินลายขาว) เข้ากับสายตะกั่วระยะไกลของอุปกรณ์อื่น ๆ เพื่อจะสามารถควบคุมโดยชุดประกอบนี้ได้
- **ถอดลำโพงออกจากชุดประกอบนี้ แล้วต่อเข้ากับเครื่องขยาย ทิ้งสายตะกั่วลำโพงของชุดประกอบนี้ไว้**


Remote lead
ายตะกั่วตะยะไกต
Y-connector (not supplied for this unit)
ข้อต่อรูปตัว Y (ไม่ได้ให้มากับชุดประกอบนี้)
Remote lead (blue with white stripe)
ายตะกั่วตะยะไกต (สีน้ำเงินลายขาว)
To the remote lead of other equipment or automatic antenna if any
ต่อสายกับอุปกรณ์อื่นหรือเสาอากาศอัตโนมัติถ้ามี
KW-XG506
KW-XG505
SUBWOOFER
LINE OUT
L
R
REAR
Rear speakers
ลำโพงหลัง
JVC Amplifier
เครื่องขยายเสียง JVC
INPUT
L
R
*4
*3
Front speakers
ลำโพงหน้า
Subwoofer
ซับวูฟเฟอร์

C Connecting the external components / การต่อเพิ่มเติมเข้ากับอุปกรณ์อื่นๆ

You can connect these components as illustrated below.

- All the components, adapters, or signal cords need to be purchased separately.

CAUTION:
Before connecting the external components, make sure that the unit is turned off.

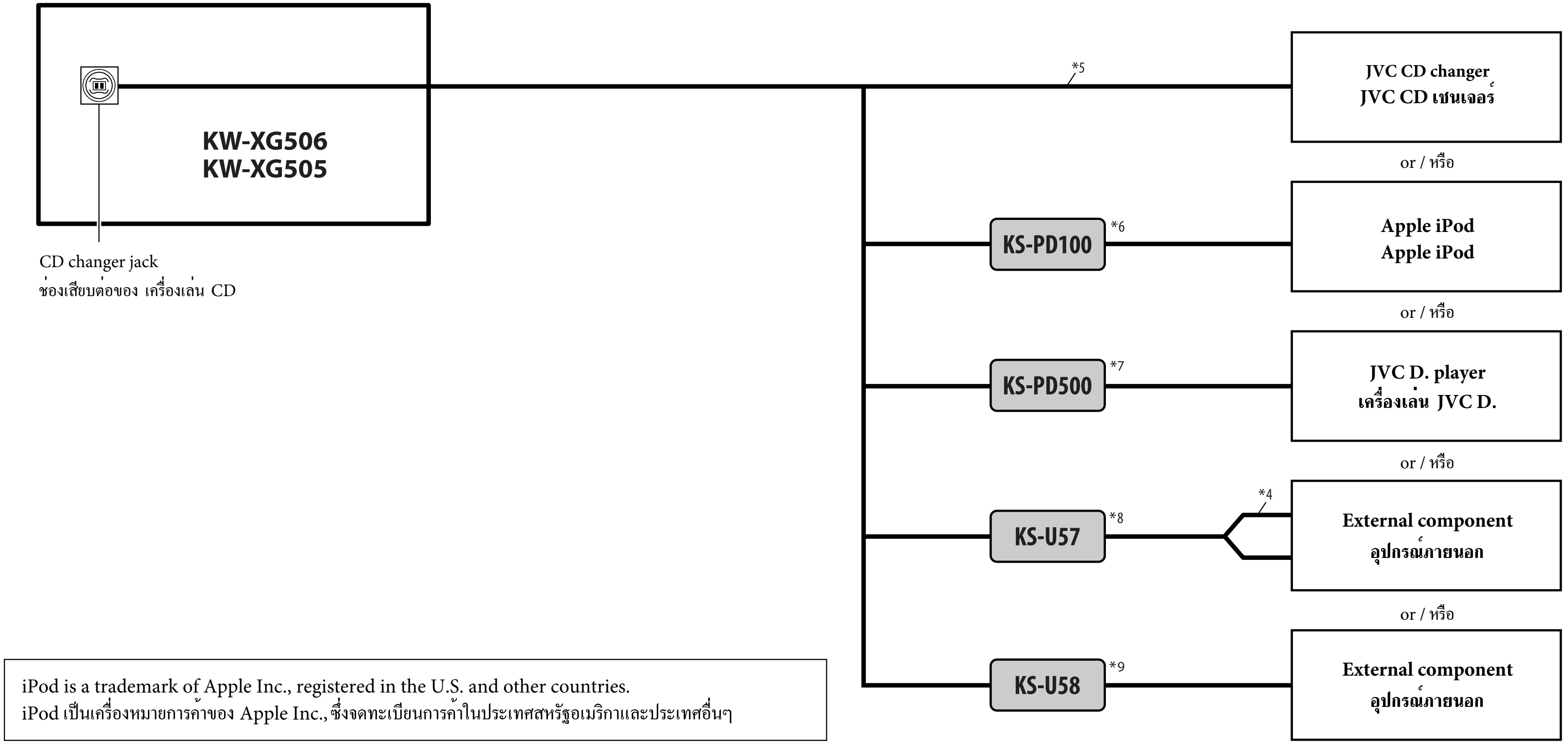
- To use JVC CD changer, Apple iPod or JVC D. player, set the external input setting to "CHANGER" (see page 18 of the INSTRUCTIONS).
- To use other external components via KS-U57 or KS-U58, set the external input setting to "EXT IN" (see page 18 of the INSTRUCTIONS).

ท่านสามารถต่ออุปกรณ์ดังกล่าวตามภาพแสดงด้านล่าง

- อุปกรณ์ทุกตัวรวมถึงอแดปเตอร์หรือสายสัญญาณต่างๆ จะต้องซื้อแยกต่างหาก

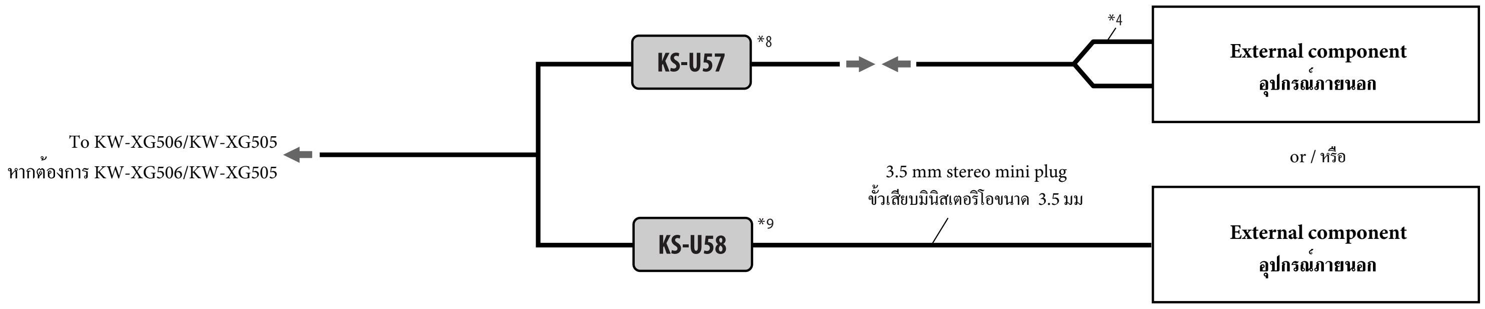
ข้อควรระวัง:
ก่อนจะเชื่อมต่อกับอุปกรณ์ภายนอก กรุณาตรวจสอบให้แน่ใจว่าปิดเครื่องอยู่

- หากต้องการใช้ซีดีเชนเจอร์ของ JVC, Apple iPod หรือเครื่องเล่น JVC D. player ให้ตั้งค่า สัญญาณเข้าจากภายนอก ไปที่ "CHANGER" (ดูหน้า 18 คำแนะนำ)
- หากต้องการต่ออุปกรณ์ภายนอกผ่านทางอแดปเตอร์ KS-U57 หรือ KS-U58 ให้ตั้งค่า สัญญาณเข้าจากภายนอก ไปที่ "EXT IN" (ดูหน้า 18 คำแนะนำ)


KW-XG506
KW-XG505
CD changer jack
ช่องเสียบต่อของ เครื่องเล่น CD
*5
JVC CD changer
JVC CD เชนเจอร์
or / หรือ
KS-PD100
*6
Apple iPod
Apple iPod
or / หรือ
KS-PD500
*7
JVC D. player
เครื่องเล่น JVC D.
or / หรือ
KS-U57
*8
*4
External component
อุปกรณ์ภายนอก
or / หรือ
KS-U58
*9
External component
อุปกรณ์ภายนอก

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

Other external component / อุปกรณ์ภายนอกอื่นๆ


To KW-XG506/KW-XG505
หากต้องการ KW-XG506/KW-XG505
KS-U57
*8
*4
External component
อุปกรณ์ภายนอก
or / หรือ
KS-U58
*9
3.5 mm stereo mini plug
ขั้วเสียบมินิสเตอริโอขนาด 3.5 มม
External component
อุปกรณ์ภายนอก

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*3 Firmly attach the ground wire to the metallic body or to the chassis of the car—to the place uncoated with paint (if coated with paint, remove the paint before attaching the wire). Failure to do so may cause damage to the unit.
*4 Signal cord (not supplied for this unit)
*5 Connecting cord supplied for your CD changer
*6 Interface adapter for iPod
*7 D. player interface adapter
*8 Line Input Adapter
*9 AUX Input Adapter

*3 ต่อลวดสายดินให้แน่นเข้ากับตัวถังเหล็ก หรือตัวถังรถ—ตรงส่วน ที่ไม่มีสีเคลือบ (หากมีสีเคลือบอยู่ ให้ขูดสีออกก่อน ก่อนต่อลวดสายดิน) หากไม่ปฏิบัติตามคำแนะนำนี้ เครื่องอาจชำรุดหรือเสียหายได
*4 ายเคเบิลสัญญาณ (ไม่ได้ให้มากับชุดประกอบนี้)
*5 ต่อสายที่ให้มาสำหรับ CD เชนเจอร์
*6 อินเตอร์เฟสอแดปเตอร์สำหรับ iPod
*7 อินเตอร์เฟสอแดปเตอร์สำหรับ เครื่องเล่น D.
*8 อแดปเตอร์ Line Input
*9 อแดปเตอร์ AUX Input