KENWOOD

DDX155
DDX1035
DDX1035M

MONITOR WITH DVD RECEIVER
INSTRUCTION MANUAL
附DVD接收机显示器
使用说明书

JVCKENWOOD Corporation

DVD V I D E O ™

DC DOLBY DIGITAL

Made for
□ iPod ▯ iPhone

Designed for
Windows Media™

Contents

Before use

⚠ WARNINGS:
(To prevent accidents and damage)

• DO NOT install any unit or wire any cable in a location where;
  – it may obstruct the steering wheel and gearshift lever operations.
  – it may obstruct the operation of safety devices such as air bags.
  – it may obstruct visibility.
• DO NOT operate the unit while driving. If you need to operate the unit while driving, be sure to look around carefully.
• The driver must not watch the monitor while driving.

⚠ Cautions on the monitor:

• The monitor built in this unit has been produced with high precision, but it may have some ineffective dots. This is inevitable and is not considered defective.
• Do not expose the monitor to direct sunlight.
• Do not operate the touch panel using a ball-point pen or similar tool with the sharp tip.
  Press the buttons on the touch panel with your finger directly (if you are wearing a glove, take it off).
• When the temperature is very cold or very hot...
  – Chemical changes occur inside, causing malfunction.
  – Pictures may not appear clearly or may move slowly. Pictures may not be synchronized with the sound or picture quality may decline in such environments.

For safety...

• Do not raise the volume level too much, as this will make driving dangerous by blocking outside sounds, and may cause hearing loss.
• 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.

■ How to reset your unit

Reset button —

If the unit fails to operate properly, press the Reset button. The unit returns to factory settings when the Reset button is pressed (except the registered Bluetooth devices).

How to read this manual:
• This manual mainly explains operations using the buttons on the monitor panel and touch panel. For operations using the remote controller, ☞ page 6.
• < > indicates the variable screens/menus/operations/settings that appear on the touch panel.
• [ ] indicates the buttons on the touch panel.

The displays and panels shown in this manual are examples used to provide clear explanations of the operations. For this reason, they may be different from the actual displays or panels.

The marking of products using lasers

CLASS 1
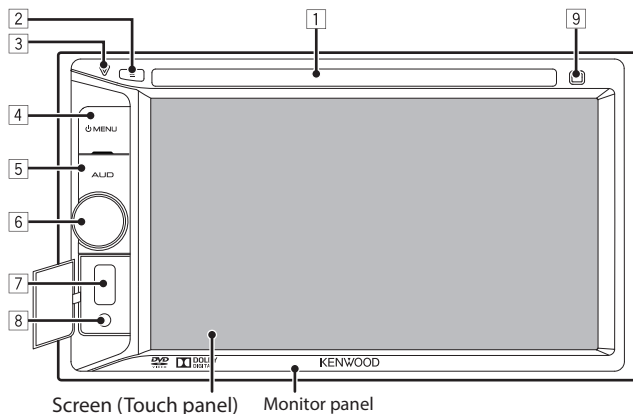LASER PRODUCT

The label is attached to the chassis/case and says that the component uses laser beams that have been classified as Class 1. It means that the unit is utilizing laser beams that are of a weaker class. There is no danger of hazardous radiation outside the unit.

INTRODUCTIONS
Overview Of The Main Unit

Screen (Touch panel) Monitor panel

1 Loading slot
2 ⏏ (Eject) button
   • Ejects the disc.
3 Reset button/Power indicator indicator
   • Resets the unit. (☞ page 3)
   • Lights up while the unit is turned on.
4 ⏻ MENU button
   • Turns off the power. (Hold)
   • Turns on the power. (Press)
   • Displays the <**Top Menu**> screen.
     (Press)
5 AUD button
   • Displays the <**Equalizer**> screen.
     (Press) (☞ page 24)
6 VOL/Mute knob
   • Turns on/off the mute. (Press)
   • Adjusts the audio volume. (Turn)

7 USB input terminal
8 iPod/AV IN2 input terminal
9 Remote sensor

Overview Of The Remote Control

⚠ CAUTION

- Keep battery out of reach of children and in original package until ready to use. Dispose of used batteries promptly. If swallowed contact physician immediately.
- Do not leave the battery near fire or under direct sunlight. A fire, explosion or excessive heat generation may result.
- Do not set the remote ontrol in hot places such as on the dashboard.
- The Lithium battery is in danger of explosion if replaced incorrectly. Replace only with the same or equivalent type.

How to install the battery

CR2025
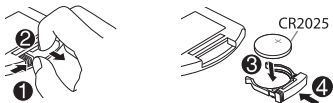
- If the effectiveness of the remote control decreases, replace the batteries.
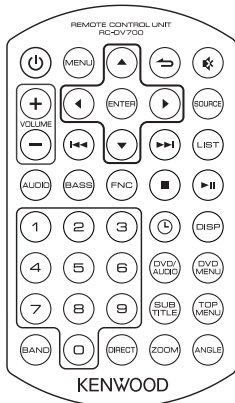
- Aim the remote control directly at the remote sensor on the faceplate.
- DO NOT expose the remote sensor to bright light (direct sunlight or artificial lighting).

Button	Operations
⏻	Turns the power on/off.
MENU	Displays the top menu screen.
▲/▼/◄/►	Selects an item.
ENTER	Confirms the selection.
VOLUME +/–	Adjusts the volume level.
◄◄/►►	Searches for radio stations automatically. (Press)
	Searches for radio stations manually. (Hold)
	Selects a track. (Press)
	Reverse search/forward search. (Hold)
	Returns to previous layer during menu operation.
AUDIO	Selects the preset equalizer.
BASS	Activates/deactivate Bass Sound.
FNC	Displays the function menu for the source.
0 – 9	Enters the number.
BAND	Selects the band.

Button	Operations
↩	Exits from the menu.
🔇	Mutes/restores the sound.
SOURCE	Selects a source.
LIST	Displays the item list for the selected source.
■	Stops playback.
►II	Starts/pauses playback.
🕒	Displays the clock.
DISP	Displays on-screen information.
DVD MENU	Displays the DVD disc menu.
TOP MENU	Returns to the DVD top menu.
DVD/AUDIO	Selects the audio language.
SUBTITLE	Selects the subtitle language.
ANGLE	Selects the view angle.
ZOOM	Magnifies the picture. (Not available for still picture playback.)
DIRECT	Enters direct search mode.

Setting the clock

1 Display the <Top Menu> screen.
On the source control screen:
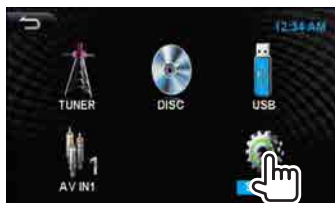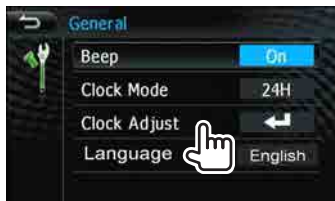
5 Select the hour or minute.

2 Display the <SETUP> screen.

6 Set the clock time.

3 Display the <General> screen.
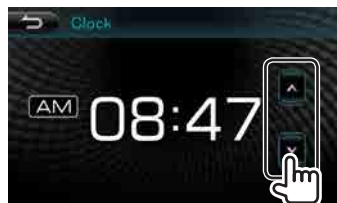
7 Finish the procedure.

4 Display the <Clock> screen.

AV SOURCE OPERATIONS

| Selecting the playback source

DISC (☞ page 10)	Plays a disc.
TUNER (☞ page 22)	Switches to the radio broadcast.
iPod*1 (☞ page 19)	Plays an iPod/iPhone.
USB (☞ page 16)	Plays files on a USB device.
AV IN1/AV IN2*1 (☞ page 23)	Switches to an external component connected to AV IN1 and iPod/AV IN2 input terminals.

*1 Select an appropriate input setting on <**AV IN SETUP**>. (☞ page 28)

Displaying the source control screen

On video playback screen
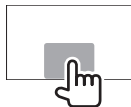
• The operation buttons disappear by touching the screen.

Disc operations

Playing a disc

- If a disc does not have a disc menu, all tracks on it will be played repeatedly until you change the source or eject the disc.

■ Inserting a disc

Label side
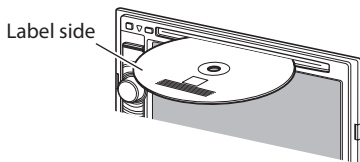
The source changes to "**DISC**" and playback starts.

> - If "⊘" appears on the screen, the unit cannot accept the operation you have tried to do.
>   – In some cases, without showing "⊘", operations will not be accepted.
> - When playing back a multi-channel encoded disc, the multi-channel signals are downmixed to stereo.

■ Ejecting a disc

- You can eject a disc when playing another AV source.
- 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.

When removing a disc, pull it horizontally.

Playable disc types

Disc type	Recording format, file type, etc.	Playable
DVD	DVD-Video *¹ Region Code: • For DDX155: 5 • For DDX1035: 3 • For DDX1035M: 2	✓**OK**
	DVD-Audio/DVD-ROM	✗**NO**
DVD Recordable/ Rewritable (DVD-R/-RW , +R/+RW *²**)** • DVD Video: UDF bridge • MPEG1/MPEG2/MPEG4/ JPEG/MP3/WMA: ISO 9660 level 1, level 2, Romeo, Joliet	DVD-Video	✓**OK**
	MPEG1/MPEG2/MPEG4	
	JPEG	
	MP3/WMA	
	DVD-VR/DVD+VR/DVD-RAM/DivX/WAV/AAC	✗**NO**
Dual Disc	DVD side/Non-DVD side	✗**NO**
CD/VCD	Audio CD	✓**OK**
	VCD (Video CD)	
	SVCD (Super Video CD)/CD-ROM/CD-I (CD-I Ready)	✗**NO**
CD Recordable/ Rewritable (CD-R/-RW) • ISO 9660 level 1, level 2, Romeo, Joliet	CD-DA	✓**OK**
	VCD (Video CD)	
	MPEG1/MPEG2/MPEG4	
	JPEG	
	MP3/WMA	
	DivX/WAV/AAC	✗**NO**

*¹ If you insert a DVD Video disc of an incorrect Region Code, "DVD Region error" appears on the screen.
*² It is possible to play back finalized +R/+RW (Video format only) discs. "DVD" is selected as its disc type when a +R/+RW disc is loaded. +RW double layer discs are not playable.

Playback operations

To display the source control screen, ☞ page 9.

For DVD/VCD/MPEG1/MPEG2/MPEG4/JPEG

Media type

Playing time

• DVD Video: Title no./Chapter no.
• MPEG1/MPEG2/MPEG4: Folder no./Track no.
• JPEG: Folder no./File no.
• VCD: Track no.

[**EQ**]	Enters the <**Equalizer**> settings. (☞ page 24)	[◄◄] [►►I]	• Selects a chapter/track. (Press) • Reverse/forward search.*¹ (Hold)
[**BASS**]	Activates/deactivate Bass Sound.		
[**DIM**]	Activates/deactivate dimmer.	[⚙]	Displays the <**Set Up**> screen. (☞ page 28)
[◄ **1/3** ►]	Switching the video menu. (☞ page 14, 26)	[≡] *²	Displays the DVD disc menu.
[**FNC**]	Enters the <**Function**> settings. (☞ page 14)	[**MENU**]	Displays the <**Top Menu**> screen.
[**II**]	Starts/pauses playback.		

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*¹ Search speed varies depending on the type of disc or file.
*² Does not appear for VCD.

For CD/MP3/WMA
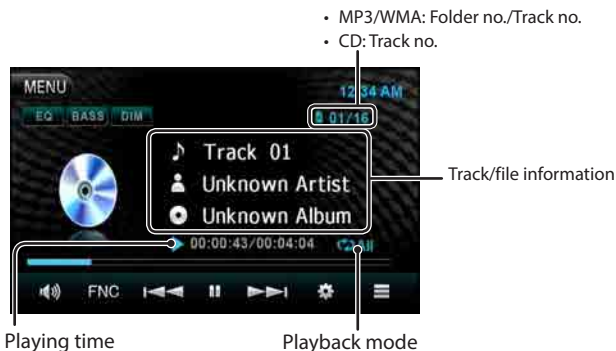
• MP3/WMA: Folder no./Track no.
• CD: Track no.

MENU
EQ BASS DIM
12:34 AM
8 01/16

♪ Track 01
👤 Unknown Artist
⚫ Unknown Album

Track/file information

▶ 00:00:43/00:04:04

🔊 FNC ⏮ ⏸ ⏭ ⚙ ☰

Playing time   Playback mode

[**EQ**]	Enters the <**Equalizer**> settings. (☞ page 24)
[**BASS**]	Activates/deactivate Bass Sound.
[**DIM**]	Activates/deactivate dimmer.
[🔊]	Mutes/restores the sound.
[**FNC**]	Enters the <**Function**> settings. (☞ page 14)
[**II**]	Starts/pauses playback.

[⏮] [⏭]	• Selects a track. (Press) • Reverse/forward search.*¹ (Hold)
[⚙]	Displays the <**Set Up**> screen. (☞ page 28)
[☰] *²	Displays the folder/track list. (☞ below)
[**MENU**]	Displays the <**Top Menu**> screen.

*¹ Search speed varies depending on the type of disc or file.
*² Does not appear for CD.

Selecting folder/track on the list

Returns to the previous screen   Selects a file

Music
USB

♪
🖼
🎬

📁 Floder 01
📁 Floder 02
▶ 1-Ten Days In The Madhouse
♪ 2-Do Or Die
♪ Song 032

Selects music files/ photo files/movie files

Changes the page

Playing Recordable/Rewritable discs
• This unit can recognize a total of 9 999 files and 999 folders (a maximum of 9 999 files per folder).
• Use only "finalized" discs.
• This unit can play back multi-session discs; however, unclosed sessions will be skipped while playing.
• Some discs or files may not be played back due to their characteristics or recording conditions.

■ Video menu operations

You can display the video menu screen during video playback.

- Available items on the screen differ depending on the types of the loaded disc and playback files.
- The operation buttons disappear by touching the screen.
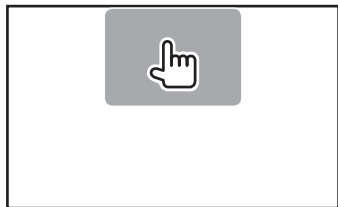
- To select a title, chapter, or time directly

Returns to the previous screen

Selects title search/ chapter search/ time search

– When you enter a wrong number, press [**X**] to delete the last entry.
  Press [**CLR**] to delete the all entry.

Audio	Selects the audio type.
Subtitle	Selects the subtitle type.
MENU	Displays the disc menu (DVD).
Aspect	Selects the aspect ratio. (☞ page 26)
Direct	Displays/hides the direct selecting buttons. (☞ below)

Setting the functions

For DVD

1

2

Selects view angle

- Each time you press the button, the playback mode changes.
  – Available items differ depending on the types of loaded disc and playback file.

Setting <Repeat>

Display	Playback mode
CH	Repeats current chapter.
TT	Repeats current title/program.
All	Repeats all title/program.
Off	Cancel all the repeat function.

Setting <Video Setting>

• You can change the setting for video playback. (☞ page 26)

For VCD

1

2

Selects the audio channel
(Stereo/ Left/ Right)

Activates/deactivates
the PBC function

• Each time you press the button, the playback mode changes.
  – Available items differ depending on the types of loaded disc and playback file.

Setting <Repeat>

Display	Playback mode
One	Repeats the current track. (When the PBC function is off.)
All	Repeats all tracks.

For CD/MPEG1/MPEG2/MPEG4/MP3/WMA
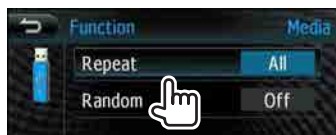
1

2

• Each time you press the button, the playback mode changes.
  – Available items differ depending on the types of loaded disc and playback file.

Setting <Repeat>

Display	Playback mode
One	Repeats the current track.
Folder	Repeats all tracks in the current folder. (except for CD)
All	Repeats all tracks.

Setting <Random>

Display	Playback mode
On	Randomly plays all tracks.
Off	Cancel all the random function.

Setting <Video Setting>

• You can change the setting for video playback. (☞ page 26)

USB operations

Playing a USB device

- This unit can play JPEG/MPEG1/MPEG2/ MPEG4/MP3/WMA files stored in a USB mass storage class device.
- This unit can recognize a total of 9 999 files and 999 folders (a maximum of 9 999 files per folder).
- Make sure all important data has been backed up to avoid losing the data.

■ Connecting a USB device

You can connect a USB mass storage class device such as a USB memory, Digital Audio Player etc. to the unit.

- You cannot connect a computer or portable HDD to the USB input terminal.
- To connect a USB device, ☞ page 37.

When a USB device is connected...

The source changes to "**USB**" and playback starts.

- All tracks in the USB device will be played repeatedly until you change the source.

Cautions:

- This unit may not play back files in a USB device properly when using a USB extension cable.
- USB devices equipped with special functions such as data security functions cannot be used with the unit.
- Do not use a USB device with 2 or more partitions.
- Depending on the shape of the USB devices and connection ports, some USB devices may not be attached properly or the connection might be loose.
- This unit may not recognize a memory card inserted into the USB card reader.
- When connecting with a USB cable, use the USB 2.0 cable.
- The maximum number of characters:
  – Folder names : 15 characters
  – File names : 15 characters
- Avoid using the USB device if it might effect driving safety.
- Do not pull out and connect the USB device repeatedly while "Reading..." is shown on the screen.
- Electrostatic shock at connecting a USB device may cause abnormal playback of the device. In this case, disconnect the USB device then reset this unit and the USB device.
- Operation and power supply may not work as intended for some USB devices.
- Do not leave a USB device in the car, or expose to direct sunlight or high temperature to avoid deformation or damage to the device.

- **To display the source control screen,** ☞ page 9.
- To change settings for video playback, ☞ page 14.

- MPEG1/MPEG2/MPEG4/MP3/WMA: Folder no./Track no.
- JPEG: Folder no./File no.

Track/file information
(for MP3/WMA)

Playing time

Playback mode

[**EQ**]	Enters the <**Equalizer**> settings. (☞ page 24)	[|◄◄] [►►|]	• Selects a track. (Press) • Reverse/forward search.*¹ (Hold)
[**BASS**]	Activates/deactivate Bass Sound.		
[**DIM**]	Activates/deactivate dimmer.	[☼]	Displays the <**Set Up**> screen. (☞ page 28)
[◁×]	Mutes/restores the sound.	[≡]	Displays the folder/track list. (☞ page 13)
[**FNC**]	Enters the <**Function**> settings. (☞ page 18)	[**MENU**]	Displays the <**Top Menu**> screen.
[**II**]	Starts/pauses playback.		

- Available items differ depending on the types of playback file.

*¹ Search speed varies depending on the type of disc or file.

Setting the functions

For music

1

2

Setting <Repeat>

Display	Playback mode
One	Repeats the current track.
Folder	Repeats all tracks in the current folder.
All	Repeats all tracks.

Setting <Random>

Display	Playback mode
On	Randomly plays all tracks.
Off	Cancel all the random function.

For photo/movie

1

2

Activates/deactivates slide show

Setting <Repeat>

Display	Playback mode
One	Repeats current songs.
Folder	Repeats all tracks in the current folder.
All	Repeats all songs.

Setting <Video Setting>

- You can change the setting for video playback. (☞ page 26)

Listening to the iPod/iPhone device

■ Preparation

- Connect iPod/iPhone. (☞ page 37)
  - When connecting iPhone/iPod touch, turn off App beforehand; otherwise the playback may not be started after connection.
- Use the following cables:
  - **To watch the video and to listen to the music (digital):** USB Audio and Video cable for iPod/iPhone—KCA-iP22F (sold separately)
  - **To listen to the music (digital):** USB Audio cable for iPod/iPhone—USB 2.0 cable (accessory of the iPod/iPhone)
- Select appropriate input settings on <**AV IN SETUP**> according to the connection method (☞ the right column)
- Do not use extension cables.

iPod/iPhone that can be connected to this unit:
Made for
– iPod classic
– iPod nano (7th Generation)
– iPod nano (6th Generation)
– iPod nano (5th Generation)
– iPod nano (4th Generation)
– iPod nano (3rd Generation)
– iPod touch (5th Generation)
– iPod touch (4th Generation)
– iPod touch (3rd Generation)
– iPod touch (2nd Generation)
– iPhone 5
– iPhone 4S
– iPhone 4
– iPhone 3GS
– iPhone 3G

* You cannot watch video or use iPod touch/ iPhone Apps when connecting iPod nano (7th Generation)/iPod touch (5th Generation)/iPhone 5.
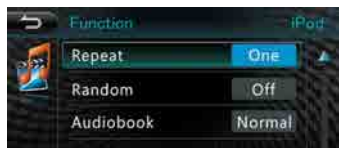
Settings for iPod playback

When the source is "**iPod**"...

1

2

Audiobook	Selects the speed of audio books. Normal/ Slow/ Fast

Setting <AV IN SETUP> for iPod/iPhone playback

1 On <**Top Menu**>:

2
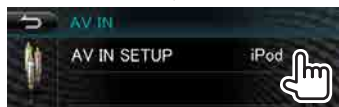
AV IN2	Select this when connecting the iPod/iPhone using the USB Audio cable for iPod/ iPhone.
iPod	Select this when connecting the iPod/iPhone using the USB Audio and Video cable for iPod/iPhone.

iPod/iPhone playback operations from the unit

- **To display the source control screen,** ☞ page 9.
- To change settings for video playback, ☞ page 14.

Select to control playback from
the iPod/iPhone
📥 : iPod mode
👆 : Head Unit mode

Current track number/total
track number

Song/video
information

Playing time

Playback mode

[**EQ**]	Enters the <**Equalizer**> settings. (☞ page 24)	[**II**]	Starts/pauses playback.	
[**BASS**]	Activates/deactivate Bass Sound.	[**I◀◀**] [**▶▶I**]	• Selects an audio/video file.*¹ (Press) • Reverse/forward search. (Hold)	
[**DIM**]	Activates/deactivate dimmer.			
[📥]	📥 : Control playback from the iPod/iPhone.*² 👆 : Control playback from the unit.	[⚙]	Displays the <**Set Up**> screen. (☞ page 28)	
		[≡]	Displays the music/video file list. (☞ page 21)	
[◀»]	Mutes/restores the sound.	[**MENU**]	Displays the <**Top Menu**> screen.	
[**FNC**]	Enters the <**Function**> settings. (☞ page 21)			

*¹ Resume playback is unavailable for video files.
*² When using iPod with video, you can control playback only from the unit.

- When you turn on this unit, the iPod/iPhone is charged through the unit.
- The text information may not be displayed correctly.

- For some iPod/iPhone models, the performance may be abnormal or unstable during operation. In this case, disconnect the iPod/iPhone device, then check its condition. If the performance is not improved or is slow, reset your iPod/iPhone.
- For the latest compatible list and software version of iPod/iPhone, see: www.kenwood.com/cs/ce/ipod

Selecting an music/video file from the menu

1

2

3 Select a category, then a desired item.
  • Select the item in the selected layer until a desired file starts playing.

Music menu:
Playlists / Albums / Artists / Genres / Songs / Composers / Audio books / Podcast

Video menu:
Movies / Music Videos / TV Shows / Video Podcasts

• Available categories differ depending on the type of your iPod/iPhone.

Setting the functions

1

2

Setting <Repeat>

Display	Playback mode
One	Repeats current songs.
All	Repeats all songs.
Off	Cancel all the repeat function.

Setting <Random>

Display	Playback mode
Off	Cancel all the random function.
Songs	Functions the same as "Shuffle Songs".
Albums	Functions the same as "Shuffle Albums".

Listening to the radio

Indicate RDS station name (if available)

Band no./the station frequency currently tuned in

[**EQ**]	Enters the <**Equalizer**> settings. (☞ page 24)	[◄◄] [►►]	Searches for a station. • Auto Search (Press) • Manual Search (Hold)
[**BASS**]	Activates/deactivate Bass Sound.	[**BAND**]	Selects the band. ┌►FM1 ──► FM2 ──► FM3 ┐ └── AM2 ◄── AM1 ◄──┘
[**DIM**]	Activates/deactivate dimmer.		
[**1**] – [**6**]	• Selects a stored station. (Press) • Stores the current station. (Hold)	[⚙]	Displays the <**Set Up**> screen. (☞ page 28)
[◄»]	Mutes/restores the sound.	[**AME**]	Storing stations in memory.
		[**MENU**]	Displays the <**Top Menu**> screen.
[**FNC**]	Enters the <**Function**> settings. (☞ page 22)		

Tuning in FM stations only with strong signals—Local Seek
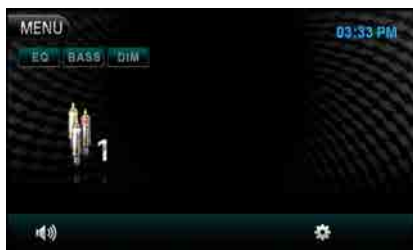
1

2

On	Select this to tune in only to stations with sufficient signal strength. The LOCAL indicator lights up.
Off	Deactivate the function.

Using other external components

AV IN

To display the source control screen, ☞ page 9.

[**EQ**]	Enters the <**Equalizer**> settings. (☞ page 24)
[**BASS**]	Activates/deactivate Bass Sound.
[**DIM**]	Activates/deactivate dimmer.
[🔇]	Mutes/restores the sound.
[⚙]	Displays the <**Set Up**> screen. (☞ page 28)
[**MENU**]	Displays the <**Top Menu**> screen.

You can connects external components to the AV IN1 and iPod/AV IN2 input terminals.

Preparation:
If you want to use "**AV IN2**", select [**AV IN2**] for <**AV IN SETUP**> setting. (☞page 28)
• No preparation is required for "**AV IN1**".

1 Connect external components to AV IN1 and iPod/AV IN2 input terminals.
To connect external components, ☞ pages 36 and 37.

2 Select "AV IN1" or "AV IN2" as the source. (☞ page 9)

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

Sound adjustment

Using the sound equalization

• **You cannot adjust the sound when the unit is in standby.**

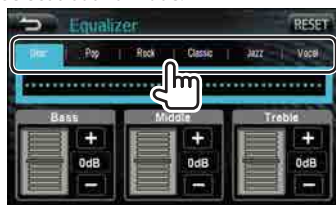### ■ Selecting a preset sound mode

1 On <**Top Menu**>:

2

3 Select a sound mode.

■ Storing your own adjustment

Customizing preset sound mode

1 Select a sound mode. (☞ "Selecting a preset sound mode")

2 Adjust the level of each band.

Reset to default setting

Bass	-15 dB – +15 dB
Middle	-15 dB – +15 dB
Treble	-15 dB – +15 dB

The adjustments are stored and <**User**> is activated.
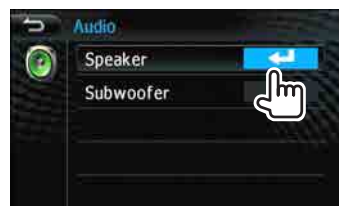
Adjust Audio Setting

Speaker settings

1 On <**Top Menu**>:

2

3

4

Reset to default setting

To subwoofer settings

Fader	-12 – +12
Balance	-12 – +12

Subwoofer settings

1 On <**Top Menu**>:

2

3

4
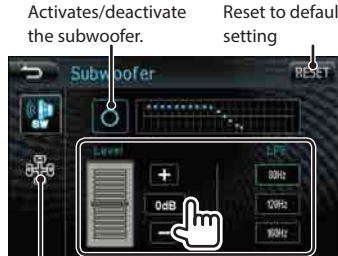
Activates/deactivate the subwoofer.

Reset to default setting

To speaker settings

Level	-6 dB – +6 dB
LPF (low pass filter)	80Hz/ 120Hz/ 160Hz

Setting for video playback

You can change the setting for video playback.

Screen adjustment

You can adjust the picture quality.
1 Select [Video Setting].

2 Adjust the picture (00 to 08).

Adjusts the brightness

Adjusts the contrast

Adjusts the color

Reset to default setting

Changing the aspect ratio

You can change the aspect ratio for video playback.
1

	4:3	**16:9**
For 16:9 original pictures		
For 4:3LB original pictures		
For 4:3 original pictures		

Zooming picture

You can zoom the picture (<**X2**>/ <**X3**>/ <**X4**>/ <**1/2**>/ <**1/3**>/ <**1/4**>/ <**OFF**>).
1

[▲] [▼] [◄] [►] : Moves the zooming frame.

Using a rear view camera

- To use a rear view camera, the REVERSE lead connection is required. For connecting a rear view camera, ☞ page 36.

■ Displaying the picture from the rear view camera

The rear view screen is displayed when you shift the gear to the reverse (R) position.

Check Surroundings Before Backing Up

- To erase the caution message, touch the screen.

System Setup

Setup item		Selectable setting/item	Initial: **Underlined**
Audio	**Subwoofer**	Adjust value of subwoofer level and subwoofer low pass filter. (☞ page 25)	
	Speaker	Adjust the Front and Rear speaker fader, the Left and Right speaker balance settings. (☞ page 24)	
Equalizer	**Equalizer**	Change the sound mode or adjust and store the equalization for each source. (☞ page 24) ♦ **User/Pops/Rock/Classic/Jazz/Vocal**	
AV IN	**AV IN SETUP**	You can determine the use of the iPod/AV IN2 input terminal. ♦ **AV IN2** : Select to play an AV component connected to the iPod/AV IN2 input terminal. ♦ **iPod** : Select when connecting the iPod/iPhone using the USB Audio and Video cable for iPod/iPhone. (☞ page 37)	
General	**Beep**	♦ **ON** : Activates the key-touch tone. ♦ **OFF** : Cancels.	
	Clock Mode	♦ **12H** : 12 hours. ♦ **24H** : 24 hours.	
	Clock Adjust	Adjust the clock time. (☞ page 8)	
	Language	Select the text language used for on-screen information. ♦ for DDX155: **English/Russian** for DDX1035/ DDX1035M: **English/Arabic**	
Touch	**Calibration**	Adjust the touch position of the buttons on screen. (☞ next page)	

Adjusting the touch position

You can adjust the touch position on the touch panel if the position touched and the operation performed do not match.

1   On <**SETUP**>:

2   Touch the center of the marks at the 5 steps(point) for calibration.

REFERENCE

| Maintenance

■ Caution on cleaning the unit

Do not use
any solvent
(for example,
thinner, benzine,
etc.), detergent,
or insecticide. This may damage the monitor
or the unit.

Recommended cleaning method:
Gently wipe the panel with a soft, dry cloth.

■ 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.

Center holder

• Always hold the disc by the edges. Do not
touch its recording surface.
When storing a disc in its case, gently
insert the disc around the center holder (with
the printed surface facing up).
• Make sure to store discs in their 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 solvents (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:

8 cm CD

Warped disc

Sticker and sticker
residue

Stick-on label

Unusual shape

C-thru Disc (semi-
transparent disc)

Transparent or semi-
transparent parts on its
recording area

More about this unit

■ File playback

Playing MPEG1/MPEG2/MPEG4 files

- This unit can play back MPEG1/MPEG2/ MPEG4 files with the extension code <.mpg>, <.mpeg> or <.avi>.
- The stream format should conform to MPEG system/program stream.
  The file format should be MP@ML (Main Profile at Main Level)/SP@ML (Simple Profile at Main Level)/MP@LL (Main Profile at Low Level)/ MPEG-4 SP (Simple Profile).
- Audio streams should conform to MPEG1 Audio Layer-2, Dolby Digital or MP3.
- The maximum bit rate for video signals (average) is 4 Mbps.
- The file encoded in the interlaced scanning mode may not be played back correctly.

Playing JPEG files

- This unit can play back JPEG files with the extension code <.jpg>.
- This unit can play back JPEG files that are at 32 x 32 to 8 192 x 7 680 resolution.
  It may take time to display the file.
- This unit can play back baseline JPEG files. Progressive JPEG files or lossless JPEG files cannot be played.

We bear no responsibility for any loss of data in an iPod/iPhone and USB mass storage class device while using this unit.

Playing MP3/WMA files

- This unit can play back files with the extension code <.mp3> or<.wma> (regardless of the letter case—upper/ lower).
- This unit can play back the files meeting the conditions below:
  – Bit rate:
    32 kbps – 320 kbps
  – Sampling frequency:
    8 kHz – 48 kHz
- This unit can show ID3 Tag Version 1.0/1.1/2.2/2.3/2.4 (for MP3).
- This unit can also show WMA Tag.
- This unit can play back files recorded in VBR (variable bit rate).
- Files recorded in VBR have a discrepancy in elapsed time indication.
- This unit cannot play back the following files:
  – MP3 files encoded with MP3i and MP3 PRO 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.

■ Sound signals emitted through the rear terminals

Through the analog terminals (Speaker out/Front Preout/Rear Preout)

2-channel signal is emitted. When playing multi-channel encoded disc, multi-channel signals are downmixed.

Troubleshooting

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

- For operations with the external components, refer also to the instructions supplied with the adapters used for the connections (as well as the instructions supplied with the external components).

■ If there seems to be a problem

	Symptom	Remedy/Cause
General	No sound comes out of the speakers.	• Adjust the volume to the optimum level. • Check the cords and connections.
	The unit does not work at all.	Reset the unit. (☞ page 3)
	The remote controller does not work.	Replace the battery.
TUNER	AME automatic presetting does not work.	Store stations manually. (☞ page 22)
	Static noise while listening to the radio.	Connect the antenna firmly.
Disc in general	• Recordable/Rewritable discs cannot be played back. • Tracks on the Recordable/Rewritable discs cannot be skipped.	• Insert a finalized disc. • Finalize the discs with the component which you used for recording.
	Playback does not start.	The format of files is not supported by the unit.
	No picture appears on the external monitor.	• Connect the video cord correctly. • Select the correct input on the external monitor.
MPEG1/MPEG2/MPEG4/ JPEG/MP3/WMA	Disc cannot be played back.	• Record the tracks using a compliant application on the appropriate discs. (☞ page 11) • Add appropriate extension codes to the file names.
	Tracks are not played back as you have intended them to play.	Playback order may differ from the one played back using other players.
AV IN1 / AV IN2	No picture appears on the screen.	• Turn on the video component if it is not on. • Connect the video component correctly. • When "**AV IN2**" is selected as the source, set <**AV IN SETUP**> to [**AV IN2**].

	Symptom	Remedy/Cause
iPod/iPhone	No sound comes out of the speakers.	• Disconnect the iPod/iPhone, then connect it again. • Select another source and then reselect "**iPod**".
	The iPod/iPhone does not turn on or does not work.	• Check the connecting cable and its connection. • Update the firmware version. • Charge the battery. • Check whether the iPod/iPhone control mode is correctly selected. (☞ page 20) • Reset the iPod/iPhone.
	Sound is distorted.	Deactivate the equalizer either on this unit or the iPod/iPhone.
	A lot of noise is generated.	Turn off (uncheck) the "VoiceOver" feature of the iPod. For details, visit <http://www.apple.com>.
	Sound does not synchronize with the video.	Select <**iPod**> for <**AV IN SETUP**>. (☞ page 28)
	• Videos cannot be played. • No sound of videos comes out.	• Connect USB Audio and Video cable KCA-iP22F. Other cables cannot be used. • Select <**iPod**> for <**AV IN SETUP**>. (☞ page 28)
USB	"Reading..." keeps flashing on the screen.	Turn off the power and on again.
	While playing a track, sound is sometimes interrupted.	The tracks are not properly copied into the USB device. Copy tracks again, and try again.

Accessories/Installation Procedure

Accessories

① *¹

..........1

② *¹

..........1

③

..........1 (2m)

④

..........1

⑤ *²

..........2

⑥ *¹

..........6 (M5x6mm)

⑦ *¹

..........6 (M5x7mm)
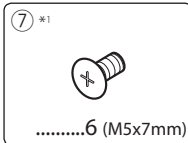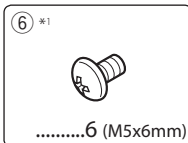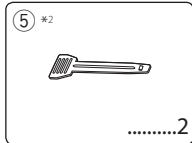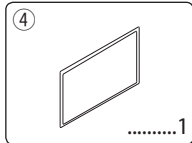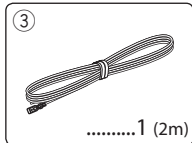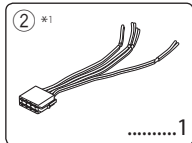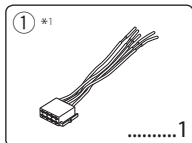
*¹ DDX1035/DDX1035M only.
*² DDX155 only.

Installation Procedure

1 To prevent a short circuit, remove the key from the ignition and disconnect the ⊖ battery.
2 Make the proper input and output wire connections for each unit.
3 Connect the speaker wires of the wiring harness. (Accessory ②)
4 Connect the wiring harness wires in the following order: ground, battery, ignition. (Accessory ①)
5 Connect the wiring harness connector to the unit.
6 Install the unit in your car.

7 Reconnect the ⊖ battery.
8 Press the reset button.
9 Perform the Initial Setup.

⚠ WARNING

• If you connect the ignition wire (red) and the battery wire (yellow) to the car chassis (ground), you may cause a short circuit, that in turn may start a fire. Always connect those wires to the power source running through the fuse box.
• Do not cut out the fuse from the ignition wire (red) and the battery wire (yellow). The power supply must be connected to the wires via the fuse.

⚠

• Mounting and wiring this product requires skills and experience. For best safety, leave the mounting and wiring work to professionals.
• Make sure to ground the unit to a negative 12V DC power supply.
• Do not install the unit in a spot exposed to direct sunlight or excessive heat or humidity. Also avoid places with too much dust or the possibility of water splashing.
• Do not use your own screws. Use only the screws provided. If you use the wrong screws, you could damage the unit.
• If your car's ignition does not have an ACC position, connect the ignition wires to a power source that can be turned on and off with the ignition key. If you connect the ignition wire to a power source with a constant voltage supply, such as with battery wires, the battery may be drained.
• If the fuse blows, first make sure the wires are not touching to cause a short circuit, then replace the old fuse with one with the same rating.
• Insulate unconnected wires with vinyl tape or other similar material. To prevent a short circuit, do not remove the caps on the ends of the unconnected wires or the terminals.

- Connect the speaker wires correctly to the terminals to which they correspond. The unit may be damaged or fail to work if you share the ⊖ wires or ground them to any metal part in the car.
- When only two speakers are being connected to the system, connect the connectors either to both the front output terminals or to both the rear output terminals (do not use one from each). For example, if you connect the ⊕ connector of the left speaker to a front output terminal, do not connect the ⊖ connector to a rear output terminal.
- After the unit is installed, check whether the brake lamps, blinkers, wipers, etc. on the car are working properly.
- Mount the unit so that the mounting angle is 30° or less.
- Do not press hard on the panel surface when installing the unit to the vehicle. Otherwise scars, damage, or failure may result.
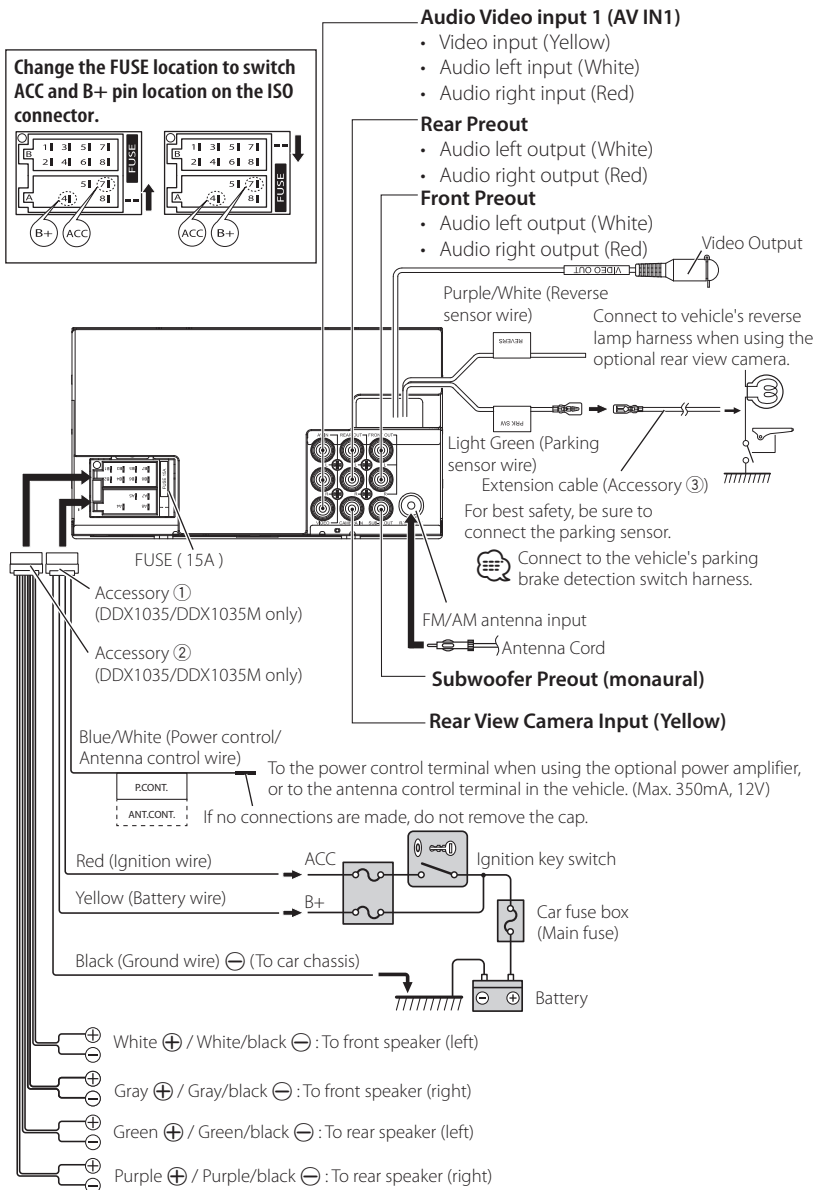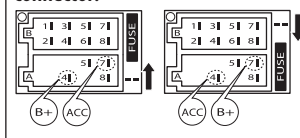

⚠ **CAUTION**

Install this unit in the console of your vehicle.
Do not touch the metal part of this unit during and shortly after the use of the unit. Metal part such as the heat sink and enclosure become hot.
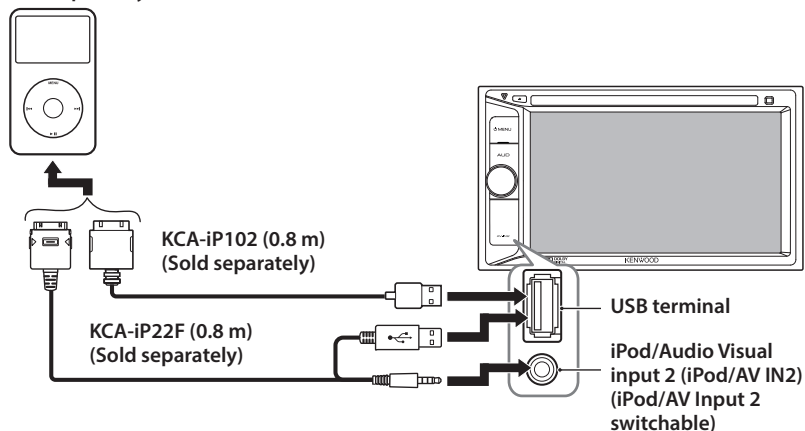
Connecting Wires to Terminals

Change the FUSE location to switch ACC and B+ pin location on the ISO connector.

Audio Video input 1 (AV IN1)
- Video input (Yellow)
- Audio left input (White)
- Audio right input (Red)

Rear Preout
- Audio left output (White)
- Audio right output (Red)

Front Preout
- Audio left output (White)
- Audio right output (Red)

Video Output

Purple/White (Reverse sensor wire)

Connect to vehicle's reverse lamp harness when using the optional rear view camera.

Light Green (Parking sensor wire)

Extension cable (Accessory ③)

For best safety, be sure to connect the parking sensor.

Connect to the vehicle's parking brake detection switch harness.

FUSE (15A)

Accessory ①
(DDX1035/DDX1035M only)

Accessory ②
(DDX1035/DDX1035M only)

FM/AM antenna input

Antenna Cord

Subwoofer Preout (monaural)

Rear View Camera Input (Yellow)

Blue/White (Power control/ Antenna control wire)

To the power control terminal when using the optional power amplifier, or to the antenna control terminal in the vehicle. (Max. 350mA, 12V)

If no connections are made, do not remove the cap.

Red (Ignition wire)   ACC   Ignition key switch

Yellow (Battery wire)   B+   Car fuse box (Main fuse)

Black (Ground wire) ⊖ (To car chassis)   Battery

White ⊕ / White/black ⊖ : To front speaker (left)

Gray ⊕ / Gray/black ⊖ : To front speaker (right)

Green ⊕ / Green/black ⊖ : To rear speaker (left)

Purple ⊕ / Purple/black ⊖ : To rear speaker (right)

Connecting a USB device/iPod/iPhone

**iPod/iPhone except for iPhone 5/
iPod touch (5th Generation)/
iPod nano (7th Generation)
(sold separately)**

**KCA-iP102 (0.8 m)
(Sold separately)**

**KCA-iP22F (0.8 m)
(Sold separately)**

USB terminal

**iPod/Audio Visual
input 2 (iPod/AV IN2)
(iPod/AV Input 2
switchable)**

**iPhone 5/iPod touch (5th Generation)/
iPod nano (7th Generation) (sold
separately)**

**USB device
(sold separately)**

**CA-U1EX
(max.: 500 mA)
(Sold separately)**

**USB 2.0 cable (accessory of
the iPod/iPhone)**
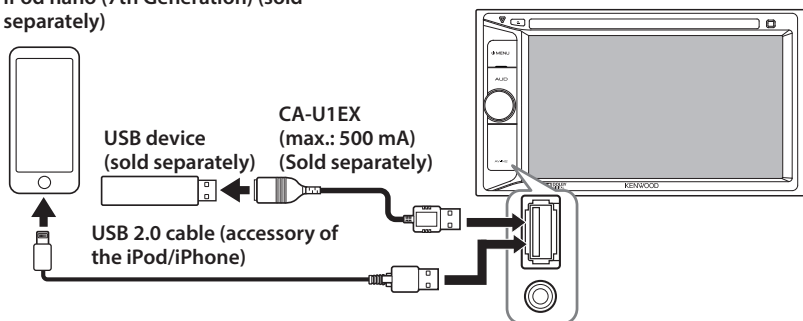
Installing/Removing the Unit

Installing the Unit (DDX155 only)
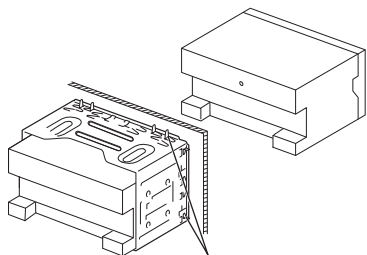
Bend the tabs of the mounting sleeve with a screwdriver or similar utensil and attach it in place.

⊜
• Make sure that the unit is installed securely in place. If the unit is unstable, it may malfunction (eg, the sound may skip).

Installing the Unit (DDX1035/ DDX1035M only)

⑥ or ⑦

Car Bracket

⑥ or ⑦
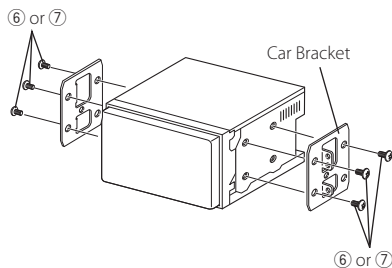
Installing the Trim Plate

1 Attach accessory ④ to the unit.

④
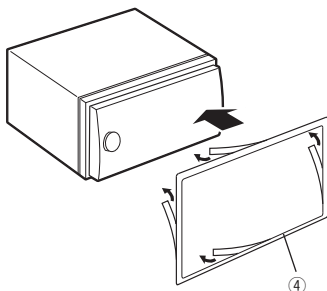
Removing the Trim Plate

1 Remove accessory ④ to the unit.


④
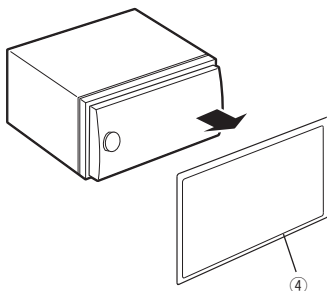
Removing the Unit (DDX155 only)

1 Remove the trim plate by referring to the removal procedure in the section "Removing the Trim Plate".

2 Insert the two extraction keys ⑤ deeply into the slots on each side, as shown. (The protrusion at the tip of the extraction key must face toward the unit.)

⑤
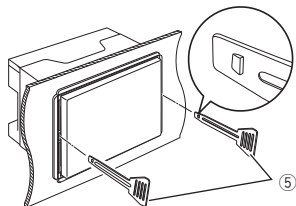
3 Pull out the unit halfway.
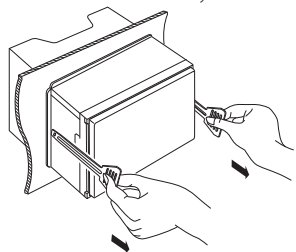
⁂
• Be careful to avoid injury from the catch pins on the removal tool.

4 Pull the unit all the way out with your hands, being careful not to drop it.
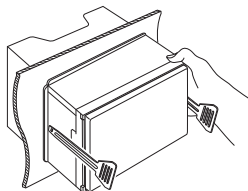
Specifications

Monitor section

Picture Size
: 6.2 inches (diagonal) wide
 137.40 mm (W) × 77.28 mm (H)

Display System
: Transparent TN LCD panel

Drive System
: TFT active matrix system

Number of Pixels
: 1,152,000 (800H × 480V × RGB)

Effective Pixels
: 99.99%

Pixel Arrangement
: RGB striped arrangement

Back Lighting
: LED

DVD player section

D/A Converter
: 24 bit

Audio Decoder
: Linear PCM/Dolby Digita/MP3/WMA

Video Decoder
: MPEG1/MPEG2/MPEG4

Wow & Flutter
: Below Measurable Limit

Frequency Response
: Sampling frequency;
 96 kHz: 20 Hz – 22,000 Hz
 48 kHz: 20 Hz – 22,000 Hz
 44.1 kHz: 20 Hz – 20,000 Hz

Total Harmonic Distortion
: 0.020% (1 kHz)

S/N Ratio (dB)
: 95 dB (DVD-Video 96 kHz)

Dynamic Range
: 90 dB (DVD-Video 96 kHz)

Disc Format
: DVD-Video/VIDEO-CD/CD-DA

Sampling frequency
: 44.1/48/96 kHz

Quantifying Bit Number
: 16/20/24 bit

USB interface section

USB Standard
: USB 2.0 Full Speed

File System
: FAT 16/32

Maximum Power Supply Current
: DC 5 V $\overline{}$ 1 A

D/A Converter
: 24 Bit

Video Decoder
: MPEG1/MPEG2/MPEG4

Audio Decoder
: MP3/WMA

FM tuner section

Frequency Range (50 kHz)
: 87.5 MHz – 108.0 MHz

Usable Sensitivity (S/N: 26 dB)
: 11.2 dBf (1.0 μV/75 Ω)

Quieting Sensitivity (S/N: 46 dB)
: 16.4 dBf (1.8 μV/75 Ω)

Frequency Response (± 3.0 dB)
: 30 Hz – 14 kHz

S/N Ratio (dB)
: 50 dB (MONO)

Selectivity (± 400 kHz)
: ≥ 80 dB

Stereo Separation
: 40 dB (1 kHz)

AM tuner section

Frequency Range (9 kHz)
: 531 kHz – 1611 kHz

Usable Sensitivity
: 25 μV

Video section

Color System of External Video Input
: NTSC/PAL
External Video Input Level (RCA/mini jack)
: 1 Vp-p/75 Ω
External Audio Max Input Level (RCA/mini jack)
: 1.5 V/10 kΩ
Video Output Level (RCA jack)
: 1 Vp-p/75 Ω
Video input Level (RCA jack)
: 1 Vp-p/75 Ω
Color System of DVD Video Output
: NTSC

Audio section

Maximum Power (Front & Rear)
: 40 W × 4
Full Bandwidth Power (Front & Rear)
(PWR DIN 45324, +B=14.4V)
: 20 W × 4
(at less than 1% THD)
: 14 W × 4
Preout Level (V)
: 2 V/10 kΩ
Preout Impedance
: ≤ 600 Ω
Speaker Impedance
: 4 Ω – 8 Ω
Tone
Bass: 100 Hz ± 15 dB
Middle: 1 kHz ± 15 dB
Treble: 12.5 kHz ± 15 dB

General

Operating Voltage
: 14.4 V (10.5 V – 16 V allowable)
Maximum Current Consumption
: 10 A
Operational Temperature Range
: −10℃ – +60℃
Installation Dimensions (W × H × D)
: 183.0 × 112.0 × 158.7 mm
(DDX155)
178.0 × 100.8 × 160.0 mm
(DDX1035/DDX1035M)
Weight
: 2.1 kg (DDX155)
1.9 kg (DDX1035/DDX1035M)

• Although the effective pixels for the liquid crystal panel is given as 99.99% or more, 0.01% of pixels may not light or may light incorrectly.
• Specifications are subject to change without notice.

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

使用之前

· 不得在以下位置安装任何装置或布设任何
  连接线:
  - 可能妨碍方向盘和变速杆的操作。
  - 可能妨碍安全气囊等安全装置的动作。
  - 可能妨碍视线。
· 开车时不得操作本机。
  如果在开车时需要操作本机，请务必仔细
  观察周围的安全。
· 驾驶人员在开车时一定不要观看显示器。

⚠ *显示器的注意事项:*

· 虽然本机的显示器采用高精度制造，但可
  能存在若干失效像素。这种现象无法避
  免，并不能认为存在缺陷。
· 不得将显示器暴露于直射阳光。
· 不得使用圆珠笔或其他尖端锋利的类似工
  具操作触控屏。
  请直接用手指点击触控屏上的按钮(带手套
  时请将手套摘下)。
· 如果温度过低或过高**...**
  - 内部将发生化学变化，造成故障。
  - 图像可能无法清晰显示或移动缓慢。在
    这种环境下，图像可能与声音不同步，
    或者画质可能下降。

关于安全...

· 请不要将音量开得过高，以免无法听到外
  面的声音而对开车造成危险，或者导致听
  力损失。
· 在进行任何复杂的操作之前，请将车停
  下。

车内的温度...

如果在炎热或寒冷的天气较长时间停车，
请等待车内的温度恢复到正常，然后再操
作本机。

■ 本机的复位方法

复位按钮 ————

如果本机无法正常操作，请按下复位按钮。
按下复位按钮后，本机恢复到出厂设定(已登
录的蓝牙装置除外)。

本使用说明书的阅读方法:
· 本使用说明书主要说明显示器盘和触控
  屏上按钮的操作方法。关于遥控器的使
  用操作，☞ 第48页。
· < >表示出现在触控屏上的可变画面/菜
  单/操作/设定。
· [ ]表示触控屏上的按钮。

出现在本使用说明书中的显示和屏幕是用
于提供明确的操作说明的例子。因此，它
们可能与实际的显示或屏幕有所不同。

使用激光的产品标志

```
CLASS 1
LASER PRODUCT
```

```
1类激光产品
```

贴在底架/壳体上的标签表示本装置使用分类
为1级的激光射束。这表明本机使用较弱等
级的激光射束。在本机的外面不存在受到辐
射的危险。

产品中有毒有害物质或元素的名称及含量

部件名称	有毒有害物质或元素					
	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr(VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
安装基板	×	○	○	×	○	○
框架	×	○	○	×	○	○
机芯（硬盘驱动器、DVD、CD 等）	×	○	○	×	○	○
电缆类	×	○	○	×	○	○
遥控器	×	○	○	×	○	○
麦克风	×	○	○	×	○	○
其他（附件）	×	○	○	×	○	○

○： 表示该有毒有害物质在该部件所有均质材料中的含量均在 GB/T26572-2011 标准规定的限量要求以下。
×： 表示该有毒有害物质至少在该部件的某一均质材料中的含量超出 GB/T26572-2011 标准规定的限量要求。

・此图标表示了中国《电子信息产品污染控制管理办法》规定的环保使用期限。
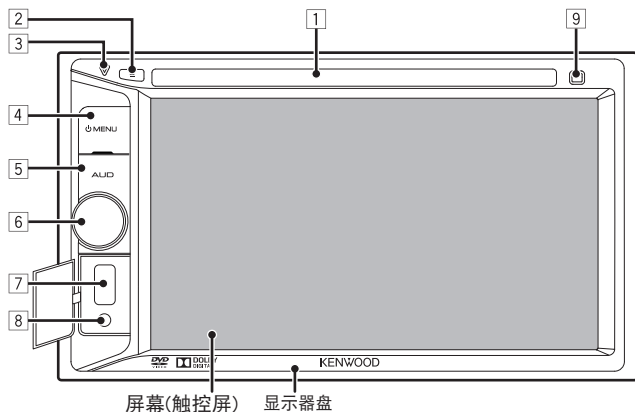只要用户在使用本产品时遵守注意事项中的各项规定，从制造日期开始到此图标标出的期限为止（环保使用期限）既不会污染环境也不会产生对人体有害的物质。
・附件和消耗性零件的环保使用期限如下所示:
（不同产品中包含的附件和消耗性零件也不相同。）
电缆类、遥控器、麦克风、天线、蓝牙适配器: 10年

主要介绍

主机概述

屏幕(触控屏)   显示器盘

1   光盘装载槽
2   ▲(弹出)按钮
    · 弹出光盘。
3   复位按钮/电源指示灯
    · 对本机复位。(☞ 第45页)
    · 本机的电源接通时点亮。
4   ⏻ MENU按钮
    · 切断电源。(按住)
    · 接通电源。(按下)
    · 显示<**Top Menu**>(主菜单)画面。
      (按下)
5   AUD按钮
    · 显示<**Equalizer**>(均衡器)画面。(按下)
      (☞ 第66页)
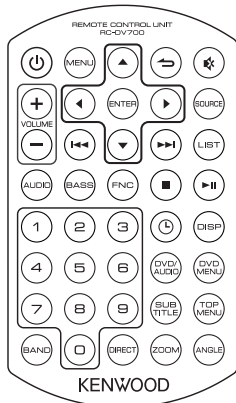6   音量/静音旋钮
    · 接通/切断静音。(按下)
    · 调节音量。(转动)

7   USB输入端子
8   iPod/AV IN2输入端子
9   遥感器

遥控器概述

⚠ 小心

· 请将电池放在儿童拿不到的地方，并且在使
用之前不要打开原包装。请妥善处理旧电
池。万一误吞了电池，请立即与医生取得
联系。
· 不得将电池放置在靠近火源或直射阳光
处。否则可能发生火灾、爆炸或异常发
热。
· 不得将遥控器放在仪表盘等较热处。
· 如果锂电池的更换方法错误，存在发生爆
炸的危险。仅限使用相同、或同等类型的
电池更换。

电池的安装方法

CR2025

❷ ❸ ❹
❶

· 如果遥控器的控制效果降低，请更换电
池。

REMOTE CONTROL UNIT
RC-DV700

KENWOOD
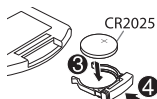
· 请将遥控器直接对准面板上的遥感器。
· 不得将遥感器暴露于明亮的光线(直射阳光
或人工照明)。

按钮	操作
⏻	接通/切断电源。
MENU	显示主菜单画面。
▲/▼/◄/►	选择项目。
ENTER	确认选择。
VOLUME +/–	调节音量。
⏮/⏭	自动搜索广播电台。（按下）
	手动搜索广播电台。（按住）
	选择音轨。（按下）
	向后搜索/向前搜索。（按住）
	操作菜单时返回到前层。
AUDIO	选择预设均衡器。
BASS	开启/关闭低音。
FNC	显示信号源的功能菜单。
0 – 9	输入数字。
BAND	选择波段。

按钮	操作
↩	从菜单退出。
🔇	静音/取消静音。
SOURCE	选择信号源。
LIST	显示选择的信号源的项目列表。
■	停止播放。
►II	开始/暂停播放。
🕐	显示时钟。
DISP	显示屏幕信息。
DVD MENU	显示DVD光盘菜单。
TOP MENU	返回DVD顶部菜单。
DVD/AUDIO	选择音频语言。
SUBTITLE	选择字幕语言。
ANGLE	选择观看角度。
ZOOM	放大图像。（不适用于播放静止图像。）
DIRECT	进入直接搜索模式。

设定时钟

1 显示<Top Menu>(主菜单)画面。
在信号源控制画面:

2 显示<SETUP>(设置)画面。
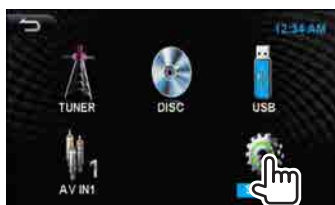
3 显示<General>(总体)画面。

4 显示<Clock>(时钟)画面。

5 选择小时或分钟。
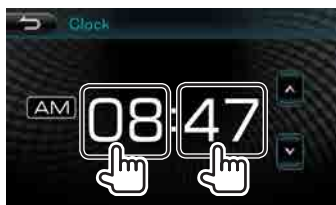
6 设定时钟时间。
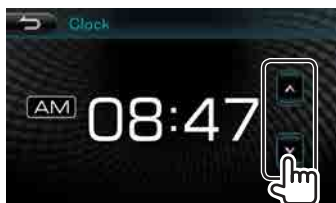
7 结束操作步骤。

AV信号源的操作方法

选择播放信号源

DISC（☞ 第52页）	播放光盘。
TUNER（☞ 第64页）	切换到电台广播。
iPod*1（☞ 第61页）	播放iPod/iPhone。
USB（☞ 第58页）	播放USB装置中的文件。
AV IN1/AV IN2*1 （☞ 第65页）	切换到连接在AV IN1和iPod/AV IN2输入端子的外部装置。

*1 对<**AV IN SETUP**>(AV IN设置)选择选择适当的输入设定。(☞ 第70页)

显示信号源控制画面
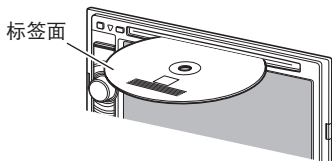
在视频播放画面
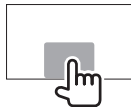
・触按屏幕后操作按钮消失。

光盘的操作方法

播放光盘

· 如果光盘没有光盘菜单，则重复播放其中的全部音轨，直到变更信号源或将光盘弹出为止。

■ 插入光盘

标签面

信号源变成"**DISC**"，并且开始播放。

> · 如果画面出现"⊘"，本机无法接受您试图进行的操作。。
> - 在某些情况下，即使不出现"⊘"也无法接受操作。
> · 播放多通道编码的光盘时，多通道信号被降混音处理为立体声。

■ 弹出光盘

· 在播放其他AV信号源时可弹出光盘。
· 弹出光盘后，如果在15秒钟内没有取走，光盘将自动被再次插入光盘装载槽以免被灰尘弄脏。

请水平**取出光盘**。

可播放的光盘类型

光盘类型	记录格式、文件类型等	可否播放
DVD	DVD视频 *¹ 区域代码: · 对于DDX155: 5 · 对于DDX1035: 3 · 对于DDX1035M: 2	✔ **OK**
	DVD音频/DVD-ROM	✘ **NO**
可刻录/可重写DVD **(DVD-R/-RW 、 +R/+RW *²)** · DVD视频: UDF桥 · MPEG1/MPEG2/MPEG4/ JPEG/MP3/WMA: ISO 9660 level 1, level 2, Romeo, Joliet	DVD视频	✔ **OK**
	MPEG1/MPEG2/MPEG4	
	JPEG	
	MP3/WMA	
	DVD-VR/DVD+VR/DVD-RAM/DivX/WAV/AAC	✘ **NO**
双面光盘	DVD面/非DVD面	✘ **NO**
CD/VCD	音频CD	✔ **OK**
	VCD(视频CD)	
	SVCD(超级视频CD)/CD-ROM/CD-I(CD-I兼容)	✘ **NO**
可刻录/可重写CD **(CD-R/-RW)** · ISO 9660 level 1, level 2, Romeo, Joliet	CD-DA	✔ **OK**
	VCD(视频CD)	
	MPEG1/MPEG2/MPEG4	
	JPEG	
	MP3/WMA	
	DivX/WAV/AAC	✘ **NO**

*¹ 如果插入一张其他区域代码的DVD视频光盘，画面将出现"DVD Region error"(DVD区域错误)。
*² 可播放已终结的+R/+RW(仅限视频格式)光盘。装入+R/+RW光盘时，选择"DVD"作为其光盘类型。无法播放+RW双层刻录光盘。

播放的操作方法

显示信号源控制画面， ☞ 第51页。

对于DVD/VCD/MPEG1/MPEG2/MPEG4/JPEG

媒体类型

・DVD视频: 标题号码/章节号码。
・MPEG1/MPEG2/MPEG4: 文件夹号码/音轨号码。
・JPEG: 文件夹号码/文件号码。
・VCD: 音轨号码。

播放时间

[**EQ**]	进入<**Equalizer**>(均衡器)设定。(☞ 第66页)	[I◀◀] [▶▶I]	・选择章节/音轨。(按下) ・向后/向前搜索。*¹ (按住)
[**BASS**]	开启/关闭低音。	[✿]	显示<**Set Up**>(设置)画面。(☞ 第70页)
[**DIM**]	开启/关闭调光器。	[☰] *²	显示DVD光盘菜单。
[◀ **1/3** ▶]	切换视频菜单。(☞ 第56, 68页)	[**MENU**]	显示<**Top Menu**>(主菜单)画面。
[**FNC**]	进入<**Function**>(功能)设定。(☞ 第56页)		
[II]	开始/暂停播放。		

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*¹ 根据光盘或文件的类型，搜索速度有所不同。
*² 对于VCD不出现。

对于CD/MP3/WMA

・MP3/WMA: 文件夹号码/音轨号码
・CD: 音轨号码

音轨/文件信息

播放时间

播放模式

[**EQ**]	进入<**Equalizer**>(均衡器)设定。(☞ 第66页)	[**|◄◄**] [**►►|**]	・选择音轨。(按下) ・向后/向前搜索。*¹ (按住)	
[**BASS**]	开启/关闭低音。	[☼]	显示<**Set Up**>(设置)画面。(☞ 第70页)	
[**DIM**]	开启/关闭调光器			
[◁»]	静音/取消静音。	[≡] *²	显示文件夹/音轨列表。(☞ 以下)	
[**FNC**]	进入<**Function**>(功能)设定。(☞ 第56页)			
[**II**]	开始/暂停播放。	[**MENU**]	显示<**Top Menu**>(主菜单)画面。	

*¹ 根据光盘或文件的类型，搜索速度有所不同。
*² 对于CD不出现。

在列表中选择文件夹/音轨

返回前一个画面　选择文件

选择音乐文件/照片
文件/电影文件

换页

播放可刻录/可重写光盘
・本机可识别共9999个文件和999个文件夹(一个文件夹最多含9999个文件)。
・仅可使用"finalized"(已终结)光盘。
・本机可播放多区段光盘。但是，未结束的区段在播放时将被跳过。
・根据其特性或录制条件，某些光盘或文件可能无法播放。

中文　●55

■ 视频菜单的操作方法

播放视频时，可显示视频菜单画面。
· 根据装载的光盘和播放的文件类型，画面上的有效项目有所不同。
· 触按屏幕后操作按钮消失。

Audio（音频）	选择音频类型。
Subtitle（字幕）	选择字幕类型。
MENU（菜单）	显示光盘菜单(DVD)。
Aspect（纵横比）	选择纵横比。(☞ 第68页)
Direct（直接选择）	显示/隐藏直接选择按钮。(☞ 以下)
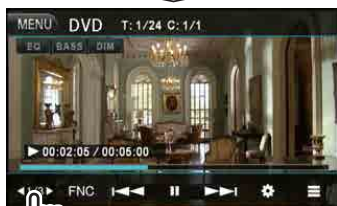
· 直接选择标题、章节、或时间

返回前一个画面　　　选择标题搜索/章节搜索/时间搜索

- 如果输错号码，按下[**X**]可删除上次的输入。
  按下[**CLR**]可删除全部输入。

设定功能

对于DVD

1

2

选择观看角度

· 每次按下该按钮，播放模式改变。
  - 根据装载的光盘和播放的文件类型，有效的项目有所不同。

设定*<Repeat>(重复播放)*

显示	播放模式
CH（章节）	重复播放当前的章节。
TT（标题）	重复播放当前的标题/节目。
All（全部）	重复播放全部标题/节目。
Off（取消）	取消全部重复播放功能。

设定*<Video Setting>(视频设定)*

· 可对视频播放变更设定。（☞ 第68页）

对于VCD

1

2

选择音频声道
(Stereo(立体声)/Left(左侧)/Right(右侧))

开启/关闭PBC功能

· 每次按下该按钮，播放模式改变。
  - 根据装载的光盘和播放的文件类型，有效的项目有所不同。

设定*<Repeat>(重复播放)*

显示	播放模式
One（一个）	重复播放当前的音轨。 （PBC功能切断时。）
All（全部）	重复播放全部音轨。

对于CD/MPEG1/MPEG2/MPEG4/MP3/WMA
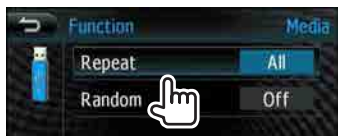
1

2

· 每次按下该按钮，播放模式改变。
  - 根据装载的光盘和播放的文件类型，有效的项目有所不同。

设定*<Repeat>(重复播放)*

显示	播放模式
One（一个）	重复播放当前的音轨。
Folder （文件夹）	重复播放当前文件夹内的全部音轨。（CD除外）
All（全部）	重复播放全部音轨。

设定*<Random>(随机播放)*

显示	播放模式
One（一个）	随机播放全部音轨。
Off（取消）	取消全部随机播放功能。

设定*<Video Setting>(视频设定)*

· 可对视频播放变更设定。（☞ 第68页）

USB装置的操作方法

播放USB装置

· 本机可播放存储在USB海量存储级装置内的JPEG/MPEG1/MPEG2/MPEG4/MP3/WMA文件。
· 本机可识别共9999个文件和999个文件夹（一个文件夹最多含9999个文件）。
· 请务必对所有重要的数据备份，防止数据丢失。

■ 连接USB装置

可将U盘、数字音频播放机等USB海量存储级装置与本机连接。
· 不可将电脑或携带式硬盘与USB输入端子连接。
· 连接USB装置，☞ 第79页。

连接了USB装置后...

信号源变成"**USB**"并开始播放。
· 重复播放USB装置内的全部音轨，直到变更信号源为止。

小心:

· 如果使用USB延长线，本机可能无法正常播放USB装置内的文件。
· 本机无法使用具备数据安全功能等特殊功能的USB装置。
· 不得使用有两个或更多分区的USB装置。
· 根据USB装置的形状和连接端口，某些USB装置可能无法正常连接、或连接可能松脱。
· 本机可能无法识别插在USB读卡器内的存储卡。
· 请使用USB 2.0连接线连接USB装置。
· 最多字符数量:
  – 文件夹名称: 15个字符
  – 文件名称: 15个字符
· 如果可能影响开车安全，请不要使用USB装置。
· 画面显示"Reading..."时，请不要重复地拔出和连接USB装置。
· 连接USB装置时发生的静电电击可能导致该装置发生播放异常。如果出现这种情况，切断USB装置的连接，然后对本机和USB装置复位。
· 对于某些USB装置，电源和操作可能无法工作。
· 请不要将USB装置放在车内、暴露于直射阳光、或放在高温处，防止该装置变形或损坏。

・**显示信号源控制画面，** ☞ 第51页。
・变更视频播放的设定，☞ 第56页。

・MPEG1/MPEG2/MPEG4/MP3/WMA: 文件夹号码/音轨号码
・JPEG: 文件夹号码/文件号码

播放时间

播放模式

音轨/文件信息确认
（对于MP3/WMA）

[**EQ**]	进入<**Equalizer**>(均衡器)设定。(☞ 第66页)	[I◄◄] [►►I]	・选择音轨。（按下） ・向后/向前搜索。 *¹ （按住）
[**BASS**]	开启/关闭低音。		
[**DIM**]	开启/关闭调光器。	[ ]	显示<**Set Up**>(设置)画面。 (☞ 第70页)
[ ]	静音/取消静音。		
[**FNC**]	进入<**Function**>(功能)设定。(☞ 第60页)	[ ]	显示文件夹/音轨列表。 (☞ 第55页)
[**II**]	开始/暂停播放。	[**MENU**]	显示<**Top Menu**>(主菜单) 画面。
・根据播放的文件类型，有效的项目有所不同。			

*¹ 根据光盘或文件的类型，搜索速度有所不同。

设定功能

对于音乐

1

2

设定<Repeat>(重复播放)

显示	播放模式
One(一个)	重复播放当前的音轨。
Folder(文件夹)	重复播放当前文件夹内的全部音轨。
All(全部)	重复播放全部音轨。

设定<Random>(随机播放)

显示	播放模式
On(接通)	随机播放全部音轨。
Off(取消)	取消全部随机播放功能。

对于照片/电影

1

2

开启/关闭幻灯播放

设定<Repeat>(重复播放)

显示	播放模式
One(一个)	重复播放当前的歌曲。
Folder(文件夹)	重复播放当前文件夹内的全部音轨。
All(全部)	重复播放全部歌曲。

设定<Video Setting>(视频设定)

· 可对视频播放变更设定。(☞ 第68页)

播放 iPod/iPhone 装置

■ 准备工作

· 连接 iPod/iPhone。（☞ 第79页）
  - 在连接 iPhone/iPod touch 之前，请关闭应用程序。否则连接后可能无法开始播放。
· 请使用以下连接线：
  - **观看视频和播放音乐(数字)**：iPod/iPhone 用 USB 音频视频连接线－KCA-iP22F(另行销售)
  - **播放音乐(数字)**：iPod/iPhone 用 USB 音频连接线－USB 2.0 连接线(iPod/iPhone 的附件)
· 按照连接方法对<**AV IN SETUP**>(AV IN 设置)选择适当的输入设定(☞ 右栏)
· 请不要使用延长线。

可与本机连接的 iPod/iPhone：
Made for
– iPod classic
– iPod nano (7th Generation)
– iPod nano (6th Generation)
– iPod nano (5th Generation)
– iPod nano (4th Generation)
– iPod nano (3rd Generation)
– iPod touch (5th Generation)
– iPod touch (4th Generation)
– iPod touch (3rd Generation)
– iPod touch (2nd Generation)
– iPhone 5
– iPhone 4S
– iPhone 4
– iPhone 3GS
– iPhone 3G

* 与 iPod nano(7th Generation)/iPod touch(5th Generation)/iPhone5 连接时，无法观看视频或使用 iPod touch/iPhone 应用程序。

设定 iPod 播放

如果信号源是"**iPod**"…

1

2
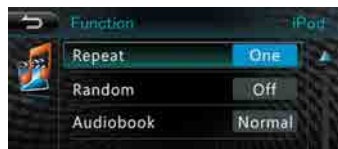
Audiobook (有声读物)	选择有声读物的速度。Normal(普通)/SIow(慢速)/Fast(快速)

对 iPod/iPhone 播放设定<AV IN SETUP>(AV IN 设置)

1 在<**Top Menu**>(主菜单)：

2
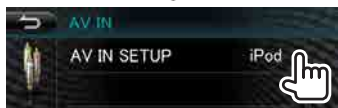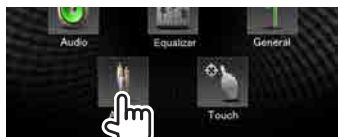
AV IN2	使用 iPod/iPhone 用 USB 音频连接线连接 iPod/iPhone 时选择。
iPod	使用 iPod/iPhone 用 USB 音频视频连接线连接 iPod/iPhone 时选择。

使用本机播放iPod/iPhone的操作方法

· **显示信号源控制画面，** ☞ 第51页。
· 变更视频播放的设定，☞ 第56页。

选择控制iPod/iPhone的播放
▣▣▣ :iPod模式
🖐 :主机模式

当前音轨号码/全部音轨号码

MENU   12:3▯ AM
EQ BASS DIM   ▯   ▯ 0007/0024

♪ Music Title
👤 Artist name
💿 Album Title

歌曲/视频信息

▶ 00:03:33/00:06:03 ↻All

◀)) FNC |◀◀ ▌▌ ▶▶| ⚙ ≡

播放时间   播放模式

[**EQ**] (均衡器)	进入<**Equalizer**>(均衡器)设定。(☞ 第66页)	[**Ⅱ**]	开始/暂停播放。
[**BASS**] (低音)	开启/关闭低音。	[|◀◀] [▶▶|]	· 选择音频/视频文件。 *¹ (按下) · 向后/向前搜索。(按住)
[**DIM**] (调光器)	开启/关闭调光器。		
[▣▣]	▣▣ : 控制iPod/iPhone的播放。 *² 🖐 : 控制本机的播放。	[⚙]	显示<**Set Up**>(设置)画面。 (☞ 第70页)
		[≡]	显示音乐/视频文件列表。 (☞ 第63页)
[◀)]	静音/取消静音。	[**MENU**] (菜单)	显示<**Top Menu**>(主菜单) 画面。
[**FNC**](功能)	进入<**Function**>(功能)设定。(☞ 第63页)		

*¹ 恢复播放不适用于视频文件。
*² 使用具备视频功能的iPod时，仅可通过本机控制播放。

· 接通本机时，iPod/iPhone通过本机充电。
· 文本信息可能无法正确显示。

· 某些iPod/iPhone机型在操作中可能发生性能不正常或不稳定。这时，请断开iPod/iPhone
  装置的连接，然后检查其状况。
  如果性能没有改善或动作较慢，请操作iPod/iPhone的复位。
· 关于iPod/iPhone的最新兼容性列表和软件版本，请浏览:
  www.kenwood.com/cs/ce/ipod

在菜单中选择音乐/视频文件

1

2
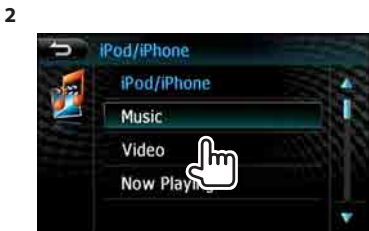
3 选择分类，然后选择需要的项目。
· 在选择的分层中选择项目，直到开始播放需要的文件。

音乐菜单：
播放列表/专辑/演员/流派/歌曲/作曲家/有声读物/播客

视频菜单：
电影/音乐视频/电视节目/视频播客

· 根据iPod/iPhone的类型，有效的分类有所不同。

设定功能

1

2

设定<Repeat>(重复播放)

显示	播放模式
One（一个）	重复播放当前的歌曲。
All（全部）	重复播放全部歌曲。
Off（取消）	取消全部重复播放功能。

设定<Random>(随机播放)

显示	播放模
Off（取消）	取消全部随机播放功能。
Songs（歌曲）	与"Shuffle Songs"(随机播放歌曲)的功能相同。
Albums（专辑）	与"Shuffle Albums"(随机播放专辑)的功能相同。

收听广播

显示RDS电台名称
（如果有效）

MENU   12:34 AM
EQ BASS DIM   LOCAL STEREO

87.80 MHz   FM1   ——— 当前调谐的波段号码/电台频率

1   2   3   4   5   6
87.80 88.30 88.70 89.80 90.70 91.20

🔊 FNC I◀◀ BAND ▶▶I ⚙ AME

[**EQ**] (均衡器)	进入<**Equalizer**>(均衡器)设定。(☞ 第66页)	[I◀◀] [▶▶I]	搜索电台。 ・自动搜索(按下) ・手动搜索(按住)
[**BASS**] (低音)	开启/关闭低音。	[**BAND**] (波段)	选择波段。 ➤FM1 ➝ FM2 ➝ FM3 └ AM2 ◀— AM1 ◀┘
[**DIM**] (调光器)	开启/关闭调光器。		
[**1**] - [**6**]	・选择存储的电台。(按下) ・存储当前的电台。(按住)	[⚙]	显示<**Set Up**>(设置)画面。 (☞ 第70页)
[🔊]	静音/取消静音。	[**AME**]	存储电台。
[**FNC**] (功能)	进入<**Function**>(功能)设定。(☞ 第64页)	[**MENU**] (菜单)	显示<**Top Menu**>(主菜单)画面。

仅调谐信号较强的FM电台－本地搜索

1

🔊 FNC I◀◀ BAND ▶▶I ⚙ AME

2

Function   Tuner
Local   On
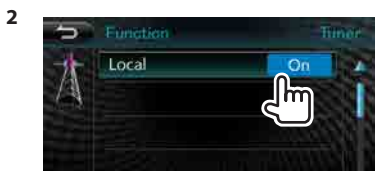
| **On**(接通) | 本选择仅调谐具备足够信号强度的电台。本地(LOCAL)指示灯点亮。 |
| **Off**(关闭) | 关闭本功能。 |

使用其他外部装置

AV IN

显示信号源控制画面, ☞ 第51页。

[**EQ**](均衡器)	进入<**Equalizer**>(均衡器)设定。(☞ 第66页)
[**BASS**](低音)	开启/关闭低音。
[**DIM**](调光器)	开启/关闭调光器。
[🔇]	静音/取消静音。
[⚙]	显示<**Set Up**>(设置)画面。(☞ 第70页)
[**MENU**](菜单)	显示<**Top Menu**>(主菜单)画面。

可将外部装置与AV IN1和iPod/AV IN2输入端子连接。

准备工作:
如果需要使用"**AV IN2**",请对<**AV IN SETUP**>(AV IN设置)设定选择[**AV IN2**]。(☞第70页)
· 对于"**AV IN1**"无需准备工作。

1 请将外部装置与AV IN1和iPod/AV IN2输
入端子连接。
连接外部装置,☞ 第78页和第79
页。

2 选择"AV IN1"或"AV IN2"作为信号源。
(☞ 第51页)

3 接通连接的装置,开始播放信号源。

调节声音

使用声音均衡器

· **本机在待机状态下无法调节声音。**

■ 选择预设声音模式

1 在<**Top Menu**>(主菜单):

2

3 选择声音模式。

■ 存储自设的调节

定制预设声音模式

1 选择声音模式。(☞ "选择预设声音模式")
2 调节各波段的电平。

恢复初始设定

Bass(低音)	-15 dB – +15 dB
Middle(中音)	-15 dB – +15 dB
Treble(高音)	-15 dB – +15 dB

调节被存储,<**User**>(用户)开启。

调节音频设定

扬声器设定

1 在<**Top Menu**>(主菜单):

2

3

4
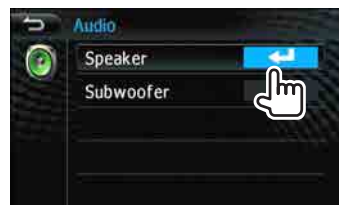
恢复初始设定

至重低音扬器设定

Fader（衰减器）	-12 – +12
Balance（平衡）	-12 – +12

重低音扬声器设定

1 在<**Top Menu**>(主菜单):

2

3

4

开启/关闭重低音扬声器。 恢复初始设定

至扬声器设定

Level（电平）	-6 dB – +6 dB
LPF (低通滤波器)	80Hz/ 120Hz/ 160Hz

设定视频播放

可对视频播放变更设定。

屏幕调节

可调节图像的画质。
1 选择[Video Setting](视频设定)。

2 调节图像(00至08)。

调节亮度　　　　调节颜色

调节对比度　　　恢复初始设定

变更纵横比

可对视频播放变更纵横比。
1

	4:3	16:9
对于16:9原始图像		
对于4:3LB原始图像		
对于4:3原始图像		

放缩图像

可放缩图像(<**X2**>/ <**X3**>/ <**X4**>/ <**1/2**>/ <**1/3**>/ <**1/4**>/ <**OFF**>)。
1

[▲][▼][◀][▶] : 移动放缩框。

使用后视摄像机

· 使用后视摄像机时，需要连接倒车导线。关于连接后视摄像机， ☞ 第78页。

■ 显示后视摄像机的图像

变速杆位于倒车(R)位置时显示后视画面。

· 触按屏幕可删除警示消息。

系统设置

设置项目		可选择的设定/项目　　　　　　　　　　　　初始状态: **标下线**
Audio	**Subwoofer** （重低音扬声器）	调节重低音扬声器电平和重低音扬声器低通滤波器的数值。（☞ 第67页）
	Speaker（扬声器）	调节前侧和后侧扬声器衰减器以及左侧和右侧扬声器的平衡设定。（☞ 第66页）
Equalizer	**Equalizer**（均衡器）	对各个信号源变更声音模式或者调节和存储均衡器数值。（☞ 第66页） ♦ **User**（用户）/**Pops**（流行音乐）/**Rock**（摇滚乐）/**Classic**（古典音乐）/**Jazz**（爵士乐）/**Vocal**（声乐）
AV IN	**AV IN SETUP** （AV IN设置）	可以决定是否使用iPod/AV IN2输入端子。 ♦ **AV IN2**　　　： 选择播放与iPod/AV IN2输入端子连接的AV装置。 ♦ **iPod**　　　： 使用iPod/iPhone用USB音频视频连接线连接iPod/iPhone时选择。（☞ 第79页）
General	**Beep**（提示音）	♦ **ON**　　　： 开启触键音。 ♦ **OFF**　　　： 关闭。
	Clock Mode（时钟模式）	♦ **12H**　　　： 12小时。 ♦ **24H**　　　： 24小时。
	Clock Adjust（时钟调节）	调节时钟的时间。（☞ 第50页）
	Language（语言）	选择用于屏幕信息显示的文本语言。 ♦ 对于 DDX155: **English**（英语）/**Russian**（俄语） 　对于 DDX1035/ DDX1035M: **English**（英语）/**Arabic**（拉伯语）
Touch	**Calibration**（校准）	调节画面上的按钮触按位置。（☞ 下页）

调节触按位置

如果触按的位置与完成的操作不一致，可调节触控屏上的触按位置。

1 在<**SETUP**>（设置）：

2 触按5个点标记的中心进行校准。

参考资料
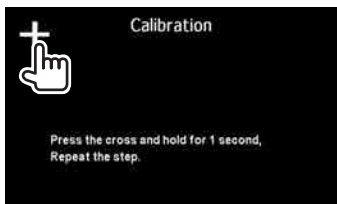
维护

■ 清洁本机时的注意事项

不得使用任何
溶剂(例如稀释
剂、汽油等)、
清洁剂、或者
杀虫剂。否则
可能损坏显示
器或本机。
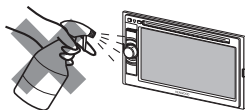
正确的清洁方法:
请使用柔软的干布轻轻擦拭面板。

■ 结露

发生以下情况时，在本机内部的透镜上可
能结露:
・ 在车内使用加热器后。
・ 如果车内的湿气较多。
如果发生这些情况，本机可能出现故障。这
时，弹出光盘，接通本机的电源保持数小
时，直到潮气蒸发。

■ 光盘的使用方法

从光盘盒中取出光盘时，
下压光盘盒的中央支架，
然后手持光盘边缘取出。
・ 请务必手持光盘边缘。
  不得触碰光盘的记录表
  面。

中央支架

将光盘装入光盘盒时，轻轻地将光盘插入中
央支架(印刷面朝上)。
・ 使用后务必将光盘放回光盘盒保管。

■ 保持光盘的清洁

弄脏的光盘可能无法正常播放。
如果光盘弄脏，请使用柔软的布
从中心向边缘沿直线擦拭。
・ 不得使用任何溶剂(例如，通
  常的唱片清洁剂、喷剂、稀
  释剂、汽油等)清洁光盘。

■ 播放新的光盘

新光盘的内外侧边缘可能有
毛刺。使用这种光盘时，本
机可能将光盘弹出。
请用铅笔或圆珠笔等**摩擦边
缘清除毛刺。**

请不要使用下列光盘:

8cmCD	弯曲的光盘

有贴纸或残留贴纸痕迹	贴有标签

异常形状	透明光盘 (或半透明光盘)

记录区域有透明或
半透明部分

对本机的更多了解

■ 文件的播放

播放MPEG1/MPEG2/MPEG4文件

- 本机可播放扩展码为<.mpg>、<.mpeg>、或<.avi>的MPEG1/MPEG2/MPEG4文件。
- 串流格式应符合MPEG系统/程序串流。文件格式应为MP@ML(主档次@主级)/SP@ML(简单档次@主级)/MP@LL(主档次@低级)/MPEG-4 SP(简单档次)。
- 音频串流应符合MPEG1音频层－2、Dolby Digital、或MP3。
- 视频信号(平均)的最大位速率为4Mbps。
- 采用隔行扫描模式编码的文件可能无法正常播放。

播放JPEG文件

- 本机可播放扩展码为<.jpg>的JPEG文件。
- 本机可播放分辨率为32×32至8192×7680的JPEG文件。
  显示文件可能需要一定的时间。
- 本机可播放基线JPEG文件。
  无法播放渐进式JPEG文件或无损压缩JPEG文件。

> 对于使用本机时iPod/iPhone以及USB海量存储级装置内数据的任何丢失，本公司概不承担责任。

播放MP3/WMA文件

- 本机可播放扩展码为<.mp3>或<.wma>的文件(与字母的大写/小写无关)。
- 本机可播放满足以下条件的文件:
  - 位速率:
    32 kbps － 320 kbps
  - 取样频率:
    8 kHz － 48 kHz
- 本机可显示ID3标签版本1.0/1.1/2.2/2.3/2.4(对于MP3)。
- 本机可显示WMA标签。
- 本机可播放采用VBR(可变位速率)记录的文件。
- 采用VBR记录的文件的经过时间显示存在差异。
- 本机无法播放下列文件:
  - 采用MP3i和MP3 PRO格式编码的MP3文件。
  - 采用Layer 1/2编码的MP3文件。
  - 采用无损压缩、专业、以及声音格式编码的WMA文件。
  - 基于Windows Media® Audio以外的WMA文件。
  - 采用DRM拷贝保护的WMA文件。
  -

■ 通过后侧端子发送的声音信号

通过模拟端子(扬声器输出/前侧预输出/后侧预输出)

发送2通道信号。播放多通道编码光盘时，多通道信号被降混音处理。

故障排除

似乎是故障的问题并不总是非常严重。在与客服中心联系之前，请先检查以下要点。
· 有关外部装置的操作，也请参照连接用适配器的使用说明书(以及外部装置的使用说明书)。

■ 如果似乎发生了问题

	现象	纠正方法/原因
总体	扬声器不出声音。	· 将音量调节到适当的程度。 · 检查导线和连接状态。
	本机完全不工作。	复位本机。(☞ 第45页)
	遥控器不工作。	更换电池。
调谐器	AME自动预设不工作。	手动存储电台。(☞ 第64页)
	收听广播时有静电噪音。	可靠连接天线。
光盘总体	· 无法播放可刻录/可重写光盘。 · 无法跳跃可刻录/可重写光盘的音轨。	· 插入已终结的光盘。 · 请通过用于记录的装置终结光盘。
	无法开始播放。	本机不兼容该文件的格式。
	外部显示器无图像。	· 请正确连接视频连接线。 · 请对外部显示器选择正确的输入。
MPEG1/MPEG2/MPEG4/ JPEG/MP3/WMA	无法播放光盘。	· 请使用兼容的应用程序在适当的光盘记录音轨。(☞ 第53页) · 请对文件名称附加适当的扩展码。
	无法播放需要播放的音轨。	播放顺序可能与使用其他播放机播放时的顺序不同。
AV IN1/ AV IN2	屏幕无图像。	· 请接通视频装置。 · 请正确连接视频装置。 · 选择"**AV IN2**"作为信号源时，请将<**AV IN SETUP**>(AV IN设置)设定为[**AV IN2**]。

现象	纠正方法/原因
扬声器不出声音。	・请断开iPod/iPhone的连接，然后重新连接。 ・选择其他信号源，然后重新选择"**iPod**"。
iPod/iPhone无法接通或无法工作。	・请检查连接线和其连接状态。 ・升级固件版本。 ・对电池充电。 ・请检查是否正确地选择了iPod/iPhone控制模式。(☞ 第62页) ・请操作iPod/iPhone的复位。
声音失真。	关闭本机或iPod/iPhone的均衡器。
产生许多噪音。	取消(取消选择)iPod的"VoiceOver"功能。有关详细内容，请浏览<http://www.apple.com>。
声音与视频不同步。	对<**AV IN SETUP**>(AV IN设置)选择<**iPod**>。(☞ 第70页)
・无法播放视频。 ・无法听到视频的声音。	・请连接USB音频视频连接线KCA-iP22F。无法使用其他连接线。 ・对<**AV IN SETUP**>(AV IN设置)选择<**iPod**>。(☞ 第70页)
"Reading..."始终在画面上闪烁。	切断电源，然后重新接通。
播放音轨时，声音有时中断。	音轨没有正常地复制在USB装置。重新复制音轨，然后再试一次。

左侧纵向标签：iPod/iPhone、USB

附件/安装步骤

附件

① *1

.........1

② *1

.........1

③

.........1 (2m)

④

.........1

⑤ *2

.........2

⑥ *1

.........6 (M5x6mm)

⑦ *1

.........6 (M5x7mm)
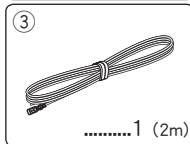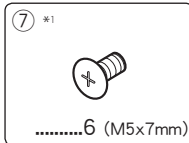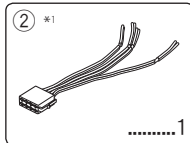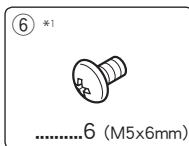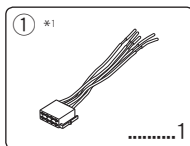
*1 仅限于DDX1035/
DDX1035M。
*2 仅限于DDX155。

安装步骤

1 为了防止发生短路，请拔出点火钥匙，断开蓄电池⊖的连接。
2 正确连接各装置的输入和输出连接线。
3 连接导线束的扬声器导线。(附件②)
4 按照下列顺序连接导线束:接地线、蓄电池导线、点火导线。(附件①)
5 将本机与导线束连接器连接。
6 将本机安装到汽车上。
7 重新连接蓄电池⊖。
8 按下复位按钮。
9 进行初始设置。
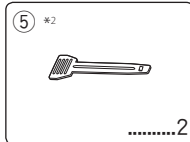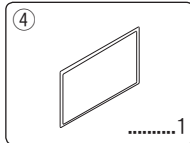
⚠ 警告

· 如果将点火导线(红色)和蓄电池导线(黄色)与汽车底盘(接地)连接，将造成短路，可能导致火灾。始终将这些导线通过保险丝盒与电源连接。
· 不得拆除点火导线(红色)和蓄电池导线(黄色)中的保险丝。电源必须通过保险丝与导线连接。

⚠

· 安装本产品和连接导线需要一定的技能和经验。为了保证安全，应请专业人员完成安装和连接导线作业。
· 应务必将本机与负极接地12V DC电源连接。
· 不要将本机安装在直射阳光、高温或高湿的位置。并且应避免过多的灰尘和可能溅到水的位置。
· 不要使用自备螺丝。只能使用随机提供的螺丝。如果使用了错误的螺丝，可能损坏本机。
· 如果汽车点火系统没有ACC位置，请连接点火线到可由点火开关控制接通或关闭的电源。如果将点火线连接到恒定电压的电源，如蓄电池电线，蓄电池将耗尽。
· 如果保险丝烧断，请先检查导线不得相碰形成短路，然后使用相同规格的保险丝更换旧保险丝。
· 使用聚氯乙稀绝缘带或其它类似材料绝缘未连接的电缆。为了避免短路，请勿移除未连接电线末端的、或端子的罩帽。
· 请将扬声器正确连接到其相应的端子。如果共用⊖导线或将其与车内的金属部件连接，本机可能损坏或无法工作。
· 如果只有两个扬声器与本系统连接，请将接头或者均与两个前侧输出端子连接、或者均与两个后侧输出端子连接(不得各使用一个)。例如，如果将左侧扬声器的⊕接头与前侧输出端子连接，则不得将⊖接头与后侧输出端子连接。
· 在安装设备之后，请检查刹车灯、信号灯、雨刷等是否工作正常。
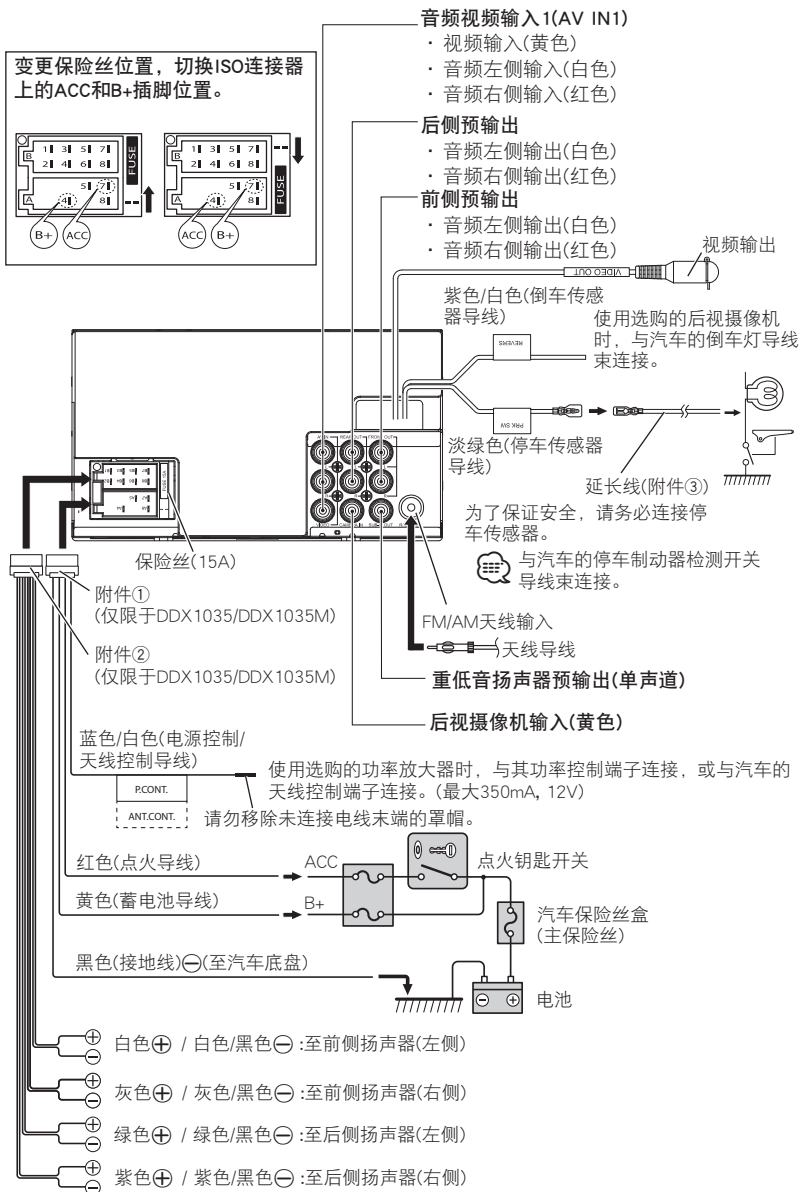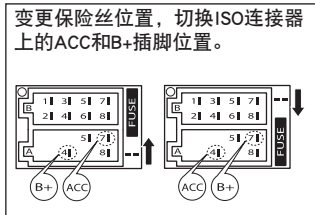· 应以30°或更小的安装角安装设备。
· 在向汽车安装本机时，请不要用力按压面板表面。否则可能导致划伤、损坏或发生故障。

将导线与端子连接

音频视频输入1(AV IN1)
- 视频输入(黄色)
- 音频左侧输入(白色)
- 音频右侧输入(红色)

变更保险丝位置，切换ISO连接器
上的ACC和B+插脚位置。

后侧预输出
- 音频左侧输出(白色)
- 音频右侧输出(红色)

前侧预输出
- 音频左侧输出(白色)
- 音频右侧输出(红色)

视频输出
VIDEO OUT

紫色/白色(倒车传感
器导线)

使用选购的后视摄像机
时，与汽车的倒车灯导线
束连接。

淡绿色(停车传感器
导线)

延长线(附件③)

为了保证安全，请务必连接停
车传感器。

与汽车的停车制动器检测开关
导线束连接。

保险丝(15A)

附件①
(仅限于DDX1035/DDX1035M)

附件②
(仅限于DDX1035/DDX1035M)

FM/AM天线输入

天线导线

重低音扬声器预输出(单声道)

后视摄像机输入(黄色)

蓝色/白色(电源控制/
天线控制导线)

P.CONT.

ANT.CONT.

使用选购的功率放大器时，与其功率控制端子连接，或与汽车的
天线控制端子连接。(最大350mA，12V)

请勿移除未连接电线末端的罩帽。

红色(点火导线)   ACC

点火钥匙开关

黄色(蓄电池导线)   B+

汽车保险丝盒
(主保险丝)

黑色(接地线)(至汽车底盘)

电池

白色⊕ / 白色/黑色⊖ :至前侧扬声器(左侧)

灰色⊕ / 灰色/黑色⊖ :至前侧扬声器(右侧)

绿色⊕ / 绿色/黑色⊖ :至后侧扬声器(左侧)

紫色⊕ / 紫色/黑色⊖ :至后侧扬声器(右侧)

连接USB装置/iPod/iPhone

iPod/iPhone(iPhone 5除外)/
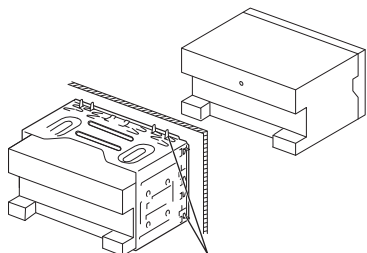iPod touch(5th Generation)/
iPod nano(7th Generation)(另行销售)

KCA-iP102(0.8 m)
（另行销售）

USB端子

KCA-iP22F(0.8 m)
（另行销售）

iPod/音频视频输入2
（iPod/AV IN2)(iPod/AV
输入2可切换）

iPhone 5/iPod touch(5th Generation)/
iPod nano(7th Generation)(另行销售)

USB装置
（另行销售）

CA-U1EX
（最大: 500 mA)
（另行销售）

USB 2.0连接线
（iPod/iPhone的附件）
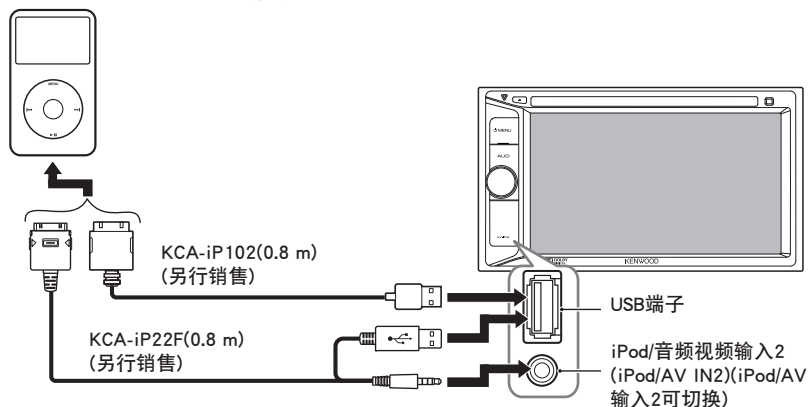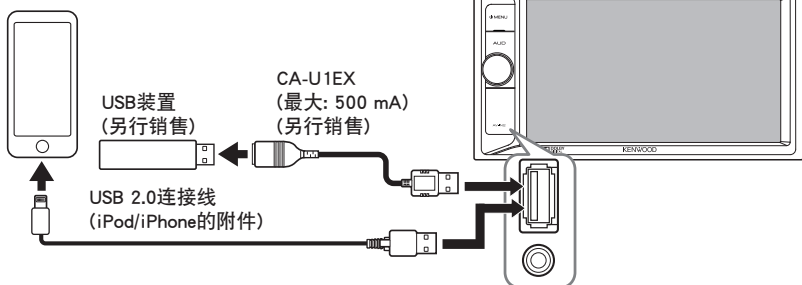
本机的安装/拆除

安装本机(仅限于DDX155)

使用螺丝刀等工具折弯安装套管凸耳部位,将其固定。

> ⓘ
> · 请检查本机应可靠安装。如果本机不稳定,可能发生故障(例如可能跳音)。

安装本机(仅限于DDX1035/DDX1035M)
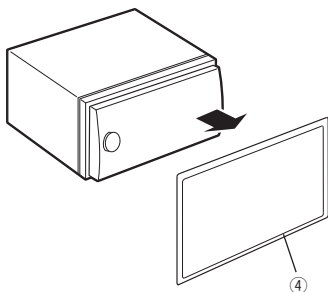
⑥或⑦
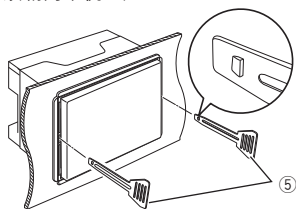
汽车托架

⑥或⑦
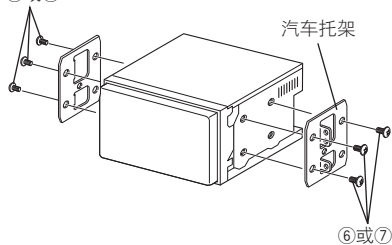
安装调节板
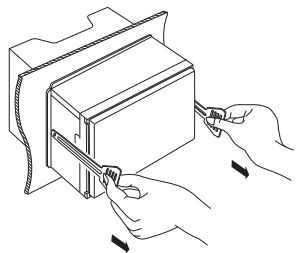
1　向本机安装附件④。

④
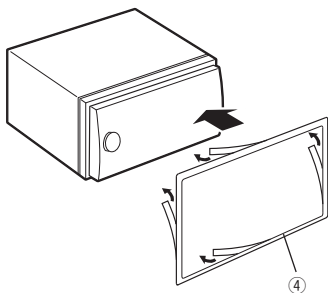
取下调节板

1　从本机上取下附件④。

④

拆除本机(仅限于DDX155)

1 请参照"取下调节板"部分的拆除步骤，取下调节板。
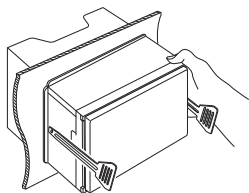
2 如图所示，将两个拆卸工具⑤深深插入两侧的槽内。(拆卸工具前端的突出部分必须朝向本机。)

3 将本机拉出一半。

⁂

· 请注意不要被拆卸工具的凸耳碰伤。

4 用手小心托住本机全部拉出，以免掉落。

技术规格

监视器部分

图像尺寸
: 6.2英寸(对角线)宽屏
137.40mm(宽)×77.28mm(高)

显示系统
: 透明TN LCD显示屏

驱动系统
: TFT有源矩阵系统

像素数量
: 1,152,000(800水平×480垂直×RGB)

有效像素
: 99.99%

像素排列
: RGB条纹排列

背光照明
: LED

DVD播放机部分

D/A转换器
: 24比特

音频解码器
: 线性PCM/Dolby Digita/MP3/WMA

视频解码器
: MPEG1/MPEG2/MPEG4

抖晃度
: 低于可测量极限

频率响应
: 采样频率:

96kHz :	20Hz – 22,000Hz
48kHz :	20Hz – 22,000Hz
44.1kHz :	20Hz – 20,000Hz

总谐波失真
: 0.020%(1kHz)

S/N 额定值(dB)
: 95dB(DVD视频 96kHz)

动态范围
: 90dB(DVD视频 96kHz)

光盘格式
: DVD视频/VCD/CD-DA

采样频率
: 44.1/48/96 kHz

量子化位数
: 16/20/24比特

USB接口部分

USB 标准
: 全速USB 2.0

文件系统
: FAT 16/32

最大电源电流
: DC 5 V ⎓ 1 A

D/A转换器
: 24比特

视频解码器
: MPEG1/MPEG2/MPEG4

音频解码器
: MP3/WMA

FM调谐器部分

频率范围(50kHz)
: 87.5MHz – 108.0MHz

可用灵敏度(S/N:26dB)
: 11.2dBf(1.0 μ V/75Ω)

静噪灵敏度(S/N:46dB)
: 16.4dBf(1.8 μ V/75Ω)

频率响应(±3.0dB)
: 30Hz – 14kHz

S/N 额定值(dB)
: 50dB(单声道)

选择性(± 400kHz)
: ≥ 80dB

立体声分离度
: 40dB(1kHz)

AM调谐器部分

频率范围(9kHz)
: 531kHz – 1611kHz

可用灵敏度
: 25μ V

视频部分

外部视频输入的彩色系统
: NTSC/PAL

外部视频输入电平(RCA/微型插口)
: 1 Vp-p/75Ω

外部音频最大输入电平(RCA/微型插口)
: 1.5V/10kΩ

视频输出电平(RCA插口)
：1Vp-p/75Ω
视频输入电平(RCA插口)
：1Vp-p/75Ω
DVD视频输出的彩色系统
：NTSC

音频部分

最大功率（前和后）
：40W×4
全带宽功率(前和后)
（PWR DIN 45324, +B=14.4V）
：20W×4
(THD1%以下)
：14W×4
预输出电平(V)
：2V/10kΩ
预输出阻抗
：≤ 600Ω
扬声器阻抗
：4Ω – 8Ω
音调

低音：	100Hz ± 15dB	
中音：	1kHz ± 15dB	
高音：	12.5kHz ± 15dB	

总体

工作电压
：14.4V(允许范围: 10.5V – 16V)
最大耗电电流
：10 A
工作温度范围
：-10℃ – +60℃
安装尺寸(宽×高×深)
：183.0×112.0×158.7mm
（DDX155）
178.0×100.8×160.0 mm
（DDX1035/DDX1035M）
重量
：2.1kg (DDX155)
1.9kg (DDX1035/DDX1035M)

- 虽然液晶显示面板的有效像素可达
99.99%或更高，但是仍有0.01%的像素
点可能不发光或者显示不正确。
- 技术规格可能变更，恕不另行通知。

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- Microsoft and Windows Media are either
registered trademarks or trademarks of
Microsoft Corporation in the United States
and/or other countries.
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的商标。
- "Made for iPod" and "Made for iPhone"
mean that an electronic accessory has been
designed to connect specifically to iPod, or
iPhone, respectively, and has been certified
by the developer to meet Apple performance
standards. Apple is not responsible for the
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WITH THE MPEG-4 VISUAL STANDARD
("MPEG-4 VIDEO") AND/OR（ⅱ）
DECODING MPEG-4 VIDEO THAT WAS
ENCODED BY A CONSUMER ENGAGED IN
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