

KENWOOD

DDX771
DDX491HD
DDX471HD
DDX371

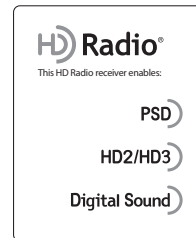
DDX310BT
DDX3071BT
DDX271
DDX2071

MONITOR WITH DVD RECEIVER
INSTRUCTION MANUAL

JVC KENWOOD Corporation



Bluetooth®



Take the time to read through this instruction manual.

Familiarity with installation and operation procedures will help you obtain the best performance from your new DVD-receiver.

For your records

Record the serial number, found on the back of the unit, in the spaces designated on the warranty card, and in the space provided below. Refer to the model and serial numbers whenever you call upon your Kenwood dealer for information or service on the product.

Model DDX771/DDX491HD/DDX471HD/DDX371/DDX310BT/DDX3071BT/DDX271/DDX2071 Serial number _____

US Residents Only

Register Online

Register your Kenwood product at www.Kenwoodusa.com

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How to read this manual:

- Illustrations of DDX771 are mainly used for explanation. 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.
- This manual mainly explains operations using the buttons on the monitor panel and touch panel. For operations using the remote controller (RC-DV340: supplied only for DDX3071BT/DDX2071), see page 49.
- < > indicates the various screens/menus/operations/settings that appear on the touch panel.
- [] indicates the buttons on the touch panel.
- **Indication language:** English indications are used for the purpose of explanation. You can select the indication language from the <Setup> menu. (Page 48)

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.

For DDX 3071BT/DDX2071:

The marking of products using lasers



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.

BEFORE USE

For DDX771/DDX491HD/DDX471HD/DDX371/ DDX310BT/DDX271:

⚠ CAUTION

Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure. In compliance with Federal Regulations, the following are reproductions of labels on, or inside the product relating to laser product safety.

JVC KENWOOD Corporation
2967-3, ISHIKAWA-MACHI, HACHIOJI-SHI, TOKYO,
JAPAN

THIS PRODUCT COMPLIES WITH DHHS RULES
21 CFR SUBCHAPTER J IN EFFECT AT DATE OF
MANUFACTURE.

Location : Top plate

For DDX771/DDX491HD/DDX471HD/DDX371/ DDX310BT/DDX271:

FCC WARNING

This equipment may generate or use radio frequency energy. Changes or modifications to this equipment may cause harmful interference unless the modifications are expressly approved in the instruction manual. The user could lose the authority to operate this equipment if an unauthorized change or modification is made.

FCC NOTE

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment may cause harmful interference to radio communications, if it is not installed and used in accordance with the instructions. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

⚠ Cautions on the monitor:

- The monitor built into 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 a sharp tip. Touch 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...

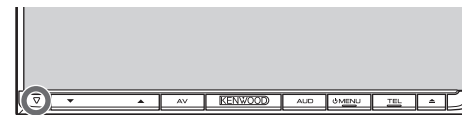
- Do not raise the volume level too much, as this will make driving dangerous by blocking outside sounds, and may cause hearing loss.
- Stop the car before performing any complicated operations.

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

DDX771



DDX491HD/DDX471HD/DDX371/DDX310BT/ DDX3071BT/DDX271/DDX2071



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).

INITIAL SETTINGS

Initials setup

When you power on the unit for the first time or reset the unit, the initial setting screen appears.

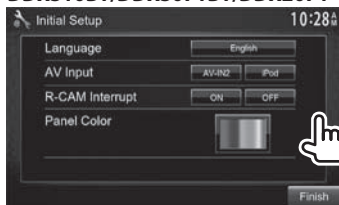
- You can also change the settings on the **<Setup>** screen. (Page 46)

1

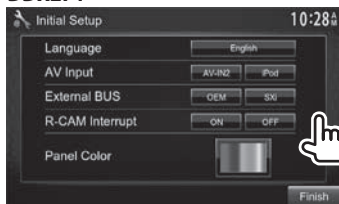
DDX771



DDX491HD/DDX471HD/DDX371/ DDX310BT/DDX3071BT/DDX2071



DDX271



<Language> Select the text language used for on-screen information. (Page 48)

- Set **<GUI Language>** to display the operation buttons and menu items in the selected language (**[Local]**: initially selected) or English (**[English]**).

<Angle>*1 Adjust the panel angle. (Page 7)

<AV Input> Select an external component connected to the iPod/AV-IN2 input terminal to play. (Page 47)

<External BUS>*2 Select the component connected to EXT I/F input terminal—**[OEM]** for ADS adapter or **[SXi]** for SiriusXM Connect Vehicle Tuner. (Page 47)

<R-CAM Interrupt> Select **[On]** when connecting the rear view camera. (Page 47)

<Panel Color> Select the color of the buttons on the monitor panel. (Page 43)

2 Finish the procedure.



The **<Top Menu>** screen is displayed.

*1 Only for DDX771.

*2 Only for DDX271.

Activating the security function

You can activate the security function to protect your receiver system against theft.

1 Display the **<Top Menu>** screen.

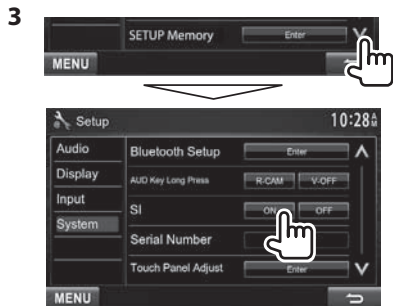
On the source control screen:



2 Display the **<System>** setting screen.



INITIAL SETTINGS



The security indicator on the monitor panel flashes when the vehicle ignition is off.

To deactivate the security function: Select [OFF] for <SI>.

Clock settings

- 1 Display the <Top Menu> screen.
On the source control screen:



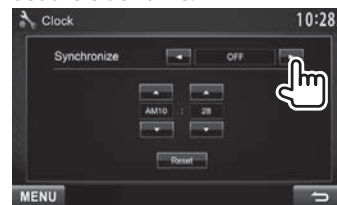
- 2 Display the <Setup> screen.



- 3 Display the <Clock> screen.



- 4 Set the clock time.



<Radio Data System> Synchronizes the clock time with FM RBDS.
<OFF> Sets the clock manually. (See below.)

When selecting <OFF>:
Adjust the hour (①), then adjust the minute (②).
• Press [Reset] to set the minute to "00".



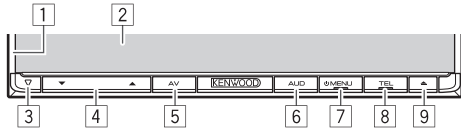
- 5 Finish the procedure.



BASICS

Component names and functions

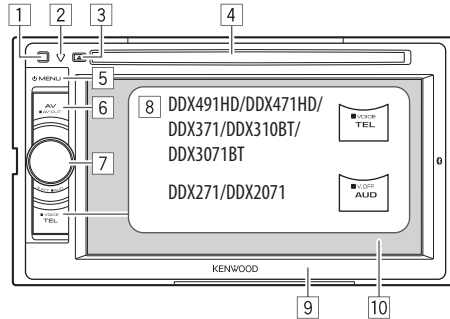
DDX771



- 1 Monitor panel*
- 2 Screen (touch panel)
- 3 Reset button/Power indicator/Security indicator
 - Resets the unit. (Page 3)
 - Lights up while the unit is turned on.
 - Flashes when the security function is activated. (Page 4)
- 4 Volume ▼/▲ button
 - Adjusts the audio volume. (Page 7)
- 5 AV/AV OUT button
 - Displays the current source screen. (Press)
 - Selects the AV source for external monitor or amplifier. (Hold)
- 6 AUD/R-CAM button
 - Displays the <Tone> screen. (Press) (Page 40)
 - The function of the button when held varies depending on the <AUD Key Long Press> setting. (Page 48)
- 7 MENU button
 - Displays the <Top Menu> screen. (Press) (Page 8)
 - Turns off the power. (Hold) (Page 7)
 - Turns on the power. (Press) (Page 7)
- 8 TEL/VOICE button
 - Displays the <Handsfree> screen. (Press) (Page 35)
 - Activates voice dialing. (Hold) (Page 37)

- 9 (Eject) button
 - Ejects the disc (Tilts the monitor panel fully).
 - Opens/closes the monitor panel.

DDX491HD/DDX471HD/DDX371/DDX310BT/ DDX3071BT/DDX271/DDX2071



- 1 Remote sensor
- 2 Reset button/Power indicator/Security indicator
 - Resets the unit. (Page 3)
 - Lights up while the unit is turned on.
 - Flashes when the security function is activated. (Page 4)
- 3 (Eject) button
 - Ejects the disc.
- 4 Loading slot
- 5 MENU button
 - Displays the <Top Menu> screen. (Press) (Page 8)
 - Turns off the power. (Hold) (Page 7)
 - Turns on the power. (Press) (Page 7)
- 6 AV/AV OUT button
 - Displays the current source screen. (Press)
 - Selects the AV source for external monitor or amplifier. (Hold)

- 7 For DDX491HD/DDX471HD/DDX371/
DDX310BT/DDX3071BT: Volume/ATT/AUD knob
 - Attenuates the sound. (Press) (Page 7)
 - Adjusts the audio volume. (Turn) (Page 7)
 - Displays the <Tone> screen. (Hold) (Page 40)

- For DDX271/DDX2071 Volume/ATT knob
 - Attenuates the sound. (Press) (Page 7)
 - Adjusts the audio volume. (Turn) (Page 7)

- 8 For DDX491HD/DDX471HD/DDX371/
DDX310BT/DDX3071BT: TEL/VOICE button
 - Displays the <Handsfree> screen. (Press) (Page 35)
 - The function of the button when held varies depending on the <TEL Key Long Press> setting. (Page 48)

- For DDX271/DDX2071: AUD/V.OFF button
 - Displays the <Tone> screen. (Press) (Page 40)
 - The function of the button when held varies depending on the <AUD Key Long Press> setting. (Page 48)

- 9 Monitor panel*
- 10 Screen (touch panel)

* You can change the color of the buttons on the monitor panel. (Page 43)

Caution on the volume setting:

Digital devices produce very little noise compared with other sources. Lower the volume before playing these digital sources to avoid damaging the speakers by sudden increase of the output level.

BASICS

Common operations

Turning on the power

DDX771 DDX491HD/DDX471HD/
DDX371/DDX310BT/
DDX3071BT/DDX271/DDX2071



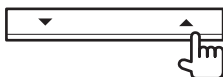
Turning off the power

DDX771 DDX491HD/DDX471HD/
DDX371/DDX310BT/
DDX3071BT/DDX271/DDX2071



Adjusting hevo lume

To adjust the volume (00 to 35)
DDX771



Press ▲ to increase, and press ▼ to decrease.
• Holding the button increases/decreases the volume continuously.

DDX491HD/DDX471HD/
DDX371/DDX310BT/
DDX3071BT/DDX271/DDX2071



Turn to the right to increase, and turn to the left to decrease.

To attenuate the sound (only for DDX491HD/
DDX471HD/DDX371/DDX310BT/DDX3071BT/
DDX271/DDX2071)

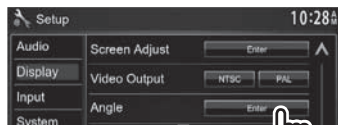
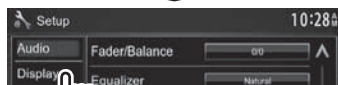


The ATT indicator lights up.

To cancel the attenuation: Press the same button again.

Adjusting the panel angle (only for DDX771)

- 1 Display the <Angle Adjust> screen.
On the <Top Menu> screen:



- 2 Select an angle (0 – 6).



- To set the current position as the power off position, select **[Memory]**.

Putting the unit in standby

- 1 Display all <Top Menu> items.
On the <Top Menu> screen:



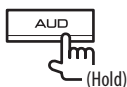
- 2



BASICS

Turning off the screen

DDX771*¹



DDX491HD/DDX471HD/
DDX371/DDX310BT/
DDX3071BT*²



DDX271/DDX2071*¹



To turn on the screen: Press MENU on the monitor panel, or touch the display.

*¹ This operation works only when <AUD Key Long Press> is set to [V-OFF]. (Page 48)

*² This operation works only when <TEL Key Long Press> is set to [V-OFF]. (Page 48)

Common screen operations

Common screen descriptions

You can display other screens any time to change the source, show the information, or change the settings, etc.

Source control screen

Performs source playback operations.

- The operation buttons vary depending on the selected source.



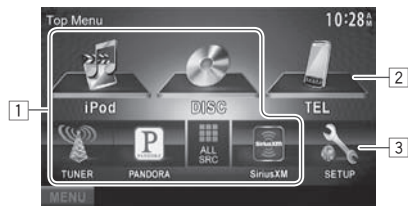
Common operation buttons:

[MENU]: Displays the <Top Menu> screen. (See below.)

- Pressing MENU on the monitor panel also displays the <Top Menu> screen.

<Top Menu> screen

Displays the source control screen and settings screen.



Common operating buttons:

- Changes the playback source. (Page 9)
 - Press [ALL SRC] to display all <Top Menu> items. (Page 9)
 - You can arrange the items to display on the <Top Menu> screen (Page 44)
- Displays the <Handsfree> screen. (Page 35)
- Displays the <Setup> screen. (See below.)

<Setup> screen

Changes the detailed settings. (Page 46)

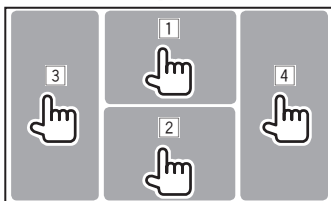


Common operating buttons:

- Selects the menu category.
- Displays the <Top Menu> screen.
- Changes the page.
- Returns to the previous screen.

BASICS

Touch screen operations



- 1 Displays the video control menu while playing a video.



- 2 Displays the source control screen while playing a video.



- The operation buttons disappear when the screen is touched or when no operation is done for about 5 seconds.

- 3 Goes to the previous chapter/track.*
4 Goes to the next chapter/track.*

* Not available for video from an external component.

Selecting the playback source



- You can change the items (other than [SETUP]) to display on the <Top Menu> screen. (Page 44)

- [DISC]** Plays a disc. (Page 10)
- [HD Radio]*1** Switches to the HD Radio broadcast. (Page 23)
- [TUNER]*2** Switches to the conventional radio broadcast. (Page 21)
- [iPod]** Plays an iPod/iPhone. (Page 15)
- [USB]** Plays files on a USB device. (Page 14)
- [PANDORA]*3** Switches to the Pandora broadcast. (Page 19)
- [SiriusXM]*3** Switches to the SiriusXM® radio broadcast. (Page 26)
- [TEL]*4** Displays the <Handsfree> screen. (Page 35)
- [Bluetooth]*4** Plays a Bluetooth audio player. (Page 39)
- [AV-IN1][AV-IN2]*5** Switches to an external component connected to the AV-IN1 and iPod/AV-IN2 input terminal. (Page 31)
- [OEM Features]*6** Switches to the sources via connected ADS adapter. (Page 56)

- *1 Only for DDX491HD/DDX471HD.
- *2 Only for DDX771/DDX371/DDX310BT/DDX3071BT/DDX271/DDX2071BT.
- *3 Only for DDX771/DDX491HD/DDX471HD/DDX371/DDX310BT/DDX271.
- *4 Only for DDX771/DDX491HD/DDX471HD/DDX371/DDX310BT/DDX3071BT.
- *5 Select an appropriate input setting in <AV Input>. (Page 47)
- *6 Only for DDX271: select an appropriate input setting in <External BUS>. (Page 47)

To display all sources and items on the <Top Menu> screen



DISCS

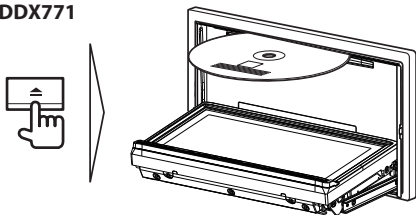
Playing a disc

- 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.
- For playable disc types/file types, see page 59.

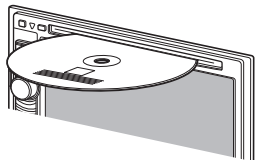
Inserting a disc

Insert a disc with the label side facing up.

DDX771



**DDX491HD/DDX471HD/DDX371/DDX310BT/
DDX3071BT/DDX271/DDX2071**



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

- The IN indicator lights up while a disc is inserted.

- 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


DDX771

**DDX491HD/DDX471HD/
DDX371/DDX310BT/
DDX3071BT/DDX271/DDX2071**



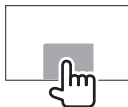
- When removing a disc, pull it horizontally.
- You can eject a disc when playing another AV source.
- If the ejected disc is not removed within 15 seconds, the disc is automatically inserted again into the loading slot to protect it from dust.

Closing the monitor panel (only for DDX771)

After removing the disc, press  on the monitor panel. The monitor panel closes.

Playback operations

- When the operation buttons are not displayed on the screen, touch the area shown on the illustration.
 - To change settings for video playback, see page 41.



Indications and buttons on the source control screen

For DV D/VCD/DivX/MPEG1/MPEG2/JPEG



Playback information

- 1 Media type
- 2 Current playback item information
 - DVD Video: Title no./Chapter no.
 - DivX/MPEG1/MPEG2: Folder no./Track no.
 - JPEG: Folder no./File no.
 - VCD: Track no.
- 3 Playing time
- 4 Playback mode (Page 13)
- 5 File type (for DivX/MPEG1/MPEG2/JPEG)
- 6 IN indicator