

# JVC

Audio

Important Notice on This Product

## KW-Z1001W KW-Z1000AW KW-Z800AW

MONITOR WITH RECEIVER

### Startup Guide

MONITEUR AVEC RÉCEPTEUR

### Guide de démarrage

MONITOR CON RECEPTOR

### Guía de inicio

JVCKENWOOD Corporation

- The user manual for these products can be found on the following website.  
<[https://www.jvc.net/cs/car/im\\_edition/im410/](https://www.jvc.net/cs/car/im_edition/im410/)>
- Le manuel d'utilisation de ces produits est disponible sur le site Web suivant.  
<[https://www.jvc.net/cs/car/im\\_edition/im410/](https://www.jvc.net/cs/car/im_edition/im410/)>
- Encontrará el manual del usuario de estos productos en el siguiente sitio web.  
<[https://www.jvc.net/cs/car/im\\_edition/im410/](https://www.jvc.net/cs/car/im_edition/im410/)>

Made for  
 iPhone

Works with  
 Apple CarPlay

Works with  
 Android Auto

**SiriusXM** READY

**SiriusXM** 360L

**HDMI**<sup>TM</sup>  
HIGH-DEFINITION MULTIMEDIA INTERFACE



The product with the Hi-Res Audio log is conformed to Hi-Res Audio standard defined by Japan Audio Society. The logo is used under license from Japan Audio Society.

**K2**  
TECHNOLOGY

 **Bluetooth**<sup>®</sup>

**Wi-Fi**<sup>®</sup>  
CERTIFIED

**HD Radio**<sup>®</sup>  
This HD Radio receiver enables:

- HD2/HD3
- Bookmark
- Digital Sound
- Program Info
- Artist Experience
- Emergency Alerts

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2. Licensor and User shall consult each other in good faith to resolve any matters not provided for in this agreement or questions arising from the interpretation of this agreement.
3. Licensor and User agree that this agreement is governed by the law of Japan and that all disputes involving claims and obligations that may arise out of this agreement will be settled by arbitration at the Tokyo District Court as the court of first instance.

# Before Use

## IMPORTANT

Please read this manual carefully to ensure proper use before using this product. It is especially important that you read and observe WARNINGS and CAUTIONS in this manual. Please keep the manual in a safe and accessible place for future reference.

## The structure of the manuals

The following manuals are available for this product.

### Startup Guide (this manual)

Explains how to safely use this device as well as how to install and connect it to your vehicle.

### Instruction Manual

Explains how to operate this device, troubleshoot suspected issues, and more.

The instruction manual is available in web format for viewing through your internet browser and in PDF format for viewing with a PDF viewer. It can be accessed via a smartphone, tablet, computer, and other digital devices on the following website. (Data transmission fees may apply)

[https://www.jvc.net/cs/car/im\\_edition/im410/](https://www.jvc.net/cs/car/im_edition/im410/)



## Support for this unit

The most up-to-date information on this device is posted on the recent information forum and other forums on this website.

<https://www.jvc.net/cs/car/>



## How to read this manual

- The screens and panels shown in this manual are examples used to provide a clear explanation of operations.

For this reason, they may be different from the actual screens or panels, or some display patterns may be different from the actual ones.

- Display language: English is used for the purpose of explanation. You can select a display language from the [SETUP] menu.
- [ ]: Indicates the name of touch keys.



This symbol on the product means there are important operating and maintenance instructions in this manual. Be sure to carefully read instructions in this manual.

## Precautions

### ⚠ WARNINGS

#### ■ To prevent injury or fire, take the following precautions:

- To prevent a short circuit, never put or leave any metallic objects (such as coins or metallic tools) inside the unit.
- Do not watch or fix your eyes on the unit's display when you are driving for any extended period.
- If you experience problems during installation, consult your JVC dealer.

#### ■ Precautions on using this unit

- When you purchase optional accessories, check with your JVC dealer to make sure that they work with your model and in your area.
- You can select a language to display menus, audio file tags, etc. See Instruction Manual.
- The Radio Broadcast Data System feature won't work in areas where the service is not supported by any broadcasting station.

#### ■ Protecting the monitor

- To protect the monitor from damage, do not operate the monitor using a ball point pen or similar tool with a sharp tip.

#### ■ Cleaning the unit

- If the faceplate of this unit is stained, wipe it with a dry soft cloth such as a silicon cloth. If the faceplate is stained badly, wipe it with a cloth moistened with neutral cleaner, then wipe it again with a clean soft dry cloth.



**NOTE**

- Applying spray cleaner directly to the unit may damage its mechanical parts. Wiping the faceplate with a hard cloth or using a volatile liquid such as thinner or alcohol may scratch the surface or erase the screened print.

**■ Caution for Smartphone Users**

Simultaneously running multiple applications on your smartphone while screen sharing places heavy demand on the microprocessor of the phone, potentially affecting communication and performance.

For best results while pairing with your JVC receiver, please be sure to close any unused applications.

**Note for specifications****■ Wi-Fi section****Frequency Range**

: Dual Band (2.4GHz/5GHz)

**■ Bluetooth section****Frequency**

: 2.402 – 2.480 GHz

**■ General****Operating Voltage**

: 12 V DC car battery

**Speaker Impedance**

: 4 – 8  $\Omega$

**Remote control****KW-Z800AW****▲ WARNING**

- Do not ingest the battery, Chemical Burn Hazard  
The remote control supplied with this product contains a coin/button cell battery. If the coin/button cell battery is swallowed, it can cause severe internal burns in just 2 hours and can lead to death.

- Keep new and used batteries away from children. If the battery compartment does not close securely, stop using the product and keep it away from children.
- If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.



**▲ CAUTION**

- Risk of fire or explosion if the battery is replaced by an incorrect type. Ensure to replace only with the same type.
- Risk of fire, explosion or the leakage of flammable liquid or gas if the battery is left in an extremely high temperature surrounding environment and/or subjected extremely low air pressure. The battery pack or batteries shall not be exposed to excessive heat such as sunshine, fire or the like.
- Risk of fire, explosion or the leakage of flammable liquid or gas if the battery is disposed into fire or a hot oven, recharged, shorted, mechanically crushed or cut of the battery.
- If spilled fluid comes in contact with your eyes or on clothing, immediately rinse with water and consult a physician.

**Changing the battery of the remote control unit**

- Use a commercially available button battery (CR2025).
- Insert the battery with the + and – poles aligned properly.
  - If the effectiveness of the remote controller decreases, replace the battery.

## Caution for button or coin batteries:

	This symbol on the product means there are important operating and maintenance instructions in this manual. Be sure to carefully read instructions in this manual.
	This symbol means that a button cell or coin battery is contained.

## WARNING

- **INGESTION HAZARD:** This product contains a button cell or coin battery.
- **DEATH** or serious injury can occur if ingested.
- A swallowed button cell or coin battery can cause **Internal Chemical Burns** in as little as **2 hours**.
- **KEEP** new and used batteries **OUT OF REACH of CHILDREN**
- **Seek immediate medical attention** if a battery is suspected to be swallowed or inserted inside any part of the body.




- Remove and immediately recycle or dispose of used batteries according to local regulations and keep away from children. Do NOT dispose of batteries in household trash or incinerate.
- Even used batteries may cause severe injury or death.
- Call a local poison control center for treatment information.
- Battery type: CR2025
- Nominal voltage: DC3V
- Non-rechargeable batteries are not to be recharged.
- Do not force discharge, recharge, disassemble, heat above 212°F (100°C) or incinerate. Doing so may result in injury due to venting, leakage or explosion resulting in chemical burns.
- Ensure the batteries are installed correctly according to polarity (+ and -).
- Do not mix old and new batteries, different brands or types of batteries, such as alkaline, carbon-zinc, or rechargeable batteries.
- Remove and immediately recycle or dispose of batteries from equipment not used for an extended period of time according to local regulations.
- Always completely secure the battery compartment. If the battery compartment does not close securely, stop using the product, remove the batteries, and keep them away from children.



# Getting Started

## Turning on the Unit

### KW-Z1001W/KW-Z1000AW

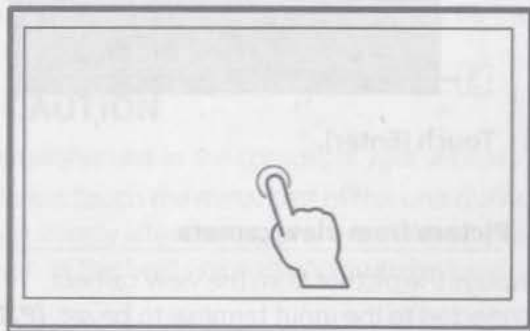
- 1 Press the  button.



The unit is turned on.

### KW-Z800AW

- 1 Touch the screen.



The unit is turned on.

## Initial SETUP


Perform this setup when you use this unit first time.

- 1 Set each item as follows.



### ■ [Language]

Select the language used for the control screen and setting items. Default is "American English(en)".

- ① Touch [Language].
- ② Touch [Language Select].
- ③ Select the desired language.
- ④ Touch .


### ■ [Clock]

Sets the synchronization of the clock.

### ■ [Display & Button]


Set button illumination color and viewing angle.

If it is hard to see the image on the screen even, adjust the viewing angle.

- ① Touch [Display & Button].
- ② Set each item and touch .

### ■ [Camera]

Set the parameters for the camera.

- ① Touch [Camera].
- ② Set each item and touch .

### ■ [Maestro SETUP]

Access settings for the iDatalink Maestro (commercially available), including settings menus for advanced camera controls, vehicle diagnostics, OEM Settings menus, and more. (Requires installation of an iDatalink Maestro in a compatible vehicle).

### ■ [Vehicle Features]

This function requires a commercial adaptor. Consult your JVC dealer for details.

### ■ [DEMO]

Set the demonstration mode. Default is "ON".

### ■ [System Configuration]

Configure the digital sound output settings. For details, see **System Configuration settings (P.7)**.

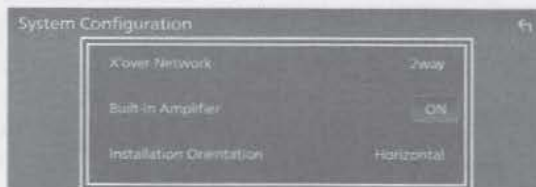
- 2 Touch [Finish].

### NOTE

- When configuring the [Installation Orientation], the system will restart after the [Finish] button is pressed.

## System Configuration settings

- 1 Touch [System Configuration] on the Initial SETUP screen.



### ■ [X'over Network]

Set X'over Network to either 2-way or 3-way.

- ① Touch [X'over Network].
- ② Read the message and press [Next].

## Getting Started

- ③ Select the crossover network mode.  
[2way] (Default) / [3way]
- ④ Touch [Yes].

### ▲ CAUTION

Connecting 3-way speakers with the 2-way mode selected can break the speakers.

### NOTE

- When installing a 3-way speaker, make sure to always first run Initialize and go through the user setup.

### ■ [Built-In Amplifier]

Select whether to use the built-in power amplifier. Turning off the built-in amplifier improves the quality of the sound from Preout.

[ON] (Default) / [OFF]


### ■ [Installation Orientation]

Set whether the main unit is oriented vertically or horizontally.

① Touch [Installation Orientation].

② Select the orientation.

[Horizontal] (Default) / [Vertical]

③ Touch .

Touch [Finish] and a message will appear.


Touch [Yes] to restart and apply the settings.


## To set up the camera assignment settings

### 1 KW-Z1001W/KW-Z1000AW

Press the  button.

KW-Z800AW

Touch  at the top of the screen.

Touch  HOME on the popup menu.

HOME screen appears.

### 2 Touch .

### 3 Touch [SETUP].

SETUP Menu screen appears.

### 4 Touch [Camera].

Camera setting menu appears.

### 5 Touch [Camera Assignment Settings] in the Camera setting menu.

### 6 Select the item to set up.

#### ■ [REAR VIEW CAMERA]

The rear camera is always connected to the rear view camera input terminals. This setting cannot be changed.

#### ■ [FRONT VIEW CAMERA]

Set the camera assignment from view camera connected to Front view camera input terminal.

#### ■ [3rd VIEW CAMERA]

Set the camera assignment from view camera connected to 3rd view camera input terminal.

#### ■ [VIDEO IN]

Set the camera assignment from view camera connected to Video input terminal.

## 7 Select the view camera to set up.



## 8 Touch [Enter].

### ① Picture from view camera

Displays the picture from the view camera connected to the input terminal to be set. (P.20)

### ② Camera Position

Assign each position to the view camera connected to the selected input terminal.  
Front/Left/Right/[None]

### ③ Mirroring setting \*1

Switch the mirroring setting.  
[ON]/[OFF] (Default)

\*1 The [FRONT VIEW CAMERA] and [3rd VIEW CAMERA] setting screens only.

### NOTE

- The screen shot above is for the [FRONT VIEW CAMERA] setting screen. It may be different from the ones for [3rd VIEW CAMERA] and [VIDEO IN].



# Connection/Installation

## Before Installation

Before installation of this unit, please note the following precautions.

### ⚠ WARNINGS

- 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.

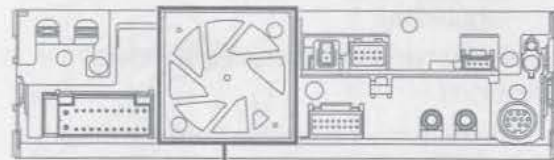
### ⚠ CAUTION

- 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.

### NOTE

- Mounting and wiring this product requires skills and experience. For best safety, leave the mounting and wiring work to professionals.
- Do not install the unit if it becomes an obstacle to driver performance.
- Adjust the panel position not to become an obstacle to driver performance.
- 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 the power is not turned ON ("There is an error in the speaker wiring. Please check the connections." is displayed), the speaker wire may have a short-circuit or touched the chassis of the vehicle and the protection function may have been activated. Therefore, the speaker wire should be checked.

- 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 console has a lid, the lid will not be closed even when the unit is installed correctly.
- 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  $\ominus$  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 mix front and rear). For example, if you connect the  $\oplus$  connector of the left speaker to a front output terminal, do not connect the  $\ominus$  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.
- This unit has the cooling fan to decrease the internal temperature. Do not mount the unit in a place where the cooling fan of the unit is blocked. Blocking these openings will inhibit the cooling of the internal temperature and result in malfunction.



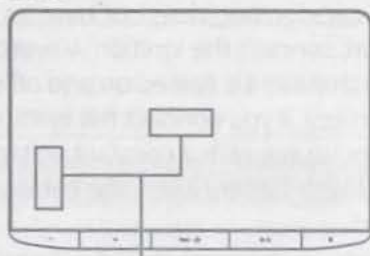
Cooling fan

- Do not press hard on the panel surface when installing the unit to the vehicle. Otherwise scars, damage, or failure may result.

## Connection/Installation

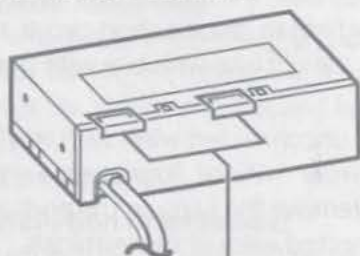
- Reception may drop if there are metal objects near the Bluetooth/Wi-Fi antenna.

### KW-Z1001W



Bluetooth/Wi-Fi antenna unit

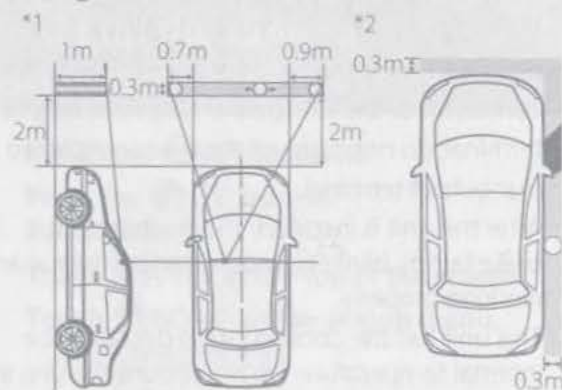
### KW-Z1000AW/KW-Z800AW



Bluetooth/Wi-Fi antenna unit

## ● Forward and Lateral Fields of Vision

- To determine driver's forward and lateral fields of vision under normal conditions, place a pole (directly visible from the front or visible through the car rear-view mirror) as shown.



- : Pole (height: 1m, diameter: 0.3m)
- : Field of vision from steering position
- : Exempted area (pole size is subject to regulation)

- For right hand drive vehicles, standards are reversed.



\*1 The pole must be visible from the driver's position as direct forward field of vision.

\*2 The pole must be directly visible or indirectly visible through the mirror, etc. from the driver's position.

## ■ Supplied accessories for installation

①	*1	x1
②	(1 m)	x1
③	(3 m)	x1
④	(M5 x 8 mm) *1	x4
⑤	(M5 x 8 mm) *1	x4
⑥	(3.5 m)	x1
⑦		x1
⑧	*1 *2  *3	x1
⑨	(M4 x 12 mm) *1 *2	x4
⑩	(Ø3 x 6 mm) (Black)	x3 *1 *2 x1 *3
⑪	(M4 x 8 mm) (Black) *1	x5
⑫	*1  *2	x1
⑬		x1
⑭		x1



15		x1
16	 (1.5 m) *3	x1

\*1 KW-Z1001W only

\*2 KW-Z1000AW only

\*3 KW-Z800AW only

## Installation procedure

1. To prevent a short circuit, remove the key from the ignition and disconnect the  $\ominus$  terminal of the battery.
2. Remove the vehicle parts for installing the unit and connecting wires to terminal.
3. Make the proper input and output wire connections for each unit.
4. Connect the speaker wires of the wiring harness.
5. Connect the wiring harness wires in the following order; ground, battery, ignition.
6. Determine the height of the display unit and position of the slider. See **Distance between the display unit and the main unit (P.12)**.
7. Connect the wiring harness connector to the unit.
8. Install the main unit to the vehicle.
9. Reinstall the vehicle parts.
10. Install the display unit.
11. Reconnect the  $\ominus$  terminal of the battery.
12. Perform the Initial Setup.  
See **Initial SETUP (P.7)**.

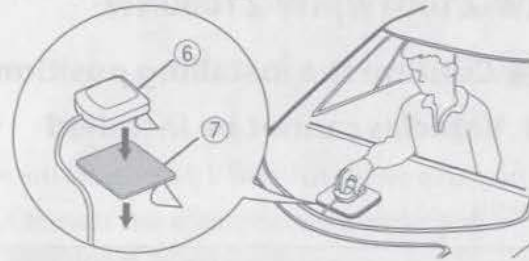
## Installing the accessories

### GPS antenna

GPS antenna is installed inside of the car. It should be installed as horizontally as possible to allow easy reception of the GPS satellite signals. To mount the GPS antenna inside your vehicle:

1. Clean your dashboard or other surface.
2. Remove the separator of the metal plate (accessory ⑦).
3. Press the metal plate (accessory ⑦) down firmly on your dashboard or other mounting surface. You can bend the metal plate (accessory ⑦) to conform to a curved surface, if necessary.

4. Remove the separator of the GPS antenna (accessory ⑥), and stick the antenna to the metal plate (accessory ⑦).

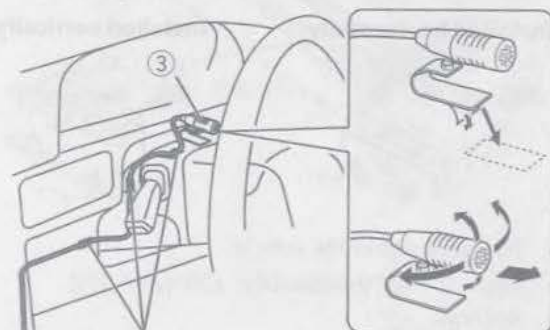


### NOTE

- Use the supplied GPS antenna. Using the GPS antenna other than the supplied one may cause a drop in positioning accuracy.
- Depending on the type of car, reception of the GPS satellite signals might not be possible with an inside installation.
- Please install this GPS antenna in an area away from any antennas that are used with CB radios or satellite televisions.
- The GPS antenna should be installed at a position that is spaced at least 12 inch (30 cm) from smartphone/cell-phone or other transmitting antennas. Signals from the GPS satellite may be interfered with by these types of communication.
- Painting the GPS antenna with (metallic) paint may cause a drop in performance.

### Microphone unit

1. Check the installation position of the microphone (accessory ③).
2. Clean the installation surface.
3. Remove the separator of the microphone (accessory ③), and stick the microphone to the place shown below.
4. Wire the microphone cable up to the unit with it secured at several positions using tape or other desired method.
5. Adjust the direction of the microphone (accessory ③) to the driver.



Fix a cable with a commercial item of tape.

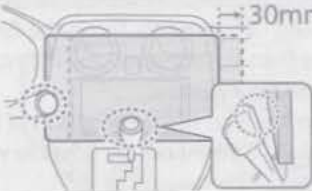

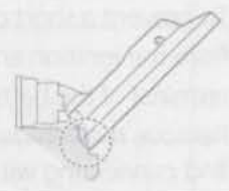
## Installing the Big Screen model

### KW-Z1001W/KW-Z1000AW

#### Confirm the installing position of the display unit

##### ● Vehicles cannot be installed

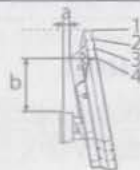
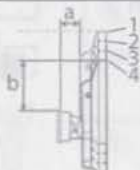
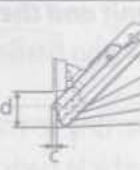
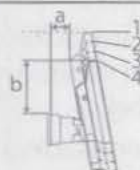
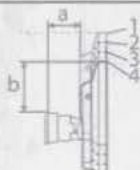
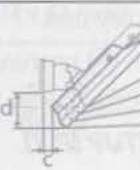
It may be possible to install if it can avoid the following by adjustment for slider position and display height.

Lever operations are interfered such as shift lever, wiper lever, winker lever when install the unit.	A hazard switch is hidden from a driver seat.	The display unit hits a panel on the vehicle.
		

\*1 The Display unit can move 30 mm to the left or right. It can be installed if it doesn't interfere with lever operation when moving.

##### ● Distance between the display unit and the main unit

Adjust slider position and display height so that it does not interfere with display movement.

Slider position	Display angle											
	-10°			0°			45°					
Back position			a	b			a	b			c	d
		1	10.8	126.5		1	30.0	123.6		1	25.6	20.9
		2	13.4	111.8		2		108.6		2	15.0	31.8
		3	16.0	97.2		3		93.6		3	4.4	42.1
		4	18.6	82.4		4		78.6		4	-6.2	52.7
Forward position			a	b			a	b			c	d
		1	29.8	126.5		1	49.0	123.6		1	44.6	20.9
		2	32.4	111.8		2		108.6		2	34.0	31.8
		3	35.0	97.2		3		93.6		3	23.4	42.1
		4	37.6	82.4		4		78.6		4	12.8	52.7

Unit: mm

##### ● Main unit allowable installation angles

###### Installed horizontally



- [F] : Front side of the vehicle
- Pitch : 0° - 40° (horizontally), ±20° (vertically)
- Roll/Yaw : ±5°

###### Installed vertically



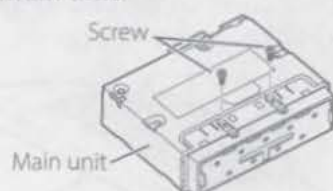
###### To install with the main unit separated from the display unit

- Depending on how the main unit is oriented, [Installation Orientation] may require configuring. (P.7)
- The KS-UA50 extension cable (150 cm / 4.9 ft, sold separately) is required to connect the display unit (accessory ⑧).

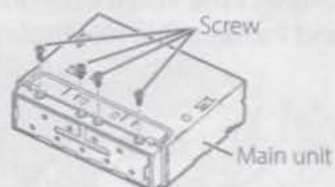


## Positioning the slider in forward (KW-Z1001W only)

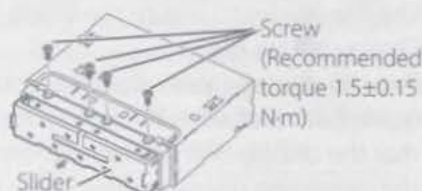
- 1 Remove the two screws from the top of the main unit.



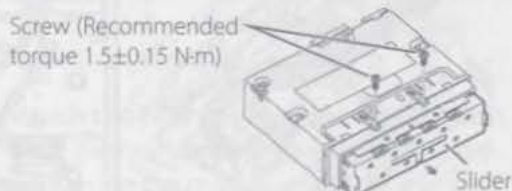
- 2 Remove the four screws from the bottom of the main unit.



- 3 Pull the slider block forward and reinstall the four screws to the bottom of the main unit.



- 4 Reinstall the two screws from the top of the main unit.



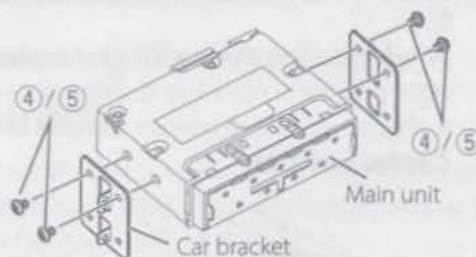
## Installing the main unit (KW-Z1001W only)

### NOTE

- Determine the slider position before installing the main unit. (P. 13) The slider position cannot be changed after installing to the vehicle.
- Make sure that the unit is installed securely in place. If the unit is unstable, it may malfunction.

- 1 Remove parts that interfere with installing such as a panel on the vehicle.

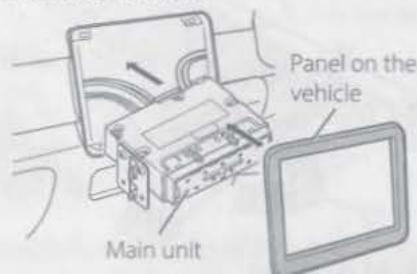
- 2 Install the car bracket to the main unit.



- 3 Connect the wiring harness wires and peripheral equipment.

- 4 Install the main unit to the vehicle.

- 5 Reinstall the removed parts such as a panel on the vehicle.



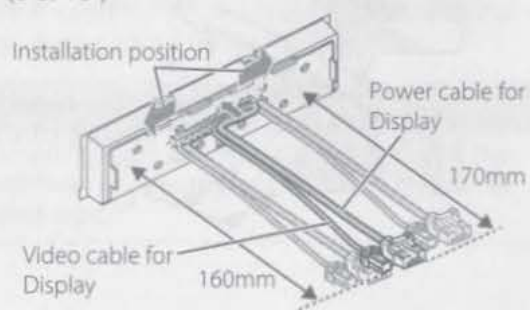
## Installing the arm bracket for the display unit

### (KW-Z1001W only)

- 1 Match the arm bracket (accessory ⑫) installation position to align with the length of the display cable.

Power cable for Display : about 170 mm (6-11/16")

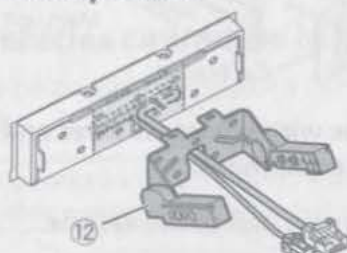
Video cable for Display : about 160 mm (6-5/16")



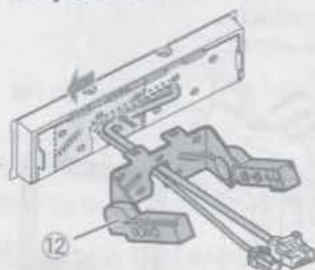
## 2 Positioning the arm bracket (accessory ⑫).

When installing the arm bracket in the left or right position, move the display cable so that it aligns with the groove in the arm bracket.

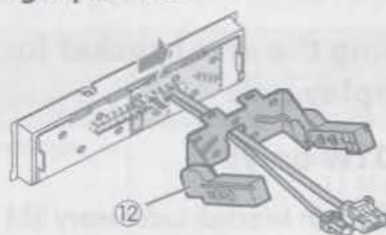
### Center position



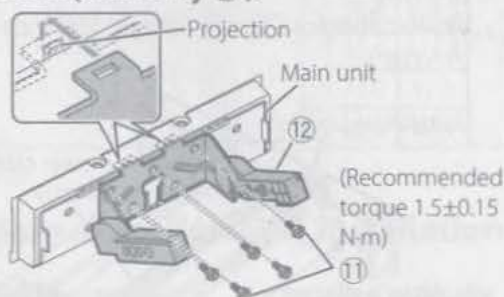
### Left position



### Right position



## 3 Fix the arm bracket (accessory ⑫) to the main unit with the five binding head screws (accessory ⑪).



## Installing the display unit and adjusting the height

### 1 Remove the rear cover from the display unit (accessory ⑧).

Slide the rear cover on the display unit (accessory ⑧) over and lift it up.



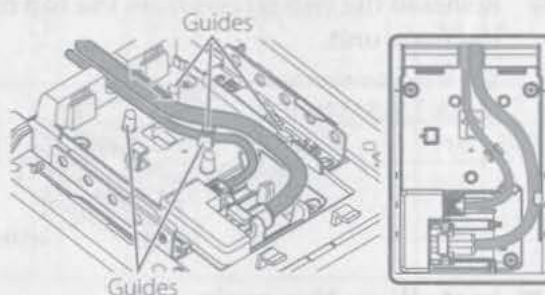
### 2 Connect the Video cable for Display (①) and Power cable for Display (②).



### 3 Run the display cables.

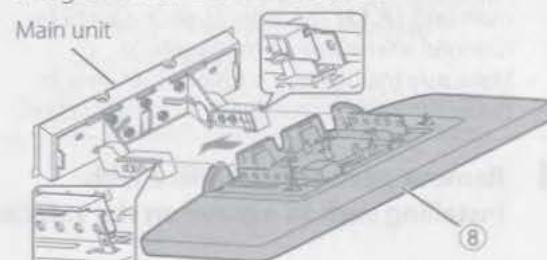
Use the guides to secure the Video cable for Display (①) in place.

Run the display cables along the interior guide path (between the posts). Install it so that the display unit has room to move. Tuck the remaining display cables inside the main unit.



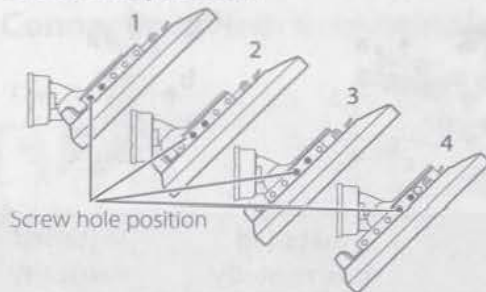
### 4 Install the display unit (accessory ⑧) to the main unit.

Install the unit so that the hooks on the display unit (accessory ⑧) are inserted into the groove on the arm bracket.

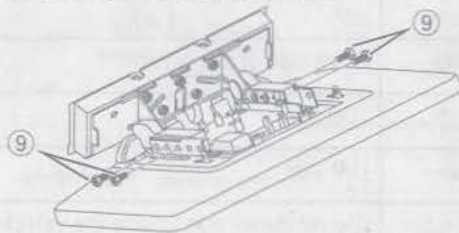




- 5** Adjust the display height according to the screw hole position.



- 6** Fix the display unit with four hexagon head screws (accessory ⑨).

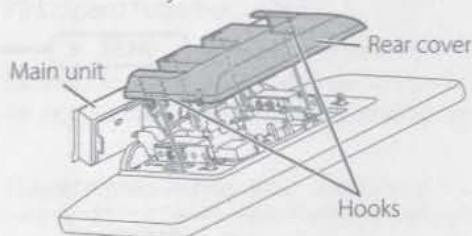


**NOTE**

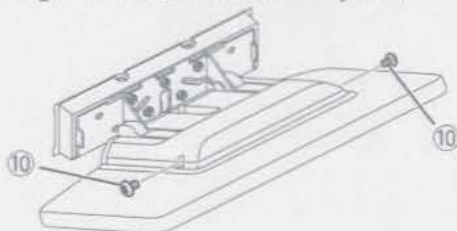
- Fix with hexagon head screws correctly. After installing the display unit (accessory ⑧) to the main unit, tilt the display forward until it stops and confirm that the display unit (accessory ⑧) does not hit vehicle parts. If the display unit hits vehicle parts, adjust the display height again.

- 7** Adjust the length of the display cable to align with the height of the display unit. Install it so that the display unit has room to move. Tuck the remaining display cable inside the main unit.

- 8** Attach the rear cover of the display unit. Insert the hooks on the rear cover into the grooves on the display unit. Slide it along the main unit until you hear a click.



- 9** Fix the display unit cover with two binding head screws (accessory ⑩).



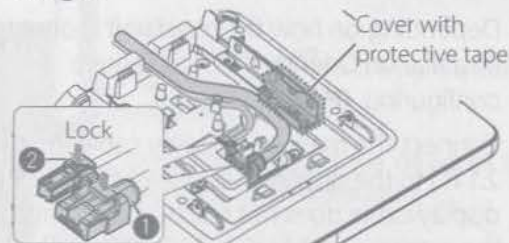
- 10** Raise the display manually.

**Removing the display cable**

**CAUTION**

- To prevent injuries to your hands and damage to the display cable, cover the metal parts with protective tape before working.
- Do not disconnect cables while the unit's power is on. Doing so could cause damage.

- 1** Apply protective tape so that it covers the metal parts in the shaded area in the image.



- 2** Press and hold the display cable lock and then remove the cable.

Disconnect the Power cable for Display (①) and Video cable for Display (②).

**Installing the Separate model**

**KW-Z1000AW/KW-Z800AW**

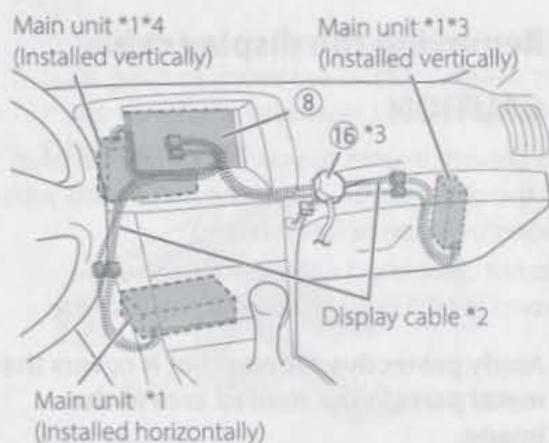
**Preparation**

- You may need the ADS installation kit to align with the installation vehicle.  
Link: <https://www.idatalinkmaestro.com>
- See the instruction manual included with the installation kit for how to install.

**NOTE**

- Be sure to install using the ADS installation kit. The unit may not operate properly if the installation kit is not used.

## Installation overview



- \*1 Depending on how the main unit is oriented, [Installation Orientation] may require configuring. (P.7)
- \*2 Connect the main unit display cable (65 cm / 2.1 ft.) to the display unit (accessory 8). If the display cable does not reach, you will need the extension cable KS-UA50 (150 cm / 4.9 ft, sold separately).
- \*3 KW-Z800AW only.
- \*4 KW-Z1000AW only.

## Installing the remote control sensor (KW-Z800AW only)

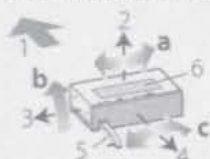
1. Confirm the installation location for the remote control sensor (accessory 16).
2. Clean the surface of the installation location.
3. Remove the separator on the remote control sensor (accessory 16) and attach the light receptor.
4. Use tape to secure the remote control sensor cable at several locations and run it to the display unit (accessory 8).

### NOTE

- Take note of the following precautions when installing the remote control sensor (accessory 16).
  - Install in a location that can easily receive the infrared signals from the remote control.
  - Select a location where double-sided tape can be used to secure the sensor.

## Main unit allowable installation angles

### Installed horizontally



### Installed vertically



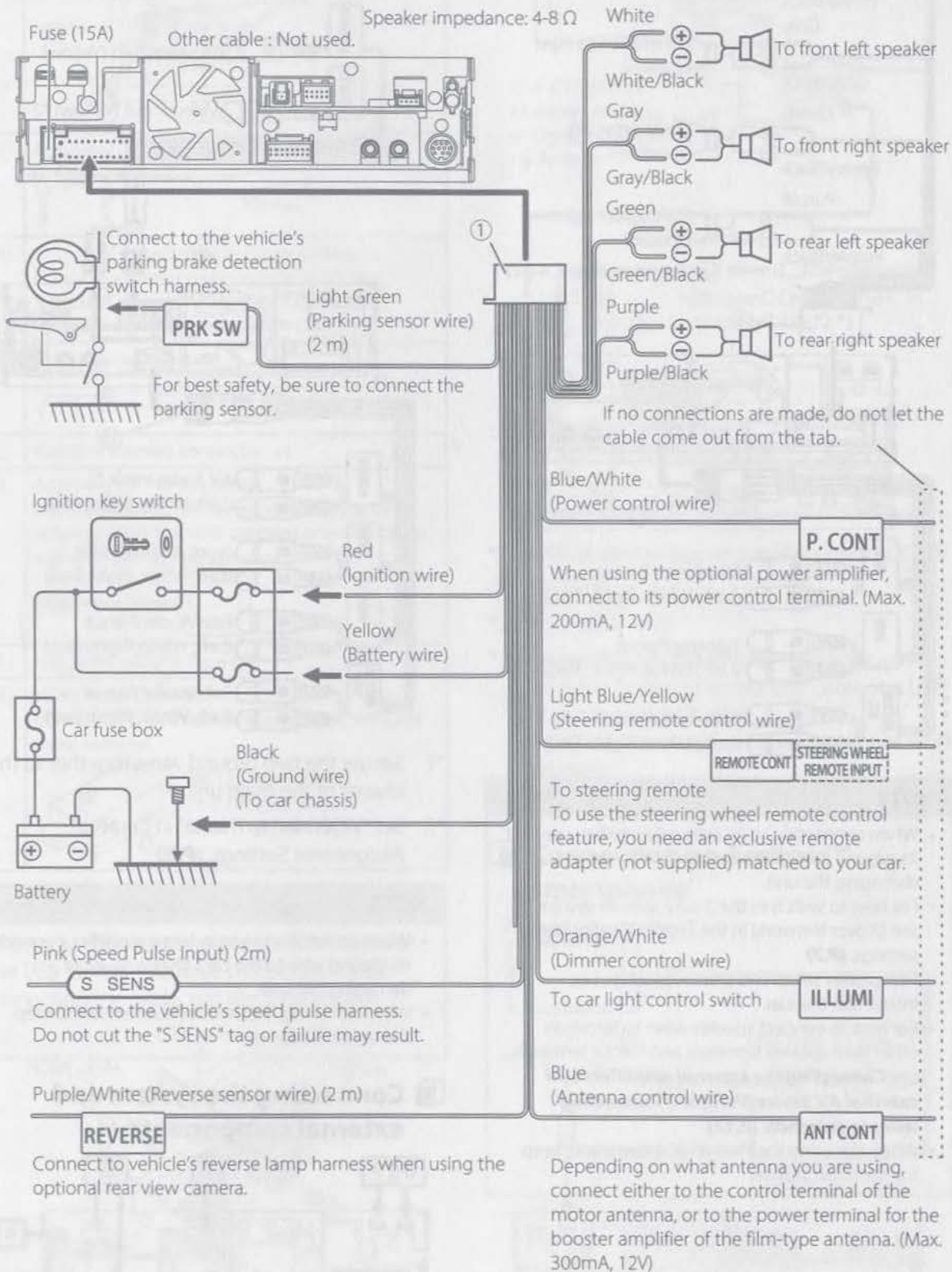
		Installed horizontally	Installed vertically
a	Yaw	$\pm 5^\circ$	$\pm 5^\circ$
b	Pitch	$0^\circ - 40^\circ$	$\pm 20^\circ$
c	Roll	$\pm 5^\circ$	$\pm 5^\circ$
1		Front side of the vehicle	
2		Top side	
3		Left side	
4		Cluster panel side (inside the vehicle interior)	
5		Display cable	
6		Model name plate	

- \*1 When installing the KW-Z1000AW, orient the face with the model number towards the front of the vehicle.

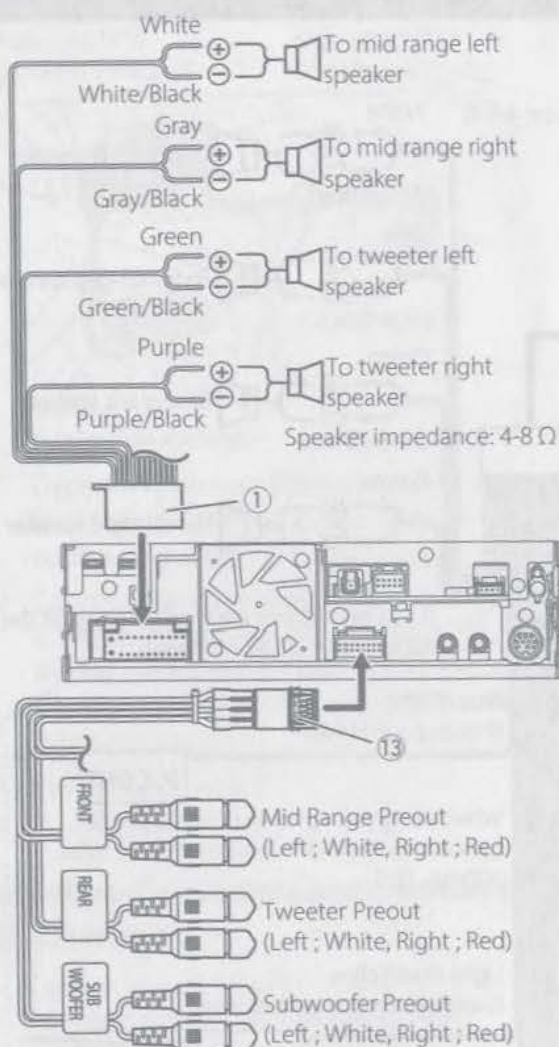


## Connecting the unit

### Connecting wires to terminals



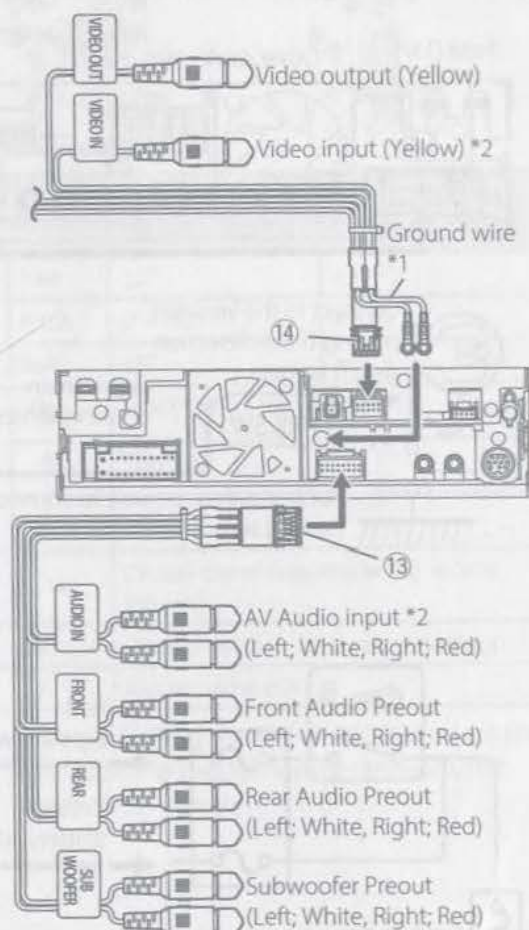
### 3-way speaker system setup



#### NOTE

- When connecting to an external amplifier, connect its ground wire to the car's chassis to avoid damaging the unit.
- For how to switch to the 3-way speaker system, see [X'over Network] in the System Configuration settings. (P.7)
- For speaker setup and crossover setup. See Instruction Manual.
- For how to connect speaker wires to terminals other than speaker terminals and Preout terminals, see **Connecting the external amplifiers and external AV device (P.18)** and **Connecting wires to terminals (P.17)**.
- When not using the Preout (RCA terminals), keep the terminal caps on.

### Connecting the external amplifiers and external AV device

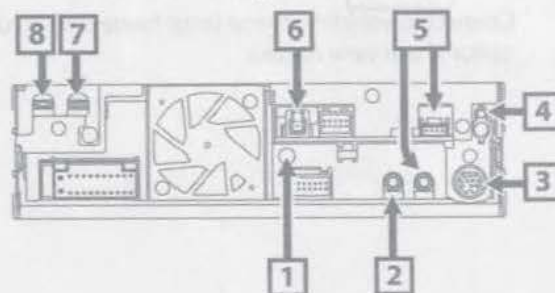


- \*1 Secure the two ground wires together to the chassis of the main unit.
- \*2 Set "VIDEO IN" to "None" in Camera Assignment Settings. (P.8)

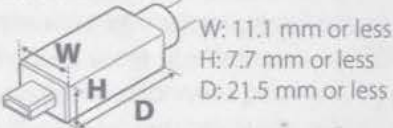
#### NOTE

- When connecting to an external amplifier, connect its ground wire to the car's chassis to avoid damaging the unit.
- When not using the Preout (RCA terminals), keep the terminal caps on.

### Connecting the system and external components

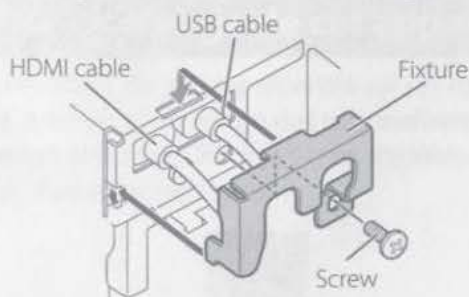




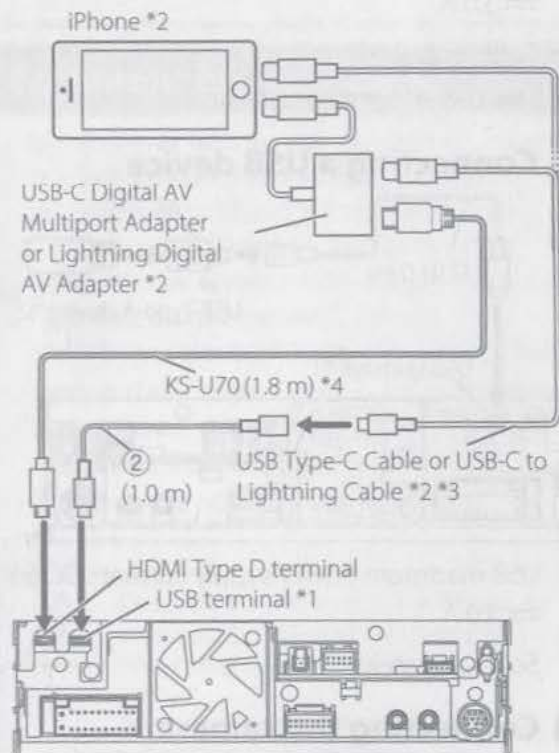
1	Secure both ground wires from accessory ⑭ together to the chassis as show in the diagram below.
2	Accessory ③ : Microphone
3	SiriusXM Connect Vehicle Tuner connector For more information on how to install the SiriusXM Connect Vehicle tuner, consult the installation guide included with the tuner.
4	FM/AM antenna input
5	iDatalink Maestro connector
6	Accessory ⑥ : GPS Antenna Use the supplied GPS antenna. Using the GPS antenna other than the supplied one may cause a drop in positioning accuracy.
7	USB terminal (USB Type-C*)
8	HDMI input (Type-D) Connect a KS-U70 (optional accessory) to HDMI input terminal. 

### Installation/removal of fixing bracket

When you connect the cable to HDMI terminal and USB terminal, remove the fixture. After connecting the cable, put the fixture again.



### Connecting an iPhone



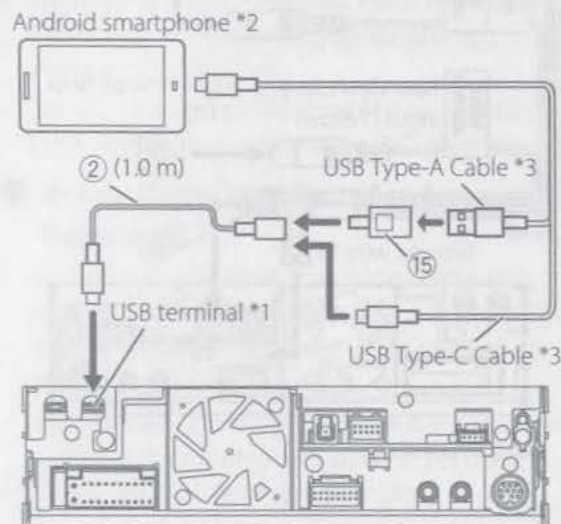
\*1 USB maximum power supply current : DC 5 V  
= 3.0 A

\*2 Sold separately.

\*3 Depending on the iPhone connector, use a genuine Apple Lightning-USB cable or a USB-IF certified USB-C\* cable.  
If you use non-certified cable, it may not work properly.

\*4 Optional accessory

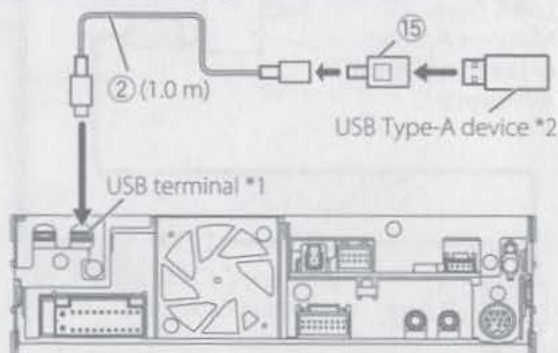
### Connecting an Android™ smartphone



## Connection/Installation

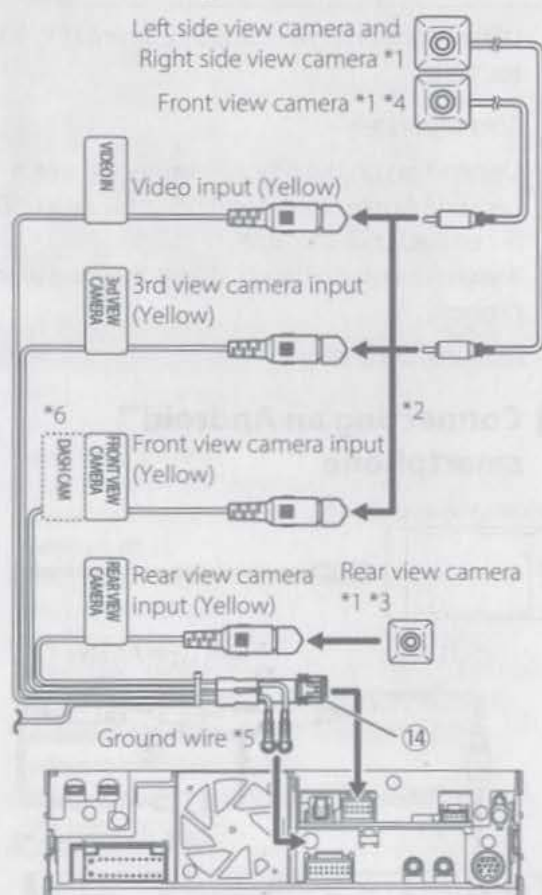
- \*1 USB maximum power supply current: DC 5 V  
= 3.0 A
- \*2 Sold separately.
- \*3 Use USB-IF certified USB cable.

### Connecting a USB device



- \*1 USB maximum power supply current: DC 5 V  
= 3.0 A
- \*2 Sold separately.

### Connecting the camera



- \*1 Sold separately.

- \*2 Up to 3 cameras of Front view camera, Left side view camera and Right side view camera can be connected. For more information, see **To set up the camera assignment settings (P.8)**.
- \*3 For HD video, connect an HD camera to Rear view camera input terminal.
- \*4 For HD video, connect an HD camera to Front view camera input terminal.
- \*5 Secure both ground wires to the same terminal.
- \*6 Dashboard camera connection is not supported.





## TO OUR VALUED CUSTOMER

THANK YOU FOR PURCHASING THIS JVC PRODUCT.  
WE WANT TO HELP YOU ACHIEVE A PERFECT EXPERIENCE.

NEED HELP ON HOW TO HOOK UP?  
NEED ASSISTANCE ON HOW TO OPERATE?  
NEED TO LOCATE A JVC SERVICE CENTER?  
LIKE TO PURCHASE ACCESSORIES?

**JVC** IS HERE TO HELP!  
TOLL FREE: 1 (800)252-5722  
<https://www.us.jvckenwood.com>

Remember to retain your Bill of Sale for Warranty Service.

**Do not attempt to service the product yourself**

### Caution

To prevent electrical shock, do not open the cabinet.  
There are no user serviceable parts inside.  
Please refer to qualified service personnel for repairs.

### PRODUCT REGISTRATION

We suggest that you register your product since it will enable us to contact you directly if it is ever necessary to correct a safety related condition in your product. You can register at <https://www.us.jvckenwood.com>. Please note that failure to register does not diminish any of your rights during the warranty period.

# JVC

## LIMITED WARRANTY

ONLY FOR PRODUCT PURCHASED IN U.S.A.

JVCKENWOOD USA Corporation warrants this product and all parts thereof, except as set forth below **ONLY TO THE ORIGINAL RETAIL PURCHASER** to be FREE FROM DEFECTIVE MATERIALS AND WORKMANSHIP from the date of original purchase for the period shown below. ("The Warranty Period")

**PARTS 1 YR / LABOR 1 YR : All car audio products**

**THIS LIMITED WARRANTY IS VALID ONLY IN THE FIFTY (50) UNITED STATES, THE DISTRICT OF COLUMBIA AND IN THE COMMONWEALTH OF PUERTO RICO.**

### WHAT WE WILL DO:

If this product is found to be defective within the warranty period, JVC will repair or replace defective parts with new or rebuilt equivalents at no charge to the original owner. Such repair and replacement services shall be rendered by JVC during normal business hours at JVC authorized service centers. Parts used for replacement are warranted only for the remainder of the Warranty Period. All products may be brought to a JVC authorized service center on a carry-in basis.

### WHAT YOU MUST DO FOR WARRANTY SERVICE:

Please do not return your product to the retailer. Instead, return your product to the JVC authorized service center nearest you. If shipping the product to the service center, please be sure to package it carefully, preferably in the original packaging, and include a brief description of the problem(s) and a copy of the proof of purchase to verify purchase date. Please call 1-800-252-5722 to locate the nearest JVC authorized service center. Service locations can also be obtained from our website <https://www.us.jvckenwood.com>.

If you have any questions concerning your JVC Product, please contact our Customer Care Center at 800-252-5722

### WHAT IS NOT COVERED:

This limited warranty provided by JVC does not cover:

1. Products which have been subject to abuse, accident, alteration, modification, tampering, negligence, misuse, faulty installation, lack of reasonable care, or if repaired or serviced by anyone other than a service facility authorized by JVC to render such service, or if affixed to any attachment not provided with the products, or if the model or serial number has been altered, tampered with, defaced or removed;
2. Initial installation, installation and removal from cabinets or mounting systems.
3. Operational adjustments covered in the Owner's Manual, normal maintenance, video and audio head cleaning;
4. Damage that occurs in shipment, due to act of God, and cosmetic damage;
5. Signal reception problems and failures due to line power surge;
6. User Removal Memory Devices/Video Pick-up Tubes/CCD Image Sensors are covered for 90 days from the date of purchase;
7. Accessories;
8. Batteries (except that Rechargeable Batteries are covered for 90 days from the date of purchase);
9. Products used for commercial purposes, including, but not limited to rental.
10. Loss of data resultant from malfunction of hard drive or other data storage device;

There are no express warranties except as listed above.

THE DURATION OF ANY IMPLIED WARRANTIES, INCLUDING THE IMPLIED WARRANTY OF MERCHANTABILITY, IS LIMITED TO THE DURATION OF THE EXPRESS WARRANTY HEREIN. JVC SHALL NOT BE LIABLE FOR ANY LOSS OF USE OF THE PRODUCT, INCONVENIENCE, OR ANY OTHER DAMAGES, WHETHER DIRECT, INCIDENTAL OR CONSEQUENTIAL (INCLUDING, WITHOUT LIMITATION, DAMAGE TO TAPES, RECORDS OR DISCS) RESULTING FROM THE USE OF THIS PRODUCT, OR ARISING OUT OF ANY BREACH OF THIS WARRANTY. ALL EXPRESS AND IMPLIED WARRANTIES, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR PARTICULAR PURPOSE, ARE LIMITED TO THE WARRANTY PERIOD SET FORTH ABOVE.

Some states do not allow the exclusion of incidental or consequential damages or limitations on how long an implied warranty lasts, so these limitations or exclusions may not apply to you. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

### JVCKENWOOD USA Corporation

PO Box 22745 Long Beach, CA 90801 (mail)  
4001 Worsham Avenue Long Beach, CA 90808  
<https://www.us.jvckenwood.com>

REFURBISHED PRODUCTS CARRY A SEPARATE WARRANTY, THIS WARRANTY DOES NOT APPLY. FOR DETAIL OF REFURBISHED PRODUCT WARRANTY, PLEASE REFER TO THE REFURBISHED PRODUCT WARRANTY INFORMATION PACKAGED WITH EACH REFURBISHED PRODUCT.

### For customer use:

Enter below the Model No. and Serial No. which is located either on the rear, bottom or side of the cabinet. Retain this information for future reference.

Model No.:

Serial No.:

Purchase date:

Name of dealer:





## WARRANTY

Warranty applies only to PRODUCT distributed in Canada by JVCKENWOOD CANADA INC.

JVCKENWOOD CANADA INC. (hereafter called "JVC") gives the following express warranty for each new JVC product distributed in Canada by JVC and sold by an authorized JVC dealer. JVC warrants that this JVC product is free, under normal use and maintenance, from any defects in material and workmanship subject to the following terms and conditions:

- To Obtain Warranty Service:**
  - JVC product requiring service must be presented together with proof of purchase.
  - The JVC product must be brought in for service to an authorized JVC Service Centre.
- Limitation:**

This Warranty shall not apply to:

  - Repair or replacement of any cabinets, batteries, plates, connection cords, antennas, dust covers, knobs, speaker grills and speaker cones
  - Any defects caused or repairs required as a result of misuse, abusive operation, negligence, improper use and/or insufficient care.
  - Any defect caused or repairs required as a result of not following the instructions in the operation manual.
  - Any JVC product tampered with, adjusted or repaired by any party other than JVC or authorized JVC Service Centre personnel.
  - Any JVC products on which the serial number has been defaced, modified or removed.
  - Maintenance, cleaning or periodic check-up
  - Conversion to foreign or domestic voltage or frequency.
  - Any JVC product without the Canadian Electrical Safety Regulations ID.
  - Any JVC products used for commercial or institutional, rental, or display purposes.

Parts ..... 1 year (except video head - 90 days)  
Labour .... 90 days

  - Any JVC product which has been resold and no longer owned by the original purchaser.
  - Product purchased from "outside Canada", "bankruptcy" or "liquidator".
  - Any defects caused by fire, flood, lightning, power surge, or other events beyond the control of JVC.
- FOR AUTO PRODUCTS**

Warranty does not cover elimination of car static or electrical interferences, cleaning of head, adjustments, or labour cost for the removal or reinstallation of the unit for repair.

- Standards:**

If any defects should be found in a JVC product within the applicable terms, necessary repairs shall be made at no cost to the purchaser for parts or labour when JVC acknowledges that such defects are due to faulty material or workmanship.
- Exclusion of All Other Express Warranties:**

This warranty constitutes the entire express warranty given by JVC for JVC products and no dealer or service centre personnel or his, it's or their agent or employee is, or are authorized to extend or enlarge this warranty on behalf of JVC.
- Disclaimer of Consequential Damage:**

To the extent the law permits JVC disclaims any responsibility for loss of time or use of its product, transportation costs, or any other indirect, incidental or consequential damage or inconvenience.

## WARRANTY TERM (VALID FROM THE DATE OF PURCHASE)

Product	Parts (Years)	Labour (Years)
Headphone, BT Speaker	1	1
Car Audio	1	1

## JVCKENWOOD CANADA INC.

6685 Millcreek Drive, Unit 8, Mississauga, Ontario, L5N 5M5, Canada  
TEL: (905) 670-7211 FAX: (905) 670-7244  
<https://www.jvc.ca> E-mail: [customerservice@ca.jvckenwood.com](mailto:customerservice@ca.jvckenwood.com)  
Product Registration: <https://myjvckenwood.ca>

## For customer use:

Enter below the Model No. and Serial No. which is located either on the rear, bottom or side of the cabinet. Retain this information for future reference.

Model No.: \_\_\_\_\_ Serial No.: \_\_\_\_\_  
Purchase date: \_\_\_\_\_ Name of dealer: \_\_\_\_\_



## GARANTIE

La garantie s'applique seulement aux PRODUITS distribués au Canada par JVCKENWOOD CANADA INC.

JVCKENWOOD CANADA INC. (ci-après appelé "JVC") énonce la garantie expresse suivante pour tout nouveau produit JVC distribué au Canada par JVC et vendu par un détaillant JVC autorisé. JVC vous garantit que ce produit est déposé, sous utilisation et entretien normal, de tout défaut matériel et de fabrication sous réserve des modalités et conditions suivantes:

- Pour obtenir un service de garantie:**
  - Les produits JVC nécessitant un service doit être présentée avec la preuve d'achat.
  - Le produit JVC doit être apporté pour service chez un centre de service JVC autorisé.
- Restrictions:**

Cette garantie ne s'applique pas aux:

  - Réparation ou remplacement de tout cabinet, batteries, panneau avant, cordons de raccord, antennes, housses de protection, boutons, couverts de haut-parleur, cônes de haut-parleur.
  - Tous défauts occasionnés ou réparations requises suite à une utilisation abusive, mauvaise, négligente et/ou une utilisation incorrecte.
  - Tous défauts occasionnés ou réparations requises suite à l'omission de suivre les recommandations du manuel d'instruction.
  - Tout produit JVC altéré, ajusté ou réparé par tout autre entreprise que JVC ou un centre de service d'entretien ou de service autorisé JVC.
  - Tout produit JVC dont le numéro de série a été altéré, modifié ou enlevé.
  - L'entretien, les vérifications périodiques et nettoyage.
  - La conversion à une fréquence ou une tension étrangère ou domestique.
  - Tout produit JVC n'ayant pas le signe d'identification qui conforme aux normes électriques Canadiennes (CSA).
  - Pour tout produit utilisé à des fins commerciales, institutionnelles, de location ou utilisé à des fins d'étalage.

Pièces ..... 1 An (Excepté les têtes vidéo- 90 jours)  
Main d'œuvre ... 90 Jours

  - Tout produit JVC ayant été revendu et qui n'est plus la propriété de l'acheteur original.
  - Produit acheté à "l'extérieur du Canada", provenant d'une "faillite" ou d'un "liquidateur".
  - Tout dommage causé par le feu, une inondation, un éclair, une surtension ou tout autre événement hors du contrôle de JVC.

## (m) POUR LES PRODUITS D'AUTOMOBILE

La garantie ne couvre pas l'élimination d'interférences statiques ou électriques de la voiture, le nettoyage de tête, les ajustements et les coûts de main d'œuvre associés à l'enlèvement ou à la réinstallation de l'unité pour réparation.

- Critères:**

Si un produit JVC s'avérait défectueux, selon les conditions applicables, les réparations nécessaires seront effectuées sans coûts additionnels à l'acheteur pour les pièces et la main d'œuvre lorsque JVC reconnaît que de tels défauts sont causés par une défectuosité de matériel ou de fabrication.
- Exclusion de toutes autres garanties expresses :**

Cette garantie constitue l'entière garantie expresse donnée par JVC pour les produits JVC. Nul représentant ou employé d'un détaillant ou d'un service d'entretien n'est autorisé à prolonger cette garantie au nom de JVC.
- Dénégation des dommages indirects:**

Dans la mesure permise par la loi, JVC nie toute responsabilité pour perte de temps ou d'usage de ses produits, des coûts de transport ou tout autre dommage ou inconvénient indirect, accidentel et conséquent.

## CONDITIONS DE GARANTIE (VALABLE À PARTIR DE LA DATE D'ACHAT)

Produit	Pièces (Années)	Main-D'œuvre (Années)
Casque d'écoute, Haut-Parleurs Bluetooth	1	1
Produits D'Automobile	1	1

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Enregistrement De Produit: <https://myjvckenwood.ca/fr>

## Pour l'utilisation des clients:

Entrez ci-dessous le numéro de modèle et le numéro de série qui se trouve soit à l'arrière, en bas ou sur le côté de l'armoire. Conservez ces informations pour référence future.

No. de modèle: \_\_\_\_\_ No. de série: \_\_\_\_\_  
Date d'achat: \_\_\_\_\_ Nom du revendeur: \_\_\_\_\_