



EN

## Vehicle Hub

# VPA-B211A

FR

- **OWNER'S MANUAL**  
Please read before using this equipment.
- **MODE D'EMPLOI**  
Veuillez lire avant d'utiliser cet appareil.
- **MANUAL DE OPERACIÓN**  
Léalo antes de utilizar este equipo.

ES



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# Operating Instructions

## WARNING



### WARNING

**This symbol means important instructions. Failure to heed them can result in serious injury or death.**

#### **DO NOT DISASSEMBLE OR ALTER.**

Doing so may result in an accident, fire or electric shock.

#### **KEEP SMALL OBJECTS SUCH AS BATTERY OUT OF THE REACH OF CHILDREN.**

Swallowing them may result in serious injury. If swallowed, consult a physician immediately.

#### **USE ONLY IN CARS WITH A 12 VOLT NEGATIVE GROUND.**

(Check with your dealer if you are not sure.) Failure to do so may result in fire, etc.

#### **BEFORE WIRING, DISCONNECT THE CABLE FROM THE NEGATIVE BATTERY TERMINAL.**

Failure to do so may result in electric shock or injury due to electrical shorts.

#### **DO NOT SPLICE INTO ELECTRICAL CABLES.**

Never cut away cable insulation to supply power to other equipment. Doing so will exceed the current carrying capacity of the wire and result in fire or electric shock.

#### **DO NOT DAMAGE PIPE OR WIRING WHEN DRILLING HOLES.**

When drilling holes in the chassis for installation, take precautions so as not to contact, damage or obstruct pipes, fuel lines, tanks or electrical wiring. Failure to take such precautions may result in fire.

#### **DO NOT USE BOLTS OR NUTS IN THE BRAKE OR STEERING SYSTEMS TO MAKE GROUND CONNECTIONS.**

Bolts or nuts used for the brake or steering systems (or any other safety-related system), or tanks should NEVER be used for installations or ground connections. Using such parts could disable control of the vehicle and cause fire etc.

#### **DO NOT ALLOW CABLES TO BECOME ENTANGLED IN SURROUNDING OBJECTS.**

Arrange wiring and cables in compliance with the manual to prevent obstructions when driving. Cables or wiring that obstruct or hang up on places such as the steering wheel, shift lever, brake pedals, etc. can be extremely hazardous.

#### **USE THIS PRODUCT FOR MOBILE 12V APPLICATIONS.**

Use for other than its designed application may result in fire, electric shock or other injury.

#### **MAKE THE CORRECT CONNECTIONS.**

Failure to make the proper connections may result in fire or product damage.

#### **USE THE CORRECT AMPERE RATING WHEN REPLACING FUSES.**

Failure to do so may result in fire or electric shock.

#### **DO NOT OPERATE ANY FUNCTION THAT TAKES YOUR ATTENTION AWAY FROM SAFELY DRIVING YOUR VEHICLE.**

Any function that requires your prolonged attention should only be performed after coming to a complete stop. Always stop the vehicle in a safe location before performing these functions. Failure to do so may result in an accident.

#### **MINIMIZE DISPLAY VIEWING WHILE DRIVING.**

Viewing the display may distract the driver from looking ahead of the vehicle and cause an accident.

#### **DO NOT WATCH VIDEO WHILE DRIVING.**

Watching the video may distract the driver from looking ahead of the vehicle and cause an accident.

#### **INSTALL THE PRODUCT CORRECTLY SO THAT THE DRIVER CANNOT WATCH TV/VIDEO UNLESS THE VEHICLE IS STOPPED AND THE EMERGENCY BRAKE IS APPLIED.**

It is dangerous (and illegal in many states) for the driver to watch TV/Video while driving a vehicle. Installing this product incorrectly enables the driver to watch TV/Video while driving. This may cause a distraction, preventing the driver from looking ahead, thus causing an accident. The driver or other people could be severely injured.

## **CAUTION**

**This symbol means important instructions. Failure to heed them can result in injury or material property damage.**

### **USE SPECIFIED ACCESSORY PARTS AND INSTALL THEM SECURELY.**

Be sure to use only the specified accessory parts. Use of other than designated parts may damage this unit internally or may not securely install the unit in place. This may cause parts to become loose resulting in hazards or product failure.

### **DO NOT INSTALL IN LOCATIONS WITH HIGH MOISTURE OR DUST.**

Avoid installing the unit in locations with high incidence of moisture or dust. Moisture or dust that penetrates into this unit may result in product failure.

### **HAVE THE WIRING AND INSTALLATION DONE BY EXPERTS.**

The wiring and installation of this unit requires special technical skill and experience. To ensure safety, always contact the dealer where you purchased this product to have the work done.

### **ARRANGE THE WIRING SO IT IS NOT CRIMPED OR PINCHED BY A SHARP METAL EDGE.**

Route the cables and wiring away from moving parts (like the seat rails) or sharp or pointed edges. This will prevent crimping and damage to the wiring. If wiring passes through a hole in metal, use a rubber grommet to prevent the wire's insulation from being cut by the metal edge of the hole.

### **DO NOT MIX NEW BATTERIES WITH OLD BATTERIES. INSERT WITH THE CORRECT BATTERY POLARITY.**

When inserting the batteries, be sure to observe proper polarity (+ and -) as instructed. Rupture or chemical leakage from the battery may cause fire or personal injury.

## **PRECAUTIONS**

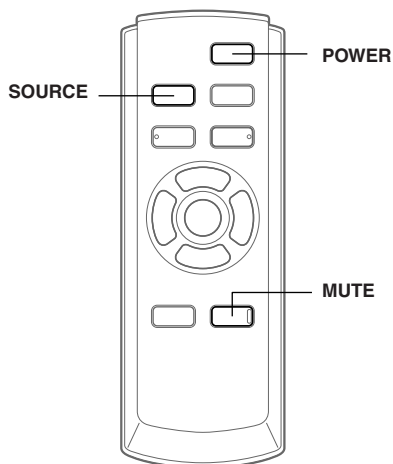
Operation of some of the functions of this unit is very complex. Because of this, it was deemed necessary to place these functions into a special screen. This will restrict operation of these functions to times when the vehicle is parked. This ensures the focus of the driver's attention will be on the road and not on the monitor. This has been done for the safety of the driver and passengers.

Setup Operation and Search Function cannot be made if the car is moving. The car must be parked and the parking brake must be engaged for the procedure described in the Owner's Manual to be valid. The warning "CAN'T OPERATE WHILE DRIVING," will be displayed if any attempts are made to perform these operations while driving.

- Be sure to disconnect the cable from the (-) battery post before installing your VPA-B211A. This will reduce any chance of damage to the unit in case of a short-circuit.
- Be sure to connect the color coded leads according to the diagram. Incorrect connections may cause the unit to malfunction or damage to the vehicle's electrical system.
- When making connections to the vehicle's electrical system, be aware of the factory installed components (e.g. on-board computer). Do not tap into these leads to provide power for this unit. When connecting the VPA-B211A to the fuse box, make sure the fuse for the intended circuit of the VPA-B211A has the appropriate amperage. Failure to do so may result in damage to the unit and/or the vehicle. When in doubt, consult your ALPINE dealer.
- The VPA-B211A uses female RCA-type jacks for connection to other units (e.g. amplifier) having RCA connectors. You may need an adaptor to connect other units. If so, please contact your authorized ALPINE dealer for assistance.

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# Getting Started



Operation is carried out from the remote control.

## Feature

If the unit is connected to an ALPINE Ai-NET compatible device (DVD/HDD Player, DVD/CD Changer, Adapter for iPod, etc.), operation with the supplied remote control can be carried out. You can also display the screen on the external monitor. If the unit is connected to an ALPINE navigation system, you can display navigation screens on the external monitor. For details on the function of connected devices, refer to the Owner's Manual.

## When Using the Remote Control

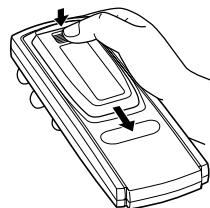
- Point the remote control at the remote control eye within about 2 meters.
- It may not be possible to operate the remote control if the remote control eye is exposed to direct sunlight.
- The remote control is a small, lightweight precision device. To avoid damage, short battery life, operational errors and poor response, observe the following.
  - Do not subject the remote control to excessive shock.
  - Do not put in a trouser pocket.
  - Keep away from food, moisture and dirt.
  - Do not place in direct sunshine.
- *Connect the supplied remote control eye. Failing to do so will result in a loss of remote control operation. Refer to "Connections" (page 22).*
- *If an ALPINE monitor is connected as the external front monitor, connect the remote control input lead to the remote control output lead of the monitor. In this case, you do not need to connect the supplied remote control eye.*

## Battery Replacement

Applicable battery: Use two "AAA" sized dry batteries or equivalent.

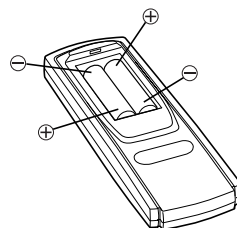
### 1 Opening the battery cover

Slide out the battery cover while firmly pressing in the direction of the arrow.



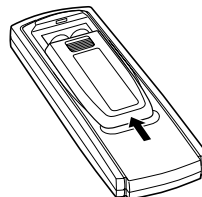
### 2 Replacing the battery

Insert the batteries, observing the polarities as illustrated.



### 3 Closing the cover

Slide the cover as illustrated until a click is heard.



## Turning Power On and Off

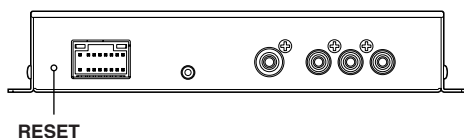
Some of this unit's functions cannot be performed while the vehicle is in motion. Be sure to stop your vehicle in a safe location and apply the parking brake, before attempting these operations.

Press **POWER** to turn on/off the unit.

## Initial System Start-Up

Be sure to press the RESET button when using the unit for the first time, after installing the CD changer, after changing the car battery, etc.

- 1 Turn off the unit power.
- 2 Press **RESET** with a ball-point pen or similar pointed object.



## Lowering Volume Quickly

Activating this function will instantly lower the volume level.

Press **MUTE**.

No volume is output.

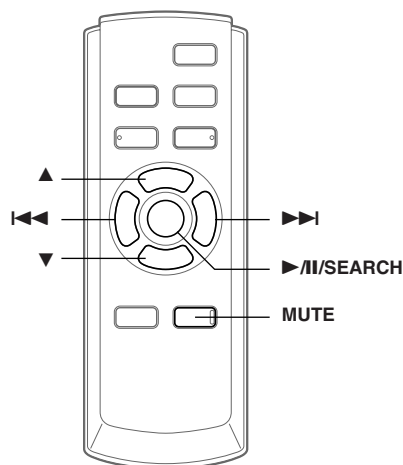
Pressing **MUTE** again brings the audio back to its previous level.

## Switching a Source

Press **SOURCE**.

- Source can be switched by setting **FRONT** on the **VIDEO SOURCE SEL** screen. Refer to "Switching Each Monitor Source (VIDEO SOURCE SELECT Function)" (this page).

## Other Useful Features



## Switching Each Monitor Source (VIDEO SOURCE SELECT Function)

If the optional expansion box (VPE-S431) is connected, you can connect up to 2 external rear monitors.

The source is switched between the external front monitor and the external rear monitor using the VIDEO SOURCE SELECT function.

- 1 Press and hold **MUTE** for at least 2 seconds. The **SETUP** screen is displayed.
- 2 Press **▲** or **▼** to select **VIDEO SOURCE SEL**.
- 3 Press **▶II/SEARCH** or **▶▶I**. The **VIDEO SOURCE SEL**. screen is displayed.
- 4 Press **▲** or **▼** to select a monitor from which the source of **FRONT/REAR 1/REAR 2** is set.

FRONT: External front monitor

REAR 1: External rear monitor connected to AUX OUT1 of the optional expansion box (VPE-S431).

REAR 2: External rear monitor connected to AUX OUT2 of the optional expansion box (VPE-S431).

- 5 Press **◀◀I** or **▶▶I** to select the desired source.
- 6 To return to the **SETUP** screen, select **RETURN** and press **▶II/SEARCH** or **◀◀I**. To finish the setting, press and hold **MUTE** for at least 2 seconds.

- The optional expansion box (VPE-S431) is required to connect an external rear monitor.
- REAR 1/REAR 2 can be set when "Setting the External Rear Monitor Output" (page 9) is turned on.
- If the source of REAR 1/REAR 2 is set to NAVIGATION, though the source name of the rear monitor is displayed as DVD, the navigation screen is output.

### Switching the function of the remote sensor

The remote sensor of the external monitor can be switched, as you prefer.

- 1 Press ▲ or ▼ on the SETUP screen and select REMOTE CONTROL SEL.**
- 2 Press ◀◀ or ▶▶ and select a monitor using the remote control.**  
The monitor which has a priority to the remote control operation is changed.

FRONT: The remote control eye of this unit is effective.

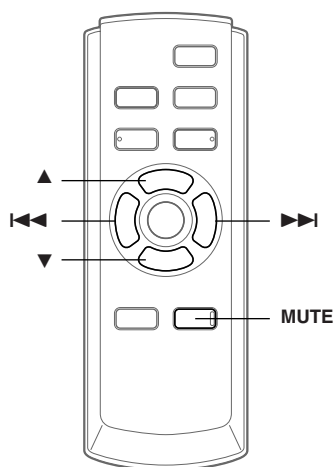
REAR-1: The remote sensor of the external rear monitor connected to AUX OUT1 of the optional expansion box (VPE-S431) is effective, and the remote control can operate only the source selected for this terminal.

REAR-2: The remote sensor of the external rear monitor connected to AUX OUT2 of the optional expansion box (VPE-S431) is effective, and the remote control can operate only the source selected for this terminal.

- 3 To finish the setting, press and hold MUTE for at least 2 seconds.**

- REAR-1/REAR-2 is adjustable when the external expansion box (VPE-S431) is connected.
- If REAR-1 or REAR-2 is set, DVD operation is not possible from the unit's supplied remote control.

## Setup



## Setup Operation

### To display the SETUP mode screen:

To watch a video source, your vehicle must be parked with the ignition key in the ACC or ON position. To do this, follow the procedure below.

1. Bring your vehicle to a complete stop at a safe location. Engage the parking brake.
2. Keep pushing the foot brake and release the parking brake once then engage it again.
3. When the parking brake is engaged for the second time, release the foot brake.

- For automatic transmission vehicles, place the transmission lever in the Park position.

Now, the locking system for the SETUP operation has been released. Engaging the parking brake can reactivate the SETUP mode, as long as the car's ignition has not been turned off. It is not necessary to repeat the above procedure (1 through 3), of "To display the SETUP mode screen."

Each time the ignition is turned OFF, perform the procedure of "To display the SETUP mode screen."

The following steps 1 to 4 are common operations to each "Setting item" of Setup. Refer to each section for details.

- 1 Press and hold MUTE for at least 2 seconds.**  
The SETUP screen is displayed.
- 2 Select the desired setting item by pressing either ▲ or ▼.**

*Continued*



### Setting items:

NAV. ↔ NAV. MIX LEVEL ↔ DISPLAY-TYPE SEL. ↔  
VOLUME LEVEL ↔ CAMERA-IN ↔ REMOTE CONTROL  
SEL.\* ↔ VIDEO SOURCE SEL.\* ↔ AUX IN-1 (2, 3) ↔  
AUX IN-1 (2, 3) NAME ↔ AUX IN-1 (2, 3) LEVEL ↔  
MONITOR OUT-1 ↔ MONITOR OUT-2 ↔ IN-INT MUTE  
↔ VISUALIZER SEL. ↔ PLAY MODE ↔ AUTO SCROLL  
↔ BACKGROUND SEL. ↔ DEMO ↔ NAV.

\* Refer to the "Switching Each Monitor Source (VIDEO  
SOURCE SELECT Function)" (page 6).

### 3 Pressing ◀◀ or ▶▶ changes to the setting.

### 4 To finish the setting, press and hold MUTE for at least 2 seconds.

## Setting the Navigation Mode

When you connect an optional navigation equipment, set it to ON.

**Setting item: NAV.**

**Setting contents: OFF / ON**

- ON: Navigation source is displayed.  
OFF: Navigation source is not displayed. The  
settings related to the navigation can not be  
changed from this unit.

## Navigation Audio Interruption Volume Adjustment

With an Alpine navigation system connected to the VPA-  
B211A, the voice guidance of the navigation system will be  
mixed with the DVD or CD play.  
You can adjust the volume level of the voice guidance.

**Setting item: NAV. MIX LEVEL**

**Setting contents: OFF, +1 to +15**

- When NAV. is turned on, the setting can be made. Refer to  
"Setting the Navigation Mode" (this page).

## Setting the Display Type

Depending on your external monitor, the screen may not be  
correctly displayed. In this case, change the type.

**Setting item: DISPLAY-TYPE SEL.**

**Setting contents: TYPE1 / TYPE2**

## Setting the Volume Level

The volume level can be set for each source.

**Setting item: VOLUME LEVEL**

**Setting contents: LOW / MID / HIGH**

- The sound level increases as follows: LOW → MID →  
HIGH.

## Setting the Rear Camera

When the rear camera is connected, rear pictures are output  
on the screen.

**Setting item: CAMERA-IN**

**Setting contents: OFF / ON**

- ON: When the shift lever is set to reverse (R),  
the rear camera picture is shown on the  
screen.  
OFF: The rear pictures are not output.

- By shifting to reverse (R), the rear pictures are output.  
This function is effective when the reverse wire is properly  
connected.

## Setting the AUX Mode

**Setting items: AUX IN-1 to 3**

**Setting contents: OFF / ON**

- OFF: AUX source is not displayed.  
ON: AUX source is displayed.

- OFF is not selected when the optional DVD player or DVD  
changer is connected.
- AUX IN-3 is adjustable when the external expansion box  
(VPE-S431) is connected.

## Naming External Devices

When more than one external device is connected, you can  
name each (up to 3) as you like.

**Setting item: AUX IN-1 to 3 NAME**

**Setting contents: AUX-1 (2, 3) / VCR / GAME-1, 2 / TV \* /  
EXT-DVD**

- \* When an optional TV is connected, set the unit to TV. Refer  
to "TV Operation" (page 18).
- The selected source name is displayed instead of AUX  
source name.

## Adjusting the External Input Audio Level

**Setting item: AUX IN-1 to 3 LEVEL**

**Setting contents: LOW / HIGH**

- LOW: Decreases the external input audio level  
HIGH: Increases the external input audio level

## Setting the External Rear Monitor Output

Set it to ON when you use the external rear monitor.

**Setting items: MONITOR OUT-1, 2**

**Setting contents: OFF / ON**

- ON: By setting the connected external rear monitor to ON, the remote control will be usable.
- OFF: When either MONITOR OUT-1 or 2 is set to OFF, only one monitor can be set by the VIDEO SOURCE SELECT function.

- When the optional expansion box (VPE-S431) is connected, the setting can be made.

## Setting the External Device Interrupt Mode

If an Alpine Versatile Link Terminal (KCA-410C) is connected to the VPA-B211A, an Auxiliary Source will be allowed to interrupt the current audio source. For example, you can listen to the voice guidance of your navigation system when it occurs even while you are playing a CD or DVD. The CD/DVD player will be automatically muted during voice guidance. For further details, please refer to the manual for KCA-410C.

**Setting item: IN-INT. MUTE**

**Setting contents: OFF / ON**

- OFF: Sound will be output in Interrupt mode.
- ON: Sound will not be output in Interrupt mode.

- The auxiliary device being connected must have an Interrupt wire with a negative trigger for this function to operate automatically. Otherwise, a separate switch needs to be added to switch it manually.

## Setting the VISUALIZER Mode Display

Set VISUALIZER to your preference. Other than in the OFF setting, VISUALIZER can be displayed on the rear monitor. When you select SCAN, the screen shows a continuous series of 6 images, one after the other.

**Setting item: VISUALIZER SEL.**

**Setting contents: MODE-1 to MODE-6 / SCAN / OFF**

- When the optional expansion box (VPE-S431) is connected, the VISUALIZER setting can be made.
- To display VISUALIZER on the rear monitor, refer to "Switching Each Monitor Source (VIDEO SOURCE SELECT Function)" (page 6) and set the REAR 1 and REAR 2 sources to VISUALIZER.

## Playing MP3/WMA Data

When using discs containing both CD data and MP3/WMA data.

**Setting item: PLAY MODE**

**Setting content: CD-DA / CD/MP3**

- CD: Plays only the CD data on discs containing both CD data and MP3/WMA data.
- MP3: Both CD data and MP3/WMA file tracks can be played back.

- Perform this setting before inserting a disc. If a disc has already been inserted, perform the setting after you remove the disc. If you use an MP3 changer, you have to change discs.

## Setting the Scroll

Scroll display is available if titles are entered in the disc. Scroll display of CD text, folder names, file names and tag information is also enabled.

**Setting item: AUTO SCROLL**

**Setting contents: AUTO / MANUAL**

- AUTO: Turns on the AUTO scroll mode. Scroll display is repeated as long as the mode is turned on.
- MANUAL: Turns off the AUTO scroll mode. Scroll display is done once as a track is changed.

## Switching Background Textures

You can select the background textures of the setup screen from 4 types.

**Setting item: BACKGROUND SEL.**

**Setting contents: TYPE1 to 4**

## Demonstration Function

This unit is equipped with a demonstration function capable of showing basic operations of respective sources on the display.

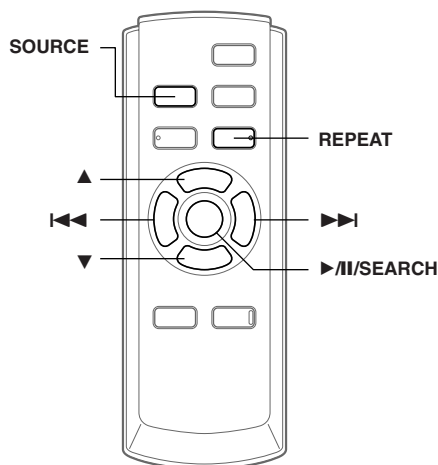
**Setting item: DEMO**

**Setting contents: OFF / ON**

- ON: Turns on the demonstration mode to show the basic operations.
- OFF: Turns off the demonstration mode.

- The demonstration operation is automatically repeated until the function is turned off.

# DVD/Video CD Operation (Optional)



Basic operations of an ALPINE DVD player/Changer compatible with Ai-NET can be done from the unit's supplied remote control. Refer to the Owner's Manual of the connected DVD player/Changer.

## Playing DVD/Video CD

### ⚠ WARNING

It is dangerous (and illegal in many states) for the driver to watch the DVD/TV/Video while driving the vehicle. The driver may be distracted from looking ahead and an accident could occur.

Install the VPA-B211A correctly so that the driver cannot watch DVD/TV/Video unless the vehicle is stopped and the emergency brake is applied.

If the VPA-B211A is not installed correctly, the driver will be able to watch the DVD/TV/Video while driving the vehicle and may be distracted from looking ahead causing an accident. The driver or other people could be severely injured.

## To display the DVD mode screen

To watch a video source, your vehicle must be parked with the ignition key in the ACC or ON position. To do this, follow the procedure below.

1. Push the foot brake to bring your vehicle to a complete stop at a safe location. Engage the parking brake.
2. Keep pushing the foot brake and release the parking brake once then engage it again.
3. While the parking brake is being engaged the second time, release the foot brake.

- For automatic transmission vehicles, place the transmission lever in the Park position.

Now, the locking system for the DVD mode operation has been released. Engaging the parking brake can reactivate the DVD mode, as long as the car's ignition has not been turned off. It is not necessary to repeat the above procedure (1 through 3), of "To display the DVD mode screen." Each time the ignition is turned OFF, perform the procedure of "To display the DVD mode screen."

- If you try to activate the auxiliary device while driving, the display will show the warning-*PICTURE OFF FOR YOUR SAFETY*.

- 1 Press **SOURCE** to activate the DVD mode. Playback starts.

- 2 Press either **▲** or **▼** to select a disc (DVD changer connected).

## Fast-forwarding/Fast-reversing

- 1 During playback, press and hold **◀◀** (fast-reverse) or **▶▶** (fast-forward) .
- 2 Release **◀◀** or **▶▶** to return to normal playback.

## Finding the Beginning of Chapters or Tracks

During playback, press **◀◀** or **▶▶**.

The chapter/track switches each time the button is pressed, and playback of the selected chapter/track starts.

- ▶▶: Press this to start playback from the beginning of the following chapter or track.
- ◀◀: Press this to start playback from the beginning of the current chapter or track.

- Some DVDs do not have chapters.

### Supplementary explanation

"Chapters" are divisions of movies or musical selections on DVDs.

"Tracks" are divisions of movies or musical selections on video and music CDs.

## Playing Still Frames (pausing)

- 1 During playback, press ►/II/SEARCH.
- 2 Press ►/II/SEARCH to resume playback.

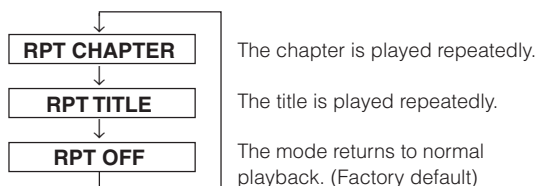
## Chapter/Track/Title Repeat Playback

Use this function to play the disc's titles, chapters or tracks repeatedly.

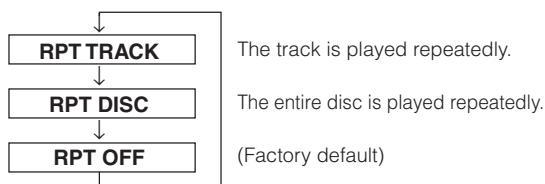
During playback, press **REPEAT**.

The repeat mode switches each time the button is pressed.

### DVD

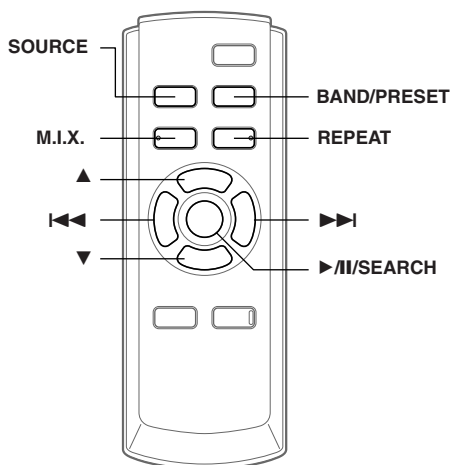


### VIDEO CD



- The track/disc repeat modes cannot be used on video CDs with playback control (PBC).
- For some discs it is not possible to switch the repeat mode.

## CD/MP3/WMA Operation (Optional)



## Playing CD/MP3/WMA

- 1 Press **SOURCE** to activate the CD mode.
- 2 Press ▲ or ▼ to select a disc (when a changer is connected).
- 3 Press ◀◀ or ▶▶ to select the desired track.

**Returning to the beginning of the current track:**

Press ◀◀.

**Fast backward:**

Press and hold ◀◀.

**Advancing to the beginning of the next track:**

Press ▶▶.

**Fast forward:**

Press and hold ▶▶.

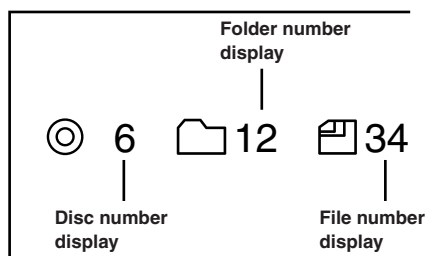
- 4 To pause playback, press ►/II/SEARCH.  
Pressing ►/II/SEARCH again will resume playback.

- CD playback information (track no., TEXT etc.) will be displayed on the monitor during playback.
- MP3/WMA playback information (folder no., file no., tag information, etc.) will be displayed on the monitor during playback.
- The MP3/WMA indicator is lit during MP3/WMA playback.
- "NO SUPPORT" is displayed when text information is not compatible with the VPA-B211A.
- The DVD changer (optional) is controllable as well as the CD changer.
- If using two changers, the Versatile Link Terminal (KCA-410C) must be used. In this case, press **BAND/PRESET** to select the changer mode.

- If the HDA-5460 model is connected to the unit, some operations (for example changing the source, selecting the file by holding buttons up or down, etc.), can be carried out on this unit.

## MP3/WMA Play Display

The disc number, folder number and file number will be displayed as described below.



## Folder/File Search

You can display the names of folders/files and search for a folder/file to play.

- 1 Press and hold **►/II/SEARCH** for at least 2 seconds during playback.  
The Folder Name list is displayed.
- 2 Press **▲** or **▼** to select the desired folder.
- 3 Press **►/II/SEARCH** to play back the first file in the selected folder.

### To search for a file in the selected folder

- 1 After selecting the folder in step 2, press **►►I** or **TITLE** to change to the file search mode of the selected folder.
    - If there is a file name list in the folder, **»»** is displayed.
  - 2 Press **▲** or **▼** to select a file and press **►/II/SEARCH** or **►►I**.  
The selected file is played back.
- Folder Name Search mode is cancelled by pressing and holding **►/II/SEARCH** for at least 2 seconds.
  - "ROOT" is displayed for the root folder which does not have folder name.
  - While in File Name Search mode, press **I◀◀** or **TITLE** to switch to Folder Name Search mode.

## M.I.X. (Random Play)

### Press M.I.X. in the play or pause mode.

The M.I.X. mode switches each time the button is pressed.

#### CD mode:

M.I.X. → M.I.X. ALL\* → (off) → M.I.X.

M.I.X. : Track are played back in random sequence.

M.I.X. ALL : The tracks on all the CDs in the current magazine will be included in the random playback sequence.

\* When a CD changer equipped with the All M.I.X. function is connected.

#### MP3/WMA mode:

M.I.X. FOLDER → M.I.X. → (off) → M.I.X. FOLDER

M.I.X. FOLDER : Only files in a folder are played back in random sequence.

M.I.X. : All files in a disc are played back in random sequence, and playback shifts to the next disc.

Press M.I.X. again and select OFF to deactivate the M.I.X. play.

## Repeat Play

### During playback, press REPEAT.

The repeat mode switches each time the button is pressed.

#### CD mode:

REPEAT → REPEAT ALL\*\* → (off) → REPEAT

REPEAT : Only a track is repeatedly played back.

REPEAT ALL : A disc is repeatedly played back.

#### MP3/WMA mode:

REPEAT → REPEAT FOLDER → REPEAT ALL\*\* → (off) → REPEAT

REPEAT : Only a file is repeatedly played back.

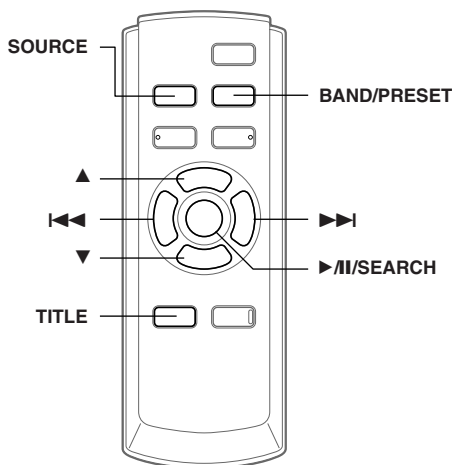
REPEAT FOLDER: Only files in a folder are repeatedly played back.

REPEAT ALL : A disc is repeatedly played back.

\*\* When a changer is connected.

Press REPEAT again and select OFF to deactivate the repeat play.

# SAT Radio Receiver Operation (Optional)



SAT Receiver: XM or SIRIUS Receiver

When an optional XM or SIRIUS Receiver Box is connected via the Ai-NET bus, the following operations may be performed. However, the XM Receiver and SIRIUS Receiver cannot be connected at the same time.

## Receiving Channels with the SAT Radio Receiver

### About SAT Radio

Satellite Radio\* is the next generation of audio entertainment, with over 100 digital audio channels. For a small monthly fee, subscribers can hear crystal-clear music, sports, news and talk, coast-to-coast via satellite. For more information, visit XM's website at [www.xmradio.com](http://www.xmradio.com), or SIRIUS' website at [www.sirius.com](http://www.sirius.com).

To receive SAT Radio, the separately sold XM Direct™ or SIRIUS Satellite Radio Tuner and an appropriate Ai-NET Interface Adapter will be required. For details, consult your nearest ALPINE dealer.

\* XM and its corresponding logos are trademarks of XM Satellite Radio Inc.

\* Sirius and its corresponding logos are trademarks of Sirius Satellite Radio Inc.

• The SAT Receiver controls on the VPA-B211A are operative only when a SAT Receiver is connected.

**1 Press SOURCE to select SAT Radio mode.**

**2 Press BAND/PRESET to select between one of the three SAT Radio Preset Bands.**

Each press changes the band:

XM mode:

XM1 → XM2 → XM3 → XM1

SIRIUS mode:

SIRIUS1 → SIRIUS2 → SIRIUS3 → SIRIUS1

**3 Press ►/II/SEARCH to select CH NAME or CH NO.**

CH NO. → CH NAME → CATEGORY → CH NO.

CH NO. : channel number tuning

CH NAME : channel name tuning

**4 Press ◀◀ or ▶▶ to select the desired channel.**

Holding down ◀◀ or ▶▶ will change channels continuously.

• When using the optional remote control (RUE-4190), a SAT Radio Channel can be directly called up with the numeric keypad of the remote control.

1 While in XM or SIRIUS Radio mode, enter the Channel number you want to call up with the numeric keypad on the remote control.

2 Press ENTER on the remote control within 5 seconds to receive the Channel.

If the channel number is 3 digits, the Channel is automatically received after the channel number is input.

## Tuning in to Categorized Programs

You can listen to programs categorized to the same group one after another.

**1 In the XM or SIRIUS mode, press ►/II/SEARCH to select CATEGORY mode.**

CH NO. → CH NAME → CATEGORY → CH NO.

**2 Press ◀◀ or ▶▶ to select a desired category.**

Holding down ◀◀ or ▶▶ will change categories continuously.

The first channel of the selected category is tuned.

## Checking the SAT Radio ID Number

A unique Radio ID number is required to subscribe to SAT Radio programming. Each third party XM or SIRIUS radio comes with this number.

This number is an 8 character (for XM Radio) or 12 character (for SIRIUS Radio) alphanumeric number. It is printed on a label found on the SAT Receiver.

It can also be displayed on the screen of the VPA-B211A in the following way.

**1 Press ►/II/SEARCH to select CH NO.**

**2 While receiving band, press ◀◀ or ▶▶ to select channel "0."**

The unit displays the ID number.

**3 To cancel the ID number display, set the channel to other than "0."**

• You cannot use "O," "S," "I," or "F" for the ID Number (XM radio Receiver only).

• You can check the ID number printed on a label on your third party, SAT Radio Receiver package.

---

## Storing Channel Presets

---

- 1 Press **BAND/PRESET** to select the desired band you want to store.
- 2 After tuning in the desired channel, press and hold **BAND/PRESET** for at least 2 seconds to activate the Memory mode.  
The preset number in the display will blink.
- 3 Press **▲** or **▼** within 5 seconds to select a preset number.
- 4 Press and hold **BAND/PRESET** for at least 2 seconds, into which you wish to store the channel.  
The selected channel is stored.
- 5 Repeat the procedure to store up to 5 other channels onto the same band.

- To use this procedure for other bands, simply select the band desired and repeat the procedure.
- A total of 18 channels can be stored in the preset memory (6 channels for each band; XM1, XM2 and XM3 or SIRIUS1, SIRIUS2 and SIRIUS3).
- If you store a channel in a preset memory which already has a station, the current channel will be cleared and replaced with the new one.

---

## Receiving Stored Channels

---

- 1 Press **BAND/PRESET** to select the desired band.
- 2 Press **▲** or **▼** that has your desired satellite channel in memory.

---

## Category/Channel Search Function

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You can search for programs by Channel name or Category.

- 1 Press and hold **►/II/SEARCH** for at least 2 seconds in the XM or SIRIUS mode.  
The category list is displayed.
  - 2 Press **▲** or **▼** to select the desired Category.
  - 3 Press **►/II/SEARCH** to receive the selected Category.
- Search mode is canceled by pressing and holding **►/II/SEARCH** for at least 2 seconds in Category Search mode.

---

## To search for a channel of the selected category

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- 1 After selecting the category in step 2, press **►►I** to change to the channel search mode of the selected category.
  - 2 Press **▲** or **▼** to select the desired Channel name.
  - 3 Press **►/II/SEARCH** or **►►I** to receive the selected Channel name.
- Search mode is canceled by pressing and holding **►/II/SEARCH** for at least 2 seconds in Channel Search mode.

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## Changing the Display

---

Text information, such as the channel name, artist name/feature, and song/program title, is available with each XM or SIRIUS channel. The unit can display this text information as explained below.

In XM or SIRIUS mode, press **TITLE**.

Each time you press this button, the display changes as shown below.

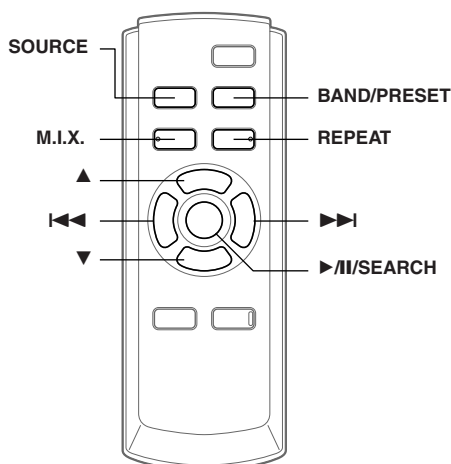
Channel name/Category → Title name/Artist name → Information\*<sup>1</sup> → Auxiliary Data Field\*<sup>2</sup> → Channel name/Category

\*<sup>1</sup> Channel number, category, title name, etc., are displayed in one screen.

\*<sup>2</sup> XM mode only : The information display appears.



# iPod™ Operation (Optional)



An iPod™ or iPod™ mini can be controlled from the VPA-B211A, when connected to an optional Alpine Interface Adapter for iPod™ (KCA-420i). While connected to the VPA-B211A, operation from the iPod™ is no longer possible.

- For details, refer to the Owner's Manual of the connected Interface adapter for iPod™ (KCA-420i).
- For each function, refer to the iPod's documentation.

## Playback

- 1 Press **SOURCE** to switch to the iPod mode.
- 2 Press **◀◀** or **▶▶** to select the desired song.

**Return to the beginning of the current song:**

Press **◀◀**.

**Fast backward:**

Press and hold **◀◀**.

**Advance to the beginning of the next song:**

Press **▶▶**.

**Fast forward:**

Press and hold **▶▶**.

- 3 To pause playback, press **>||/SEARCH**. Pressing **>||/SEARCH** again will resume playback.

- If a song is playing on the iPod when it is connected to the adapter, it will continue playing after the connection.
- If using the iPod with a changer, the Versatile Link Terminal (KCA-410C) must be used. In this case, press **BAND/PRESET** to select the changer mode applicable to the iPod.

- Only alphanumeric characters (ISO-8859-1) can be displayed.
- If the artist, album or song name, created in iTunes, has too many characters, songs may not be played back when connected to the adapter. Therefore, a maximum of 250 characters is recommended. The maximum number of characters for this unit is 64.
- Some characters may not be correctly displayed.
- "NO SUPPORT" is displayed when text information is not compatible with the VPA-B211A.

## Searching for a desired Song

For iPod containing several hundred or several thousand files, finding the desired file can be troublesome. VPA-B211A offer a variety of search functions to make this easier.

- If all songs in the iPod are associated with a playlist, access to each song is more efficient.

### Searching by Playlist

- 1 Press and hold **>||/SEARCH** for at least 2 seconds. The search mode selection screen is displayed.
- 2 Press **▲** or **▼** to select **PLAYLIST SEARCH** and press **>||/SEARCH**.
- 3<sup>\*1</sup> Press **▲** or **▼**, and select a playlist.
- 4 Press **>||/SEARCH** to play back a selected playlist.

### To search for a song in the selected playlist

- 1 After selecting the playlist in step 3<sup>\*1</sup>, press **▶▶** to change to the song search mode of the selected playlist.
  - If there is a song name list in the playlist, **>>>** is displayed.
- 2 Press **▲** or **▼** to select a song and press **>||/SEARCH** or **▶▶**. The selected song is played back.
  - If you choose "iPod name" of iPod in step 3<sup>\*1</sup>, all songs in iPod are played back.
  - Pressing **◀◀** returns to the search mode selection screen.
  - The search mode is cancelled by pressing and holding **>||/SEARCH** for at least 2 seconds.

### Searching by Artist Name

- 1 Press and hold **>||/SEARCH** for at least 2 seconds. The search mode selection screen is displayed.
- 2 Press **▲** or **▼** to select **ARTIST SEARCH** and press **>||/SEARCH**.
- 3<sup>\*2</sup> Press **▲** or **▼**, and select an artist.



#### 4 Press ►/II/SEARCH to play back all songs of the selected artist.

#### To search for an album of the selected artist

1 After selecting the artist in step 3<sup>\*2</sup>, press ►►I to change to the album search mode of the selected artist.

- If there is an album list of the artist, >> is displayed.
- Select ALL, and press ►►I to change to the album search mode for all albums.

2<sup>\*3</sup> Press ▲ or ▼ to select an album.

3 Press ►/II/SEARCH to play back all songs of the selected album.

#### To search for a song of the selected album

1 After selecting the album in step 2<sup>\*3</sup>, press ►►I to change to the song search mode of the selected album.

- If there is a song name list in the album, >> is displayed.
- Select ALL, and press ►►I to change to the song search mode for all songs of the selected artist.

2 Press ▲ or ▼ to select a song and press ►/II/SEARCH or ►►I.

The selected song is played back.

- If you choose ALL in step 3<sup>\*2</sup>, all songs in iPod are played back.
- If you choose ALL in step 2<sup>\*3</sup>, all songs of the selected artist are played back.
- Pressing I◀◀ returns to the search mode selection screen.
- The search mode is cancelled by pressing and holding ►/II/SEARCH for at least 2 seconds.

#### Searching by Album Name

#### 1 Press and hold ►/II/SEARCH for at least 2 seconds.

The search mode selection screen is displayed.

#### 2 Press ▲ or ▼ to select ALBUM SEARCH and press ►/II/SEARCH.

#### 3<sup>\*4</sup> Press ▲ or ▼, and select an album.

#### 4 Press ►/II/SEARCH to play back all songs of the selected album.

#### To search for a song of the selected album

1 After selecting the album in step 3<sup>\*4</sup>, press ►►I to change to the song search mode of the selected album.

- If there is a song name list in the album, >> is displayed.
- Select ALL, and press ►►I to change to the song search mode for all songs in the iPod.

2 Press ▲ or ▼ to select a song and press ►/II/SEARCH or ►►I.

The selected song is played back.

- If you choose ALL in step 3<sup>\*4</sup>, all songs in iPod are played back.
- Pressing I◀◀ returns to the search mode selection screen.
- The search mode is cancelled by pressing and holding ►/II/SEARCH for at least 2 seconds.

## Random Play Shuffle (M.I.X.)

The Shuffle function of the iPod is displayed as M.I.X. on the monitor.

#### Shuffle Albums (M.I.X. ALBUMS):

Select an album randomly in the iPod, and plays back the songs of the album in sequential order. If a song has been selected in the playlist/artist search mode before selecting Shuffle Album, only the albums within the playlist/artist are selected randomly. The songs of the album are played back sequentially.

#### Shuffle Songs (M.I.X. SONGS):

All songs in the iPod are played back in random sequence. If a song has been selected in the playlist/artist search mode before selecting Shuffle song, only the songs of the playlist/artist/album are played back randomly.

#### 1 Press M.I.X. in the play or pause mode.

The songs will be played back in random sequence.

M.I.X. ALBUMS → M.I.X. SONGS → (off) → M.I.X. ALBUMS

#### 2 To cancel M.I.X. play, select (off) with the above procedure.

- For details of the search mode, refer to "Searching for a desired Song" (page 15).
- If a song is selected in the album search mode before selecting Shuffle (M.I.X.), the songs will not play back randomly even when Shuffle album is selected.
- If there is no album in the playlist, Shuffle (M.I.X.) will not function even when Shuffle album is selected.

## Repeat Play

Only Repeat One is available for the iPod.

Repeat One: A single song is repeatedly played back.

#### 1 Press REPEAT to play back repeatedly the track being played.

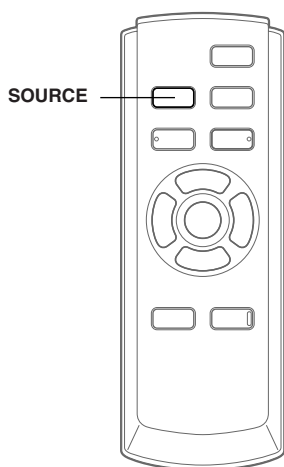
The song will be played repeatedly.

REPEAT → (off) → REPEAT

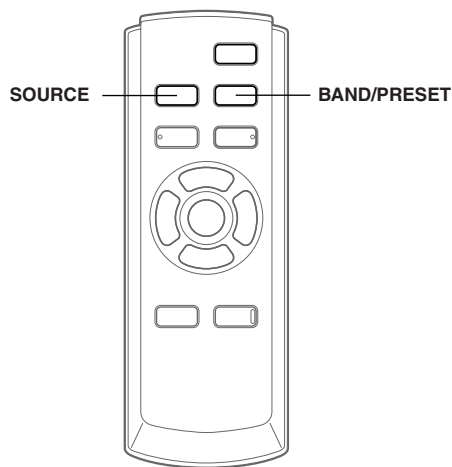
#### 2 To cancel repeat play, select (off) with the above procedure.

- During repeat playback, no other songs are selectable by pressing or touching I◀◀ or ►►I.

## Navigation System (Optional)



## Auxiliary Device (Optional)



### Switching the Navigation Screen

If an optional Alpine Navigation System is connected to the unit, the Navigation screen can be displayed on the monitor.

#### 1 Press **SOURCE** to activate the NAV. mode.

The Navigation screen is displayed.

The operation is possible with the supplied navigation remote control.

For navigation operation, refer to the Owner's Manual of the navigator.

- NAV. set to on by following "Setting the Navigation Mode" (page 8).

### Operating Auxiliary Devices

To operate your devices connected to the AUX terminals of VPA-B211A, follow the procedure described below.

#### **WARNING**

It is dangerous (and illegal in many states) for the driver to watch the TV/Video/DVD while driving the vehicle. The driver may be distracted from looking ahead and an accident could occur.

Install the VPA-B211A correctly so that the driver cannot watch TV/Video/DVD unless the vehicle is stopped and the emergency brake is applied.

If the VPA-B211A is not installed correctly, the driver will be able to watch the TV/Video/DVD while driving the vehicle and may be distracted from looking ahead and cause an accident. The driver or other people could be severely injured.

### To activate your auxiliary devices:

To watch a video source, your vehicle must be parked with the ignition key in the ACC or ON position. To do this, follow the procedure below.

1. Bring your vehicle to a complete stop at a safe location. Engage the parking brake.
2. Keep pushing the foot brake and release the parking brake once then engage it again.
3. When the parking brake is engaged for the second time, release the foot brake.

- *For automatic transmission vehicles, place the transmission lever in the Park position.*

Now, the locking system for the AUX mode operation has been released. Engaging the parking brake can reactivate the AUX mode, as long as the car's ignition has not been turned off. It is not necessary to repeat the above procedure (1 through 3), of "To activate your auxiliary devices."

Each time the ignition is turned OFF, perform the procedure of "To activate your auxiliary devices."

- *If you try to activate the auxiliary device while driving, the display will show the warning-PICTURE OFF FOR YOUR SAFETY.*

## 1 Press **SOURCE** to activate the AUX mode.

The external input screen is displayed.

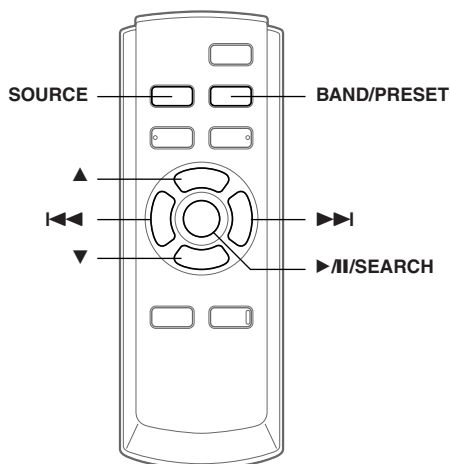
## 2 Press **BAND/PRESET** to change to the AUX mode.<sup>\*1</sup>

AUX-1 → AUX-2 → AUX-3<sup>\*2</sup> → AUX-1

<sup>\*1</sup> AUX-1 to AUX-3 are displayed if AUX IN set to ON in "Setting the AUX mode" (page 8), or the name which is given as the source name in "Naming External Devices" on page 8 is displayed.

<sup>\*2</sup> AUX-3 is displayed when the optional expansion box (VPE-S431) is connected.

## TV Operation (Optional)



When connected with an ALPINE TV unit (sold separately), you can use the remote control supplied with the VPA-B211A to operate the TV. Set the AUX NAME to TV. Refer to "Naming External Devices" page 8.

- *TV is connected to AUX IN-2.*
- *When the optional expansion box (VPE-S431) is connected, connect TV to AUX IN-3.*
- *Be sure to connect this unit or VPE-S431 remote control output lead to the TV unit's remote control input lead.*

## Operating TV Unit

### ⚠ WARNING

It is dangerous (and illegal in many states) for the driver to watch the TV while driving the vehicle. The driver may be distracted from looking ahead and an accident could occur.

Install the VPA-B211A correctly so that the driver cannot watch TV unless the vehicle is stopped and the emergency brake is applied.

If the VPA-B211A is not installed correctly, the driver will be able to watch the TV while driving the vehicle and may be distracted from looking ahead and cause an accident. The driver or other people could be severely injured.

### To activate your TV unit:

To watch a video source, your vehicle must be parked with the ignition key in the ACC or ON position. To do this, follow the procedure below.

1. Bring your vehicle to a complete stop at a safe location. Engage the parking brake.
2. Keep pushing the foot brake and release the parking brake once then engage it again.
3. When the parking brake is engaged for the second time, release the foot brake.

- *For automatic transmission vehicles, place the transmission lever in the Park position.*

Now, the locking system for the TV mode operation has been released. Engaging the parking brake can reactivate the TV mode, as long as the car's ignition has not been turned off. It is not necessary to repeat the above procedure (1 through 3), of "To activate your TV unit."

Each time the ignition is turned OFF, perform the procedure of "To activate your TV unit."

- *If you try to activate the TV unit while driving, the display will show the warning-PICTURE OFF FOR YOUR SAFETY.*

## 1 Press **SOURCE** to activate the AUX mode.

## 2 Press **BAND/PRESET** to select the TV mode.

AUX-1 → TV → AUX-1

**When VPE-S431 is connected:**

AUX-1 → AUX-2 → TV → AUX-1

## 3 Press **◀◀** or **▶▶** to seek for a channel downward or upward respectively.

- *When using the optional remote control (RUE-4190), TV Channel can be directly called up with the numeric keypad of the remote control.*

- 1 While in TV mode, enter the Channel number you want to call up with the numeric keypad on the remote control.

The Channel is automatically received after the channel number is input.

## Automatic Memory of Channel Presets

### 1 Press **▶/II/SEARCH**.

The auto preset operation starts.

After the completion, memorized channel number list displays and the first memorized station is automatically received.

### 2 To receive a memorized station, press **▲** or **▼**.

## Information

### In Case of Difficulty

If you encounter a problem, please turn the power off, then on again. If the unit is still not functioning normally, please review the items in the following checklist. This guide will help you isolate the problem if the unit is at fault. Otherwise, make sure the rest of your system is properly connected, or then consult your authorized Alpine dealer.

#### Basic

##### No function or display.

- Vehicle's ignition is off.
  - If connected according to the instructions, the unit will not operate with the vehicle's ignition off.
- Improper power lead connections.
  - Check power lead connections.
- Blown fuse.
  - Check the fuse on the battery lead of the unit; replace with the proper value if necessary.
- Internal micro-computer malfunctioned due to interference noise, etc.
  - Press the RESET switch with a ballpoint pen or other pointed article.

##### No sound or unnatural sound.

- Connections are not properly or securely made.
  - Check the connections and firmly connect.

##### Screen not displayed.

- Connections to the DVD, CD player, navigation system are not securely made.
  - Check the connections and firmly connect.

##### Navigation system inoperative.

- Connections to the navigation system are incorrect.
  - Check the connections with the navigation system and connect the cables correctly and firmly.

##### Remote control of the rear monitor is inoperative.

- The VPE-S431 is not connected.
  - Make sure the VPE-S431 is correctly connected (refer to "Connections").
  - Make sure the cable is not bent excessively.

## Indication for CD changer

### HI-TEMP

- Protective circuit of the changer is activated due to high temperature.
  - The indicator will disappear when the temperature returns to within operation range.

### ERROR01

- Malfunction in the CD Changer.
  - Consult your Alpine dealer. Press the magazine eject button and pull out the magazine. Check the indication. Insert the magazine again. If the magazine cannot be pulled out, consult your Alpine dealer.
- Magazine ejection not possible.
  - Press the magazine eject button. If the magazine does not eject, consult your Alpine dealer.

### ERROR02

- A disc is left inside the CD Changer.
  - Press the Eject button to activate the eject function. When the CD Changer finishes the eject function, insert an empty CD magazine into the CD Changer to receive the disc left inside the CD Changer.

### NO MAGAZINE

- No magazine is loaded into the CD Changer.
  - Insert a magazine.

### NO DISC

- No indicated disc.
  - Choose another disc.

## Indication for SAT Receiver Mode

### ANTENNA

- The XM or SIRIUS antenna is not connected to the XM or SIRIUS radio module.
  - Check whether the XM or SIRIUS antenna cable is attached securely to the XM or SIRIUS radio module.

### UPDATING

(XM mode)

### CALL 888-539-SIRIUS TO SUBSCRIBE

(SIRIUS mode)

- Radio is being updated with latest encryption code.
  - Wait until encryption code is being updated. Channels 0 and 1 should function normally.

### NO SIGNAL

(XM mode)

### ACQUIRING

(SIRIUS mode)

- XM or SIRIUS signal is too weak at the current location.
  - Wait until the car reaches a location with a stronger signal.

### LOADING

(XM mode)

### ACQUIRING

(SIRIUS mode)

- Radio is acquiring audio or program information.
  - Wait until the radio has received the information.

### OFF AIR

(XM mode)

### ACQUIRING

(SIRIUS mode)

- The channel currently selected has stopped broadcasting.
  - Select another channel.

### -----

(XM mode)

### INVALID CHANNEL

(SIRIUS mode)

- The user has selected a channel number that does not exist or is not subscribed to.
  - The unit will revert back to the previously selected channel.
- There is no artist name/feature, song/program title, or additional information associated with the channel at that time.
  - No action needed.

## Indication for iPod Mode

### NO iPod

- The iPod is not connected.
  - Make sure the iPod is correctly connected.
  - Make sure the cable is not bent excessively.
- The iPod's battery remains low.
  - Refer to the iPod's documentation and charge the battery.

### NO SONG

- There are no songs in the iPod.
  - Download songs to the iPod and connect to the KCA-420i.

### ERROR

- Communication error
  - Turn the ignition key off, and then set to ACC or ON again.
  - Check the display by reconnecting between the iPod and the adapter, using the iPod cable.
- Caused by the iPod Software Version not being compatible with the optional adapter KCA-420i.
  - Refer to the Owner's Manual of the optional adapter KCA-420i, and update the iPod Software Version to be compatible with the optional adapter KCA-420i.

## Indication for AUX Mode

### I/F BOX ERROR (AUX3 mode only)

- The optional expansion box (VPE-S431) is not correctly connected.
  - Make sure the VPE-S431 is correctly connected, and the cable is not bent excessively.

## Specifications

### External dimensions

Wide	180 mm (7-1/8")
Height	35 mm (1-3/8")
Depth	160 mm (6-1/4")
Weight	0.75 kg (1lb 10 oz)

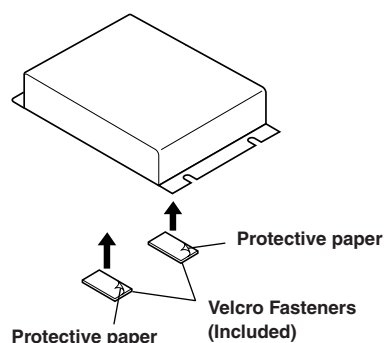
## Installation

### Velcro fastener Mounting

When mounting the unit with the Velcro fasteners, be sure to choose a flat location.

Do not hang the unit from the bottom of the dashboard or rear deck with the Velcro fasteners.

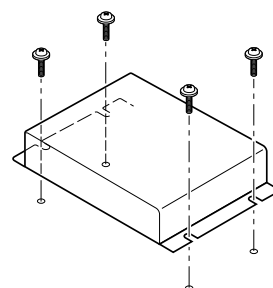
- 1 Remove the protective paper and attach two pieces of velcro fastener to the bottom of the VPA-B211A.**



- 2 Check the position, and then fix the VPA-B211A to the floor carpet.**

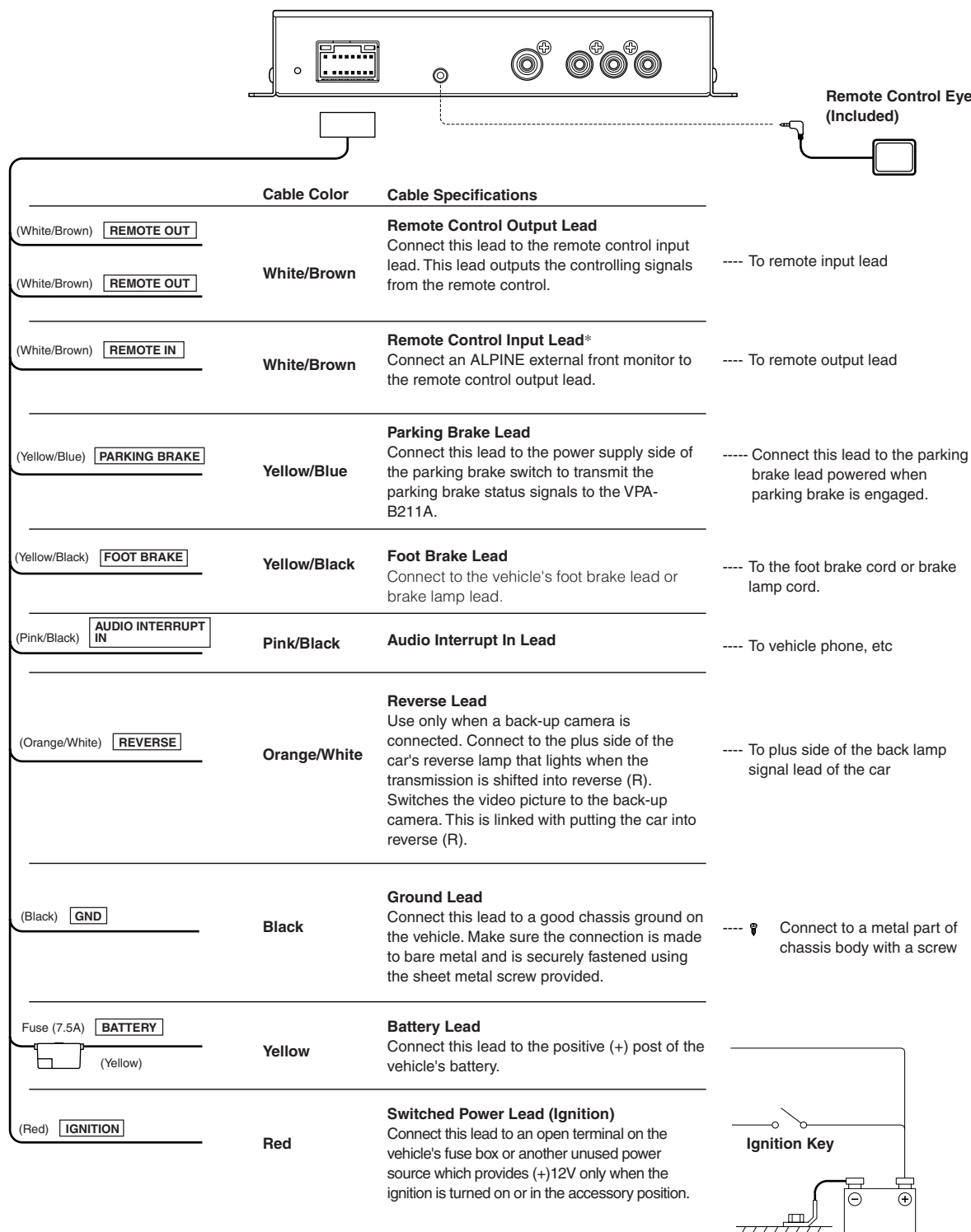
### Screw-down Mounting

- 1 Using the adapter as a template, hold it in the mounting location and mark the holes to be drilled. Before drilling, make sure that there are no objects that could be damaged behind the mounting surface.**
- 2 Drill holes and secure the adapter with the self-tapping screws (M4 × 14) supplied.**

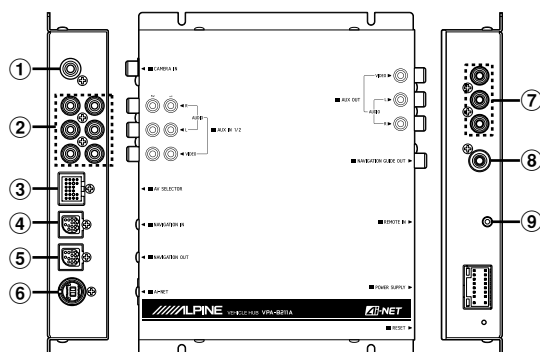


# Connections

## Connections



\* If an ALPINE monitor is connected as the external front monitor, connect this lead.  
In this case, you do not need to connect the remote control eye.



### ① **CAMERA Input Terminal**

Use when connecting a back-up camera.

### ② **AUX Input Terminals**

If these terminals are connected to the optional expansion box (VPE-S431), the AUX input terminals are not used on this unit. Connect AUX IN 1, 2 and 3, and the AUX OUT 1 and 2 terminals of the extension box (VPE-S431) to the external device(s).

### ③ **AV Select Connector**

When this connector is connected to the optional expansion box (VPE-S431), connect this to the HEAD UNIT terminal of VPE-S431.

### ④ **RGB Input Terminal**

Connect this to the RGB output terminal of the Navigation System.

### ⑤ **RGB Output Terminal**

Connect a 13P RGB terminal equipped monitor 13P RGB terminal using the RGB cable supplied with the unit.

### ⑥ **Ai-NET Connector**

Connect this to the output connector of other product equipped with Ai-NET.

### ⑦ **AUX Video/Audio Output Terminal**

To output Video/Audio to the external front monitor.

### ⑧ **Navigation Guide Output Terminal**

Output navigation sound is monaural. Connect this to the audio output (left) of the connected device.

### ⑨ **Remote Control Eye Jack**

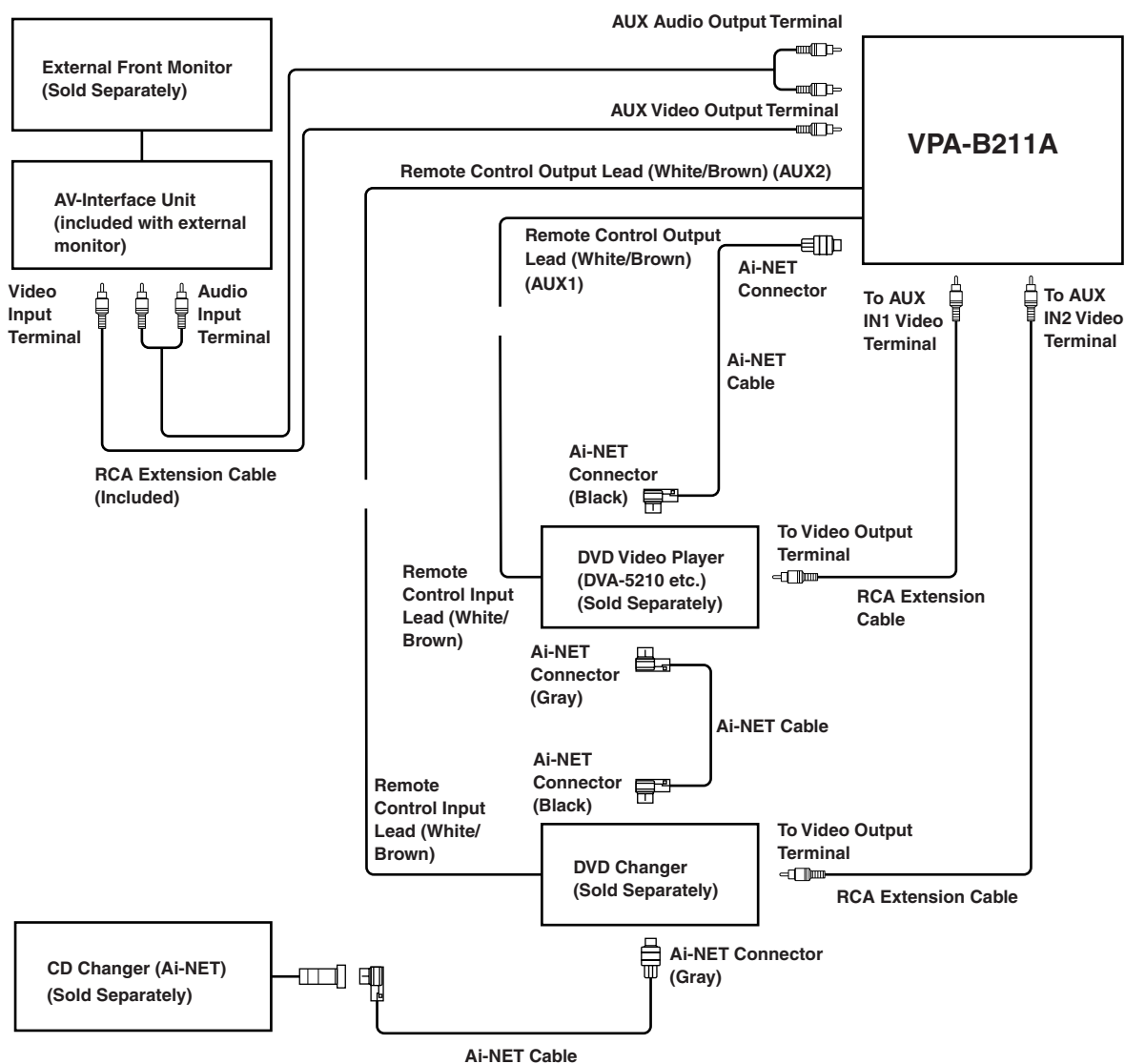
Connect this to the remote control sensor unit.

- *Removing the cover to use the AV SELECTOR terminal.*



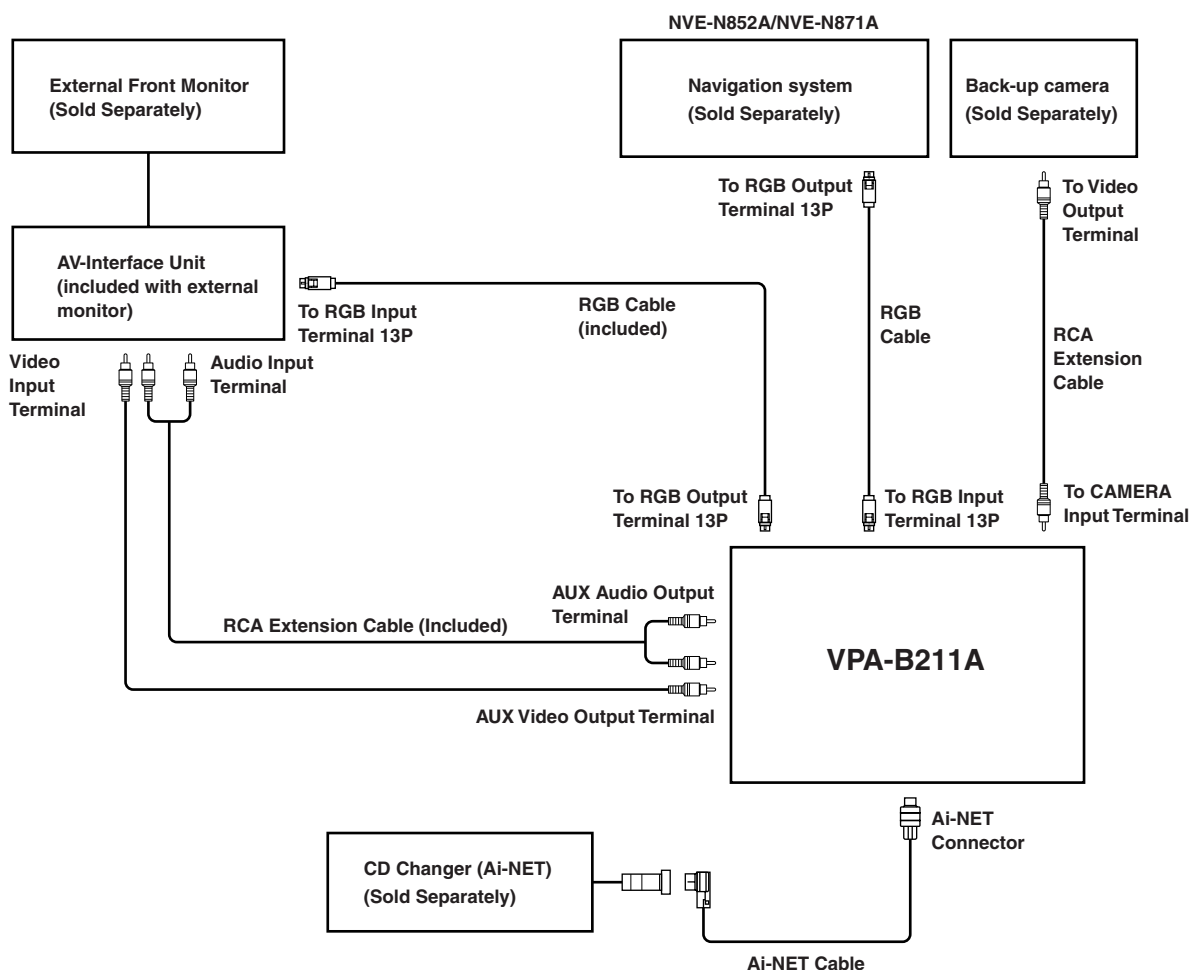
# System Example

## Connect the DVD Player, DVD Changer



- If either a DVD video player or DVD changer is connected, connect this to AUX1.
- If both of a DVD video player and DVD changer are connected, connect the DVD video player to AUX1 and the DVD changer to AUX2.
- Set the DVD video player and DVD changer to Ai-NET compatible.
- An optional display interface box is required depending on the connected devices. However, the display interface box may not be installable, depending on the vehicle or the connected device. For details, consult your nearest ALPINE dealer.

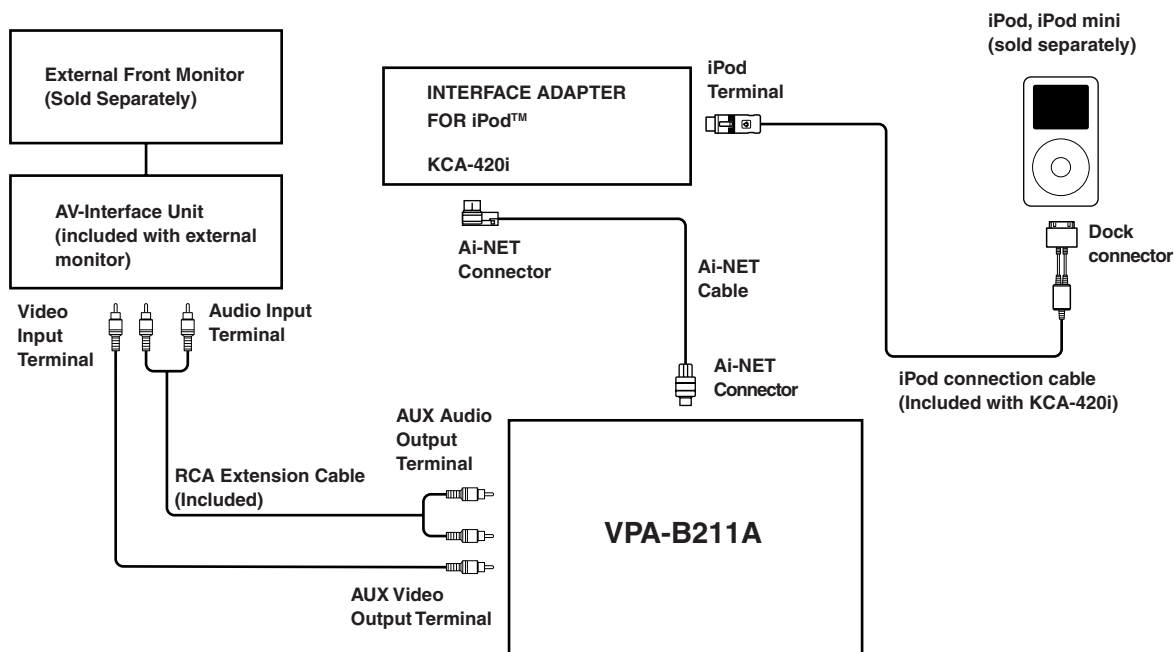
## Connect the Navigation system or the Rear Camera



- If the RGB input terminal and output terminal are reversely connected, be aware that the navigation mode will not be displayed.
- If the unit and an ALPINE navigation system are connected, use an optional RGB cable, or the RGB cable supplied with the navigation device. If the RCA cable is connected, the navigation and interrupt function are not controllable from the unit.
- An optional display interface box is required depending on the connected devices. However, the display interface box may not be installable, depending on the vehicle or the connected device. For details, consult your nearest ALPINE dealer.

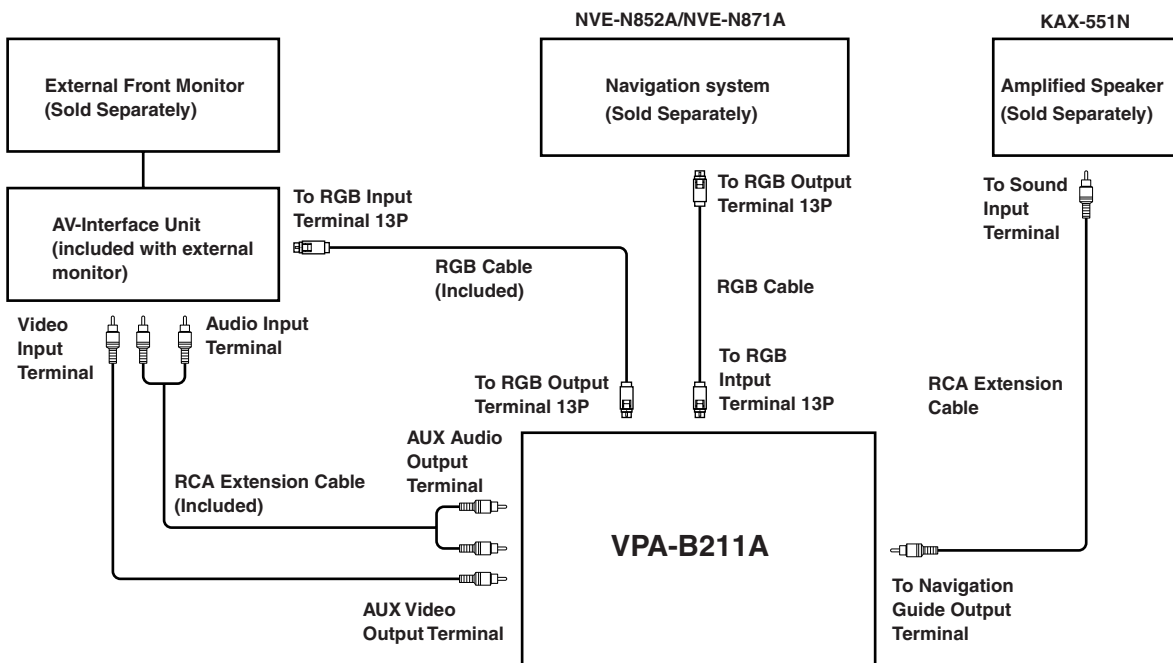


## Connect iPod



- An optional display interface box is required depending on the connected devices. However, the display interface box may not be installable, depending on the vehicle or the connected device. For details, consult your nearest ALPINE dealer.

## Connect the Navigation system, External speaker designed for navigation sound.



- If the RGB input terminal and output terminal are reversely connected, be aware that the navigation mode will not be displayed.
- If the unit and an ALPINE navigation system are connected, use an optional RGB cable or the RGB cable supplied with the navigation device. If the RCA cable is connected, the navigation and interrupt function are not controllable from the unit.
- An optional display interface box is required depending on the connected devices. However, the display interface box may not be installable, depending on the vehicle or the connected device. For details, consult your nearest ALPINE dealer.



## LIMITED WARRANTY

ALPINE ELECTRONICS OF AMERICA, INC. AND ALPINE OF CANADA INC. ("Alpine"), are dedicated to quality craftsmanship and are pleased to offer this Warranty. We suggest that you read it thoroughly. Should you have any questions, please contact your Dealer or contact Alpine at one of the telephone numbers listed below.

### ● PRODUCTS COVERED:

This Warranty covers Car Audio Products and Related Accessories ("the product"). Products purchased in the Canada are covered only in the Canada. Products purchased in the U.S.A. are covered only in the U.S.A.

### ● LENGTH OF WARRANTY:

This Warranty is in effect for one year from the date of the first consumer purchase.

### ● WHO IS COVERED:

This Warranty only covers the original purchaser of the product, who must reside in the United States, Puerto Rico or Canada.

### ● WHAT IS COVERED:

This Warranty covers defects in materials or workmanship (parts and labor) in the product.

### ● WHAT IS NOT COVERED:

This Warranty does not cover the following:

- ① Damage occurring during shipment of the product to Alpine for repair (claims must be presented to the carrier).
- ② Damage caused by accident or abuse, including burned voice coils caused by over-driving the speaker (amplifier level is turned up and driven into distortion or clipping). Speaker mechanical failure (e.g. punctures, tears or rips). Cracked or damaged LCD panels. Dropped or damaged hard drives.
- ③ Damage caused by negligence, misuse, improper operation or failure to follow instructions contained in the Owner's manual.
- ④ Damage caused by act of God, including without limitation, earthquake, fire, flood, storms or other acts of nature.  
Any cost or expense related to the removal or reinstallation of the product.
- ⑤ Service performed by an unauthorized person, company or association.
- ⑥ Any product which has the serial number defaced, altered or removed.
- ⑦ Any product which has been adjusted, altered or modified without Alpine's consent.
- ⑧ Any product not distributed by Alpine within the United States, Puerto Rico or Canada.
- ⑨ Any product not purchased from an Authorized Alpine Dealer.

### ● HOW TO OBTAIN WARRANTY SERVICE:

- ① You are responsible for delivery of the product to an Authorized Alpine Service Center or Alpine for repair and for payment of any initial shipping charges. Alpine will, at its option, repair or replace the product with a new or reconditioned product without charge. If the repairs are covered by the warranty, and if the product was shipped to an Authorized Alpine Service Center or Alpine, Alpine will pay the return shipping charges.
- ② You should provide a detailed description of the problem(s) for which service is required.

- ③ You must supply proof of your purchase of the product.
- ④ You must package the product securely to avoid damage during shipment. To prevent lost packages it is recommended to use a carrier that provides a tracking service.

### ● HOW WE LIMIT IMPLIED WARRANTIES:

ANY IMPLIED WARRANTIES INCLUDING FITNESS FOR USE AND MERCHANTABILITY ARE LIMITED IN DURATION TO THE PERIOD OF THE EXPRESS WARRANTY SET FORTH ABOVE AND NO PERSON IS AUTHORIZED TO ASSUME FOR ALPINE ANY OTHER LIABILITY IN CONNECTION WITH THE SALE OF THE PRODUCT.

### ● HOW WE EXCLUDE CERTAIN DAMAGES:

ALPINE EXPRESSLY DISCLAIMS LIABILITY FOR INCIDENTAL AND CONSEQUENTIAL DAMAGES CAUSED BY THE PRODUCT. THE TERM "INCIDENTAL DAMAGES" REFERS TO EXPENSES OF TRANSPORTING THE PRODUCT TO THE ALPINE SERVICE CENTER, LOSS OF THE ORIGINAL PURCHASER'S TIME, LOSS OF THE USE OF THE PRODUCT, BUS FARES, CAR RENTALS OR OTHERS COSTS RELATING TO THE CARE AND CUSTODY OF THE PRODUCT. THE TERM "CONSEQUENTIAL DAMAGES" REFERS TO THE COST OF REPAIRING OR REPLACING OTHER PROPERTY WHICH IS DAMAGED WHEN THIS PRODUCT DOES NOT WORK PROPERLY. THE REMEDIES PROVIDED UNDER THIS WARRANTY ARE EXCLUSIVE AND IN LIEU OF ALL OTHERS.

### ● HOW STATE/PROVINCIAL LAW RELATES TO THE WARRANTY:

This Warranty gives you specific legal rights, and you may also have other rights which vary from state to state and province to province. In addition, some states/provinces do not allow limitations on how long an implied warranty lasts, and some do not allow the exclusion or limitation of incidental or consequential damages. Accordingly, limitations as to these matters contained herein may not apply to you.

### ● IN CANADA ONLY:

This Warranty is not valid unless your Alpine car audio product has been installed in your vehicle by an Authorized Installation Center, and this warranty stamped upon installation by the installation center.

### ● HOW TO CONTACT CUSTOMER SERVICE:

Should the product require service, please call the following number for your nearest Authorized Alpine Service Center.

**CAR AUDIO 1-800-ALPINE-1 (1-800-257-4631)**  
**NAVIGATION 1-888-NAV-HELP (1-888-628-4357)**

Or visit our website at; <http://www.alpine-usa.com>

**ALPINE ELECTRONICS OF AMERICA, INC.**, 19145 Gramercy Place, Torrance, California 90501, U.S.A.

**ALPINE ELECTRONICS OF CANADA, INC.**, 7300 Warden Ave., Suite 203, Markham, Ontario L3R 9Z6, Canada  
Do not send products to these addresses.

Call the toll free telephone number or visit the website to locate a service center.