

FOR CAR USE ONLY/NUR FÜR AUTOMOBIL GEBRAUCH/POUR APPLICATION AUTOMOBILE UNIQUEMENT/PARA USO EN AUTOMÓVILES/SOLO PER L'UTILIZZO IN AUTOMOBILE/ENDAST FÖR BILBRUK/ALLEEN VOOR GEBRUIK IN DE AUTO/ТОЛЬКО ДЛЯ ИСПОЛЬЗОВАНИЯ В АВТОМОБИЛЯХ/DO UŻYCIA TYLKO W SAMOCHODZIE

# ALPINE®

## ADVANCED NAVI STATION INE-W970BT



Works with NOKIA



**DIVX™ MP3 AAC**



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- **OWNER'S MANUAL**  
Please read before using this equipment.
- **BEDIENUNGSANLEITUNG**  
Lesen Sie diese Bedienungsanleitung bitte vor Gebrauch des Gerätes.
- **MODE D'EMPLOI**  
Veuillez lire avant d'utiliser cet appareil.
- **MANUAL DE OPERACIÓN**  
Léalo antes de utilizar este equipo.
- **ISTRUZIONI PER L'USO**  
Si prega di leggere prima di utilizzare il attrezzatura.

- **ANVÄNDARHANDLEDNING**  
Innan du använder utrustningen bör du läsa igenom denna användarhandledning.
- **GEBRUIKERSHANDLEIDING**  
Lees deze aanwijzingen aandachtig alvorens dit toestel te gebruiken.
- **РУКОВОДСТВО ПО ЭКСПЛУАТАЦИИ**  
Прочтите настоящее руководство перед началом использования оборудования.
- **INSTRUKCJA OBSŁUGI**  
Prosimy zapoznać się z tą instrukcją przed przystąpieniem do użytkowania urządzenia.

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# Operating Instructions

## PRECAUTIONS

### IMPORTANT INFORMATION, PLEASE READ CAREFULLY BEFORE USING THIS PRODUCT.

This product is intended to safely provide turn-by-turn instructions to get you to a desired destination. Please read the following precautions to ensure that you use this navigation system correctly.

- *This product is not a substitute for your personal judgement. Any route suggestions made by this navigation system should never supersede any local traffic regulations or your personal judgement and/or knowledge of safe driving practices. Do not follow route suggestions if the navigation system instructs you to perform an unsafe or illegal manoeuvre, places you in an unsafe situation, or routes you into an area which you consider unsafe.*
- *Glance at the screen only when necessary and safe to do so. If prolonged viewing of the screen is necessary, stop in a safe and legal manner and location.*
- *Do not input destinations, change settings, or access any functions requiring a prolonged view of the monitor while you are driving. Stop in a safe and legal manner and location before attempting to access the system.*
- *When using the navigation system to find/route to an emergency service, please contact the facility to validate and verify availability, prior to driving to it. Not all locations of emergency service providers such as police and fire stations, hospitals, and clinics are contained in the database. Please use your own judgement and your ability to ask for directions in these situations.*
- *The map database contained within the media (SD memory card) in which it is stored is the most recent map data available at the time of production. Because of changes in streets and neighborhoods, there may be situations where the navigation system may not be able to route you to your desired destination. In these cases, use your own personal judgement.*
- *The map database is designed to provide you with route suggestions, it does not take account of the relative safety of a suggested route, or of factors which may affect the time required to reach your destination. The system does not reflect road closures or construction, road characteristics (i.e. type of road surface, slope or grade, weight or height restrictions, etc.), traffic congestion, weather conditions, or any other factors which may affect the safety or timing of your driving experience. Use your personal judgement if the navigation system is unable to provide you with an alternate route.*
- *There may be situations where the navigation system may display the vehicle's location erroneously. Use your own driving judgement in this situation, taking into account current driving conditions. Please be aware that in this situation, the navigation system should correct the vehicle's position automatically; however, there may be times where you may have to correct the position yourself. If this is the case, stop in a safe and legal manner and location before attempting operation.*

- *Make certain that the volume level of the unit is set to a level which still allows you to hear outside traffic and emergency vehicles. Driving while unable to hear outside sounds could cause an accident.*
- *Please make certain that any other person who intends on using this navigation system reads these precautions and the following instructions carefully.*

**If there is anything in the manual about the operation of the navigation system which you are uncertain about, please contact your local Alpine authorised navigation dealer before using the navigation system.**

## WARNING

### Points to Observe for Safe Usage

- *Read this manual carefully before using this disc and the system components. They contain instructions on how to use this product in a safe and effective manner. Alpine cannot be responsible for problems resulting from failure to observe the instructions in this manual.*
- *This manual uses various pictorial displays to show you how to use this product safely and to alert you to potential dangers resulting from improper connections and operation. Following are the meanings of these pictorial displays. It is important to fully understand the meanings of these pictorial displays in order to use this manual and the system properly.*

### WARNING

- Operation of the system while driving is dangerous. Users should stop vehicle before operating the software.
- Road conditions and regulations take precedence over information contained on the map display: observe actual traffic restrictions and circumstances while driving.
- This software is designed for use exclusively in the INE-W970BT. It cannot and may not be used in conjunction with other hardware.

### WARNING

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

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**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 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.

---

**DO NOT WATCH VIDEO WHILE DRIVING.**

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

---

**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.

---

**DO NOT FOLLOW ROUTE SUGGESTIONS IF THE NAVIGATION SYSTEM INSTRUCTS YOU TO PERFORM AN UNSAFE OR ILLEGAL MANEUVER, OR PLACES YOU IN AN UNSAFE SITUATION OR AREA.**

This product is not a substitute for your personal judgement. Any route suggestions by this system should never supersede any local traffic regulations or your personal judgement or knowledge of safe driving practice.

---

**KEEP THE VOLUME AT A LEVEL WHERE YOU CAN STILL HEAR OUTSIDE NOISES WHILE DRIVING.**

Excessive volume levels that obscure sounds such as emergency vehicle sirens or road warning signals (train crossings, etc.) can be dangerous and may result in an accident. LISTENING AT LOUD VOLUME LEVELS IN A CAR MAY ALSO CAUSE HEARING DAMAGE.

---

**MINIMIZE DISPLAY VIEWING WHILE DRIVING.**

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

---

**DO NOT DISASSEMBLE OR ALTER.**

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

---

**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.

---

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

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

---

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

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

---

**DO NOT BLOCK VENTS OR RADIATOR PANELS.**

Doing so may cause heat to build up inside and may result in fire.

---

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

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

---

**DO NOT PLACE HANDS, FINGERS OR FOREIGN OBJECTS IN INSERTION SLOTS OR GAPS.**

Doing so may result in personal injury or damage to the product.

---

 **CAUTION**

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

---

**HALT USE IMMEDIATELY IF A PROBLEM APPEARS.**

Failure to do so may cause personal injury or damage to the product. Return it to your authorized Alpine dealer or the nearest Alpine Service Centre for repairing.

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**KEEP FINGERS AWAY WHILE THE MOTORIZED FRONT PANEL OR MOVING MONITOR IS IN MOTION.**

Failure to do so may result in personal injury or damage to the product.



## NOTICE

### Product Cleaning

Use a soft dry cloth for periodic cleaning of the product. For more severe stains, please dampen the cloth with water only. Anything else has the chance of dissolving the paint or damaging the plastic.

### Temperature

Be sure the temperature inside the vehicle is between +45°C (+113°F) and 0°C (+32°F) before turning your unit on.

### Moisture Condensation

You may notice the disc playback sound wavering due to condensation. If this happens, remove the disc from the player and wait about an hour for the moisture to evaporate.

### Damaged Disc

Do not attempt to play cracked, warped, or damaged discs. Playing a bad disc could severely damage the playback mechanism.

### Maintenance

If you have problems, do not attempt to repair the unit yourself. Return it to your Alpine dealer or the nearest Alpine Service Station for servicing.

### Never Attempt the Following

Do not grip or pull out the disc while it is being pulled back into the player by the automatic reloading mechanism.

Do not attempt to insert a disc into the unit when the unit power is off.



### Inserting Discs

Your player accepts only one disc at a time for playback. Do not attempt to load more than one disc.

Make sure the label side is facing up when you insert the disc. Playing a disc while driving on a very bumpy road may result in skips, but this will not scratch the disc or damage the player.

### Irregular Shaped Discs

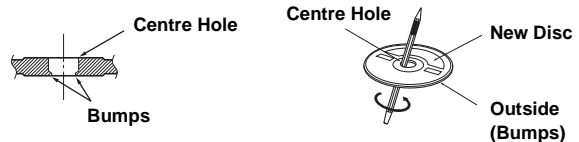
Be sure to use round shaped discs only for this unit and never use any special shaped discs.

Use of special shaped discs may cause damage to the mechanism.



### New Discs

To prevent the disc from jamming, "Disc error" is displayed if discs with irregular surfaces are inserted or if discs are inserted incorrectly. When a new disc is ejected immediately after initial loading, use your finger to feel around the inside of the centre hole and outside edge of the disc. If you feel any small bumps or irregularities, this could inhibit proper loading of the disc. To remove the bumps, rub the inside edge of the hole and outside edge of the disc with a ballpoint pen or other such instrument, then insert the disc again.



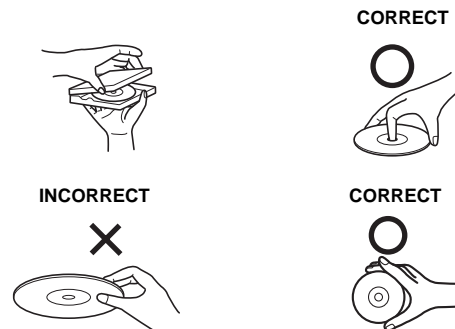
### Installation Location

Make sure the INE-W970BT will not be installed in a location subjected to:

- Direct sun and heat
- High humidity and water
- Excessive dust
- Excessive vibrations

### Correct Handling

Do not drop the disc while handling. Hold the disc so you will not leave fingerprints on the surface. Do not affix tape, paper, or gummed labels to the disc. Do not write on the disc.



### Disc Cleaning

Fingerprints, dust, or soil on the surface of the disc could cause the DVD player to skip. For routine cleaning, wipe the playing surface with a clean, soft cloth from the centre of the disc to the outer edge. If the surface is heavily soiled, dampen a clean, soft cloth in a solution of mild neutral detergent before cleaning the disc.



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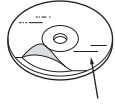
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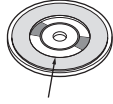
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## Disc Accessories

There are various accessories available on the market for protecting the disc surface and improving sound quality. However, most of them will influence the thickness and/or diameter of the disc. Using such accessories can cause operational problems. We recommend not using these accessories on discs played in Alpine DVD players.



Transparent Sheet



Disc Stabiliser

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 INE-W970BT. This has been done for the safety of the driver and passengers. Setup operations 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 "Unable to operate while driving." will be displayed if any attempts are made to perform these operations while driving.

- The INE-W970BT draws minimal current even when its power switch is turned off. If the switched power (ignition) lead of the INE-W970BT is connected directly to the positive (+) post of the vehicle's battery, the battery may be discharged.  
An SPST (Single-Pole, Single-Throw) switch (sold separately) can be added to simplify this procedure. Then, you can simply place it in the OFF position when you leave the vehicle. Turn the SPST switch back ON before using the INE-W970BT. For connecting the SPST switch, refer to the "Connection Diagram of SPST Switch (sold separately)" (page 85). If the power (ignition) lead is unswitched, it must be disconnected from the battery post should the vehicle be left unused for an extended period of time.

## Discs Playable on This Unit

### Playable Discs

The discs listed below can be played on this unit.

	Mark (logo)	Recorded Content	Disc size
DVD Video		Audio + Video	12 cm*
Music CD		Audio	12 cm
DivX®		Audio + Video	12 cm

\* Two-layer DVD disc compatible

The formatted discs listed below can be played on this unit.

	CD-R/ CD-RW	DVD-R/ DVD-RW	DVD+R/ DVD+RW
CD Format	○		
MP3 Format ("mp3")	○	○	○
WMA Format ("wma")	○	○	○
AAC Format ("aac," "m4a")	○	○	○
DVD Video Format		○	○
DivX Format ("avi," "divx")	○	○	○

- Discs that are not finalised cannot be played back.

### Discs that cannot be played

DVD-ROMs, DVD-RAMs, CD-ROMs (excluding MP3/WMA/AAC files), photo CDs, etc.

### DualDisc

This unit is not compatible with DualDisc.

Using a DualDisc may cause unit malfunction, and may cause disc damage when the disc is inserted/ejected.

### DVD region number (playable region number)

This DVD player will play back any disc whose region number is 2 (or All). DVDs with a region number other than those listed below, cannot be played on this DVD player.



### Using compact discs (CD/CD-R/CD-RW)

If you use unspecified compact discs, correct performance cannot be guaranteed.

You can play CD-Rs (CD-Recordables)/CD-RWs (CD-ReWritables) which have been recorded only on audio devices. You can also play CD-Rs/CD-RWs containing MP3/WMA/AAC formatted audio files.

- Some of the following discs may not play on this unit:  
Flawed discs, discs with fingerprints, discs exposed to extreme temperatures or sunlight (e.g., left in the car or this unit), discs recorded under unstable conditions, discs on which a recording failed or a re-recording was attempted, copy-protected CDs which do not conform to the audio CD industry standard.
- Use discs with MP3/WMA/AAC files written in a format compliant with this unit. For details, see pages 23 and 24.

To customers using CD-R/CD-RW

- If a CD-R/CD-RW cannot be played back, make sure the last recording session was closed (finalised).
- Finalise the CD-R/CD-RW if necessary, and attempt playback again.

### Tips for making your own discs

The INE-W970BT plays DVD Video, DivX<sup>®</sup>, Audio CD and has a built in MP3/WMA/AAC decoder.

The following information is designed to help you create your own music CDs (either Audio CD or MP3/WMA/AAC encoded CD-R/RW files).

### What is the difference between an Audio and MP3/WMA/AAC CD?

An Audio CD is the same format as the commercial CDs you buy in the store (also known as CD-DA). MP3 (MPEG Audio Layer 3)/WMA (Windows Media Audio)/AAC (Advanced Audio Coding) is a data file that uses a compression scheme to reduce the size of the music file\*.

### Multisession CD-R/RW:

Once a recording has been stopped, this is considered one session. If the disc is not closed (finalised), additional data may be added. Once this additional data has been recorded, this becomes a "multisession" CD.

- \* If the first session on a disc containing both CD-DA data and MP3/WMA/AAC data is a CD-DA file, only CD-DA files will be played.

### Properly formatted MP3/WMA/AAC Discs:

Use ISO9660 formatting to insure proper playback. You may use standard ISO naming Level 1 (8.3 DOS standard), Level 2 (32 characters) or Joliet (Windows or Macintosh long filenames) file naming conventions\*.

- \* Please consult the Owner's manual for additional information.

### On handling compact discs (CD/CD-R/CD-RW)

- Do not touch the surface.
- Do not expose the disc to direct sunlight.
- Do not affix stickers or labels.
- Clean the disc when it is dusty.
- Make sure that the disc is smooth and flat.
- Do not use commercially available disc accessories.

### Do not leave the disc in the car or the unit for a long time. Never expose the disc to direct sunlight.

Heat and humidity may damage the disc and you may not be able to play it again.

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### Using DVD-Rs/DVD-RWs/DVD+Rs/DVD+RWs

- This unit is compatible with discs recorded in the standard DVD-Video format.
- Note that discs not finalised (processed to enable to play on playback-only DVD players) cannot be played on this DVD player.
- Some discs may not play back, depending on the recording device and disc format.
- Discs or files utilising copy protection, may not be playable. Some recording systems may not properly format copied files to enable proper playback.
- In the following cases, the disc may not play on this unit: discs recorded by certain DVD recorders, certain irregular discs, flawed discs, dirty discs, when the pickup lens of this DVD player is dirty, or when moisture condensation has occurred inside the unit.
- Be sure to follow all cautions included with your DVD-Rs/DVD-RWs/DVD+Rs/DVD+RWs discs.
- Do not put stickers, seals, or tape on the label side of DVD-Rs/DVD-RWs/DVD+Rs/DVD+RWs.
- Compared to the regular discs, DVD-Rs/DVD-RWs/DVD+Rs/DVD+RWs are more affected by heat, moisture, and direct sunlight. If left in a car, etc., damage may occur and it might not play on this unit.
- The operable temperature range for disc playback is as follows:  
DVD-R/DVD-RW: -25 ~ +70°C  
DVD+R/DVD+RW: +5 ~ +55°C

### Disc terminology

#### Title

If titles are programmed for the DVD, these are the largest units of division of the information recorded on the disc.

#### Chapter

Each Title may also be divided into smaller divisions, called chapters. These can be specific scenes or musical selections.

### Protecting the USB connector

- Only an iPod/iPhone, USB memory or Nokia Phone can be connected to the USB connector on this unit. Correct performance using other USB products cannot be guaranteed.
- If the USB connector is used, be sure to use only the supplied connector cable with the unit. A USB hub is not supported.
- Depending on the connected USB memory device, the unit may not function or some functions may not be performed.
- The audio file format that can be played back on the unit is MP3/WMA/AAC.
- The video file format that can be played back on the unit is DivX<sup>®</sup>.
- Artist/song name, etc., can be displayed. Certain, special characters may not be correctly displayed.

## CAUTION

*Alpine accepts no responsibility for lost data, etc., even if data, etc., is lost while using this product.*

### On Handling USB Memory

- This unit can control a memory storage device that supports the USB Mass Storage Class (MSC) protocol. Playable audio file formats are MP3, WMA and AAC.
- USB memory function is not guaranteed. Use USB memory according to the terms of agreement. Read the USB memory Owner's Manual thoroughly.
- Avoid usage or storage in the following locations:
  - Anywhere in the car exposed to direct sunlight or high temperatures.
  - Anywhere the possibility of high humidity or corrosive substances are present.
- Fix the USB memory in a location where driver operation will not be hindered.
- USB memory may not function correctly at high or low temperature.
- Use only certified USB memory. Note that even certified USB memory, may not function correctly depending on its type or state.
- Depending on the settings of the USB memory type, memory state or encoding software, the unit may not play back or display properly.
- Files protected by DRM (Digital Rights Management), cannot be played back on this unit. These include AAC formatted files purchased from the iTunes Store and WMA or other files with some form of copyright protection.
- USB memory may take time to start playback. If there is a particular file other than audio in the USB memory, it may take considerable time before the file is played back or searched.
- The unit can play back "mp3," "wma" or "m4a" file extensions.
- Do not add the above extensions to a file other than audio data. This non-audio data will not be recognised. The resulting playback may contain noise that can damage speakers and/or amplifiers.
- It is recommended to back up important data on a personal computer.
- Do not remove the USB device while playback is in progress. Change SOURCE to something other than USB, then remove the USB device to prevent possible damage to its memory.

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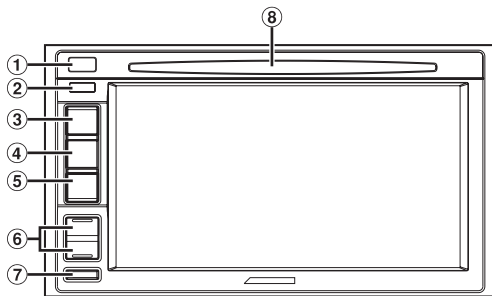
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# Getting Started

## Accessory List

• INE-W970BT .....	1
• Power cable .....	1
• Flush head screw (M5x8) .....	6
• Screw (M5x8) .....	8
• AUX/PRE OUT cable .....	1
• GPS Antenna .....	1
• Antenna mounting plate .....	1
• Cable clamp .....	3
• USB extension cable .....	1
• Microphone .....	1
• Mounting sleeve .....	1
• Face plate .....	1
• Bracket key .....	2
• Rubber cap .....	1
• Hex bolt .....	1
• Owner's Manual .....	1set

## Location of Controls



- ① **▲ (Eject) button**  
Ejects a disc.
- ② **Remote Sensor**  
Point the remote control transmitter towards the remote sensor within a range of 2 metres.
- ③ **▲ (MAP) button**  
Recalls the navigation map screen.  
Press and hold this button at least 3 seconds to Dual Screen. Refer to "About Dual Screen" (page 16).  
For details of navigation operations, refer to "Navigation System OM" in the CD-ROM.
- ④ **☎ (PHONE) button**  
Recalls the Telephone Menu screen.  
When a hands-free phone is connected, press and hold for at least 3 seconds to switch to the call history screen.
- ⑤ **🎵 (AUDIO) button**  
Displays the Audio/Visual screen. If the Audio/Visual screen is already displayed, changes the source. Press and hold AUDIO for at least 3 seconds to activate the "Setting the Balance/Fader/Subwoofer" mode.
- ⑥ **∨/∧ (UP/DOWN) button**  
Press to adjust the volume.

- ⑦ **MUTE/⏸ button**  
Press to activate /deactivate the mute mode.  
Press and hold for at least 3 seconds to turn the power off.
- ⑧ **DISC Slot**

### Optional Remote Control Interface Box

This unit is operable using the vehicle's secondary radio controls. An Alpine Remote Control Interface Box (optional) is required. For details, contact your Alpine dealer.

### Controllable with Remote Control

This unit can be controlled with an optional Alpine remote control. For details, consult your Alpine dealer. Point the optional remote control transmitter at the remote control sensor.

### About the button descriptions used in this Owner's Manual

The buttons found on the face of the unit are expressed in bold (e.g. MUTE). The buttons found on the touch-screen display are shown in bold within brackets, [ ] (e.g. [X]).

## Turning Power On or 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.

- 1 **Turn the ignition key to the ACC or ON position.**  
The system turns on.
  - *When turned on, the system displays the last mode screen that was displayed before the ignition key was turned off. For example, if the unit is in radio mode when ignition is turned off, it will remain in radio mode when ignition is turned back on.*
- 2 **Press and hold the MUTE button for at least 3 seconds to turn the power off.**
  - *The unit can be turned on by pressing any button.*
  - *The INE-W970BT is a precision device. Careful handling of the unit should provide you with years of trouble-free operation.*

## Turning the System On

With the Alpine system, when the ignition key is turned to ACC or ON, the opening screen will be automatically displayed.

- 1 When the system is used for the first time, the language selection menu is displayed. There are 24 languages to choose from. Touch **[▲]** or **[▼]** to scroll the list, and then touch the desired language.



- You can also scroll through lists by touching the screen and sliding your finger up and down.

- 2 Touch **[OK]**.

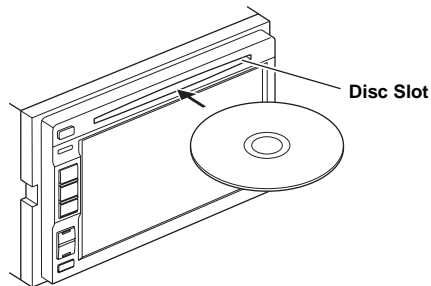
The radio screen is displayed.

- 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.

## Inserting/Ejecting a Disc

### Inserting the Disc

Insert the disc with the label side facing up.



When you insert the disc up to certain point, it is automatically pulled into the unit. The unit starts to play the disc.

- Do not touch the surface of the disc directly with your fingers.
- Before inserting or removing the disc, always turn the ignition key to ACC or ON. You cannot remove or insert the disc with the ignition key turned to OFF.

### Removing the Disc

Press **▲** (Eject) button.

When the disc has been ejected part way, take it out.

- If the disc cannot be ejected by pressing **▲**, press and hold **▲** again for at least 5 seconds.

## Adjusting the Volume

Adjust the volume by pressing **∨** or **∧**.

Volume decreases/increases continuously by pressing and holding **∨** or **∧**.

Volume: 0 - 35

## Lowering Volume Quickly

Activating the Audio Mute function will instantly lower the volume level by 20 dB.

- 1 Press **MUTE** button to activate the MUTE mode. The audio level will decrease by about 20 dB.
- 2 Pressing **MUTE** button again will bring the audio back to its previous level.


## Top banner and Bottom banner Fade Out Setting

When "Top/Bottom Banner Fade Out" is set to [ON], the Top banner and Bottom banner on the Audio/Visual Playback screen fade out after 5 seconds if no operation is performed. To display the keys again, touch the middle of the screen.




- For details of how to set Top/Bottom Banner Fade Out, refer to "Setting Top banner and Bottom banner Display" (page 31).

## Switching Sources

During audio/visual playback, press the  (AUDIO) button or touch a source button in the top banner to switch to the desired source.

### Switching Sources Using the (AUDIO) Button

During audio/visual playback, press the  (AUDIO) button repeatedly to switch to the desired source.

Radio → Disc\*<sup>1</sup> → USB/iPod\*<sup>1</sup> → AUX-1\*<sup>2</sup> → AUX-2\*<sup>2</sup> → AUX-3\*<sup>3</sup> → BLUETOOTH AUDIO → Radio...

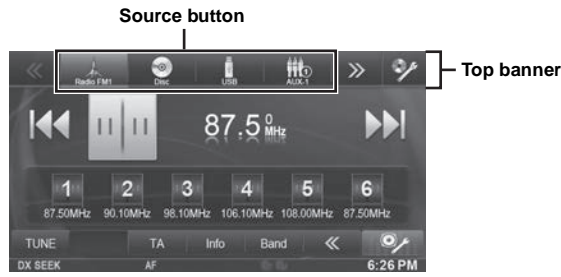
\*<sup>1</sup> When no disc is inserted or no USB memory/iPod is connected, this option is not available.

\*<sup>2</sup> When AUX In is set to "Off", this option is not available.

\*<sup>3</sup> When AUX3 In Sel. is set to "iPod Video," this option is not available.

### Switching Sources Using the Top banner

Touch the source button for the Top banner at the top of the Audio/Visual Playback screen and select the desired source.



If the source button is hidden, touch [ $\ll$ ] [ $\gg$ ].

## Screen Off Function

This mode is useful if you feel the unit's display is too bright at night. To cancel Screen OFF mode, touch the screen or press any button.

- Screen OFF mode is not cancelled by Volume UP/DOWN, Mute ON/OFF or DISC Eject.
- Screen OFF mode is cancelled when the power or ACC is turned off.
- When the gear lever is shifted to the reverse (R) position while the rear camera is connected, the rear camera image is displayed.
- When a call is received while a BLUETOOTH device is connected, the incoming call screen is displayed.

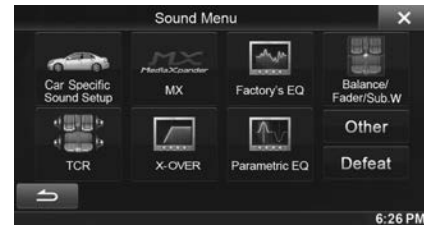
## About Sound Menu button

Touch [Sound Menu] icon on the screen to change the screen to the Sound Menu screen. Refer to "Sound Setup" (page 34).



[Sound Menu] icon

## Sound Menu Screen

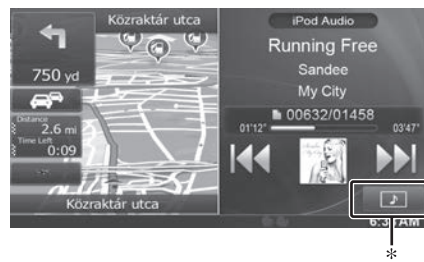





## About Dual Screen

If you want to display the music playback screen while route guidance is displayed, etc., you can display the Navigation and Audio/Visual screens simultaneously.

Press and hold the  (MAP) button for at least 3 seconds.

## Dual Screen




- Touch the Navigation screen or press the  (MAP) button to change to the Navigation Full Screen.
- Press the  (AUDIO) button or touch  to change to the Audio/Visual Full Screen.

\* During video playback, [Dual Wide], [Dual Full] and [Full Screen] appear on the screen for selecting the screen size. For details, refer to "Switching the Dual Screen Display" (page 17).



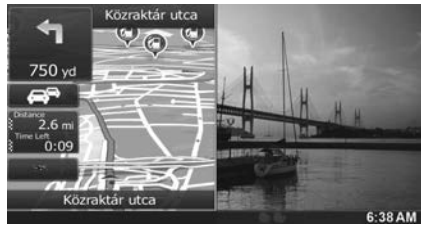
### Switching the Dual Screen Display

When you touch  on the dual screen during video playback, the screen size selection message is displayed.

#### ■ Dual Wide (Initial setting)



#### ■ Dual Full

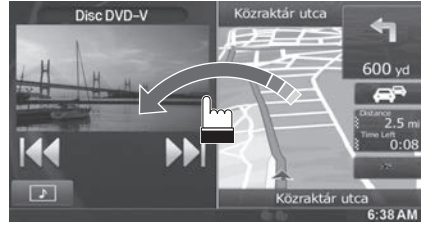


#### ■ Full Screen



### Dual Screen Display Position

You can switch the right and left screen positions using drag & drop around the centre of the navigation screen. The screens will switch positions when you remove your finger.



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## Touch Operation

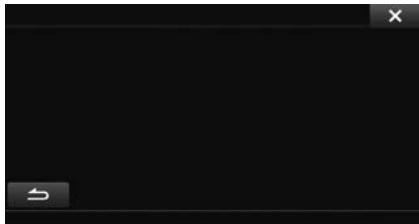
You can operate the system by using the touch panel on the screen.

- Be sure to touch the onscreen button lightly with the pad of your finger to protect the display.
- If you touch a button and there is no reaction, remove your finger from the display once, and try again.
- Onscreen buttons that cannot be operated appear dull in colour.

### Common onscreen buttons

[↶]: Returns to the previous screen. Depending on the function, this button may cancel the operations performed on the screen.

[X]: Closes the window.



## Selecting an Item in a List

To scroll through a list, perform the following operations.

### Touch the screen and slide your finger up and down.

The screen will scroll along with your finger movement. Also, you can touch [▲] and [▼].



- After touching the screen, move your finger away from the screen before dragging and that item will be selected.

## About the Indicator Display

The Indicator Bar at the bottom of the screen displays various types of information, like the current time.



- ① The display will differ depending on the source. For details, refer to the display example of each source.
- ② Lights up when connected to a BLUETOOTH compatible device.
  - [Bluetooth icon]: BLUETOOTH connection to audio device
  - [Phone icon]: BLUETOOTH connection to Hands Free Phone
  - Blinks while reconnecting. Does not display when connection is set to OFF.
- ③ Indicates the battery level of the connected BLUETOOTH device.

Battery Level	No Battery	Level 1	Level 2	Level 3
Icon	[No Battery Icon]	[Level 1 Icon]	[Level 2 Icon]	[Level 3 Icon]

This may not be displayed depending on the connected BLUETOOTH device.

- ④ Indicates the signal strength level of the connected BLUETOOTH compatible device. Displayed when BLUETOOTH setting is ON.

0	1	2	3	No Service
[Signal Strength 0 Icon]	[Signal Strength 1 Icon]	[Signal Strength 2 Icon]	[Signal Strength 3 Icon]	[No Service Icon]

- ⑤ The clock display

You can switch between the 12 hour display and 24 hour display options.

For details of the clock display settings, refer to "Navigation System OM" in the CD-ROM.

# Radio

## ■ Display example for Radio main screen



- ① Band display
- ② Frequency display
- ③ Preset button
- ④ SEEK mode

## Listening to the Radio

- 1 Press the **AUDIO** button.
- 2 Touch **[Radio]** of Top banner.  
The radio mode is activated and the display changes to the Radio mode screen.
  - The display content varies depending on the last band selected. ([RadioFM1], etc.)
- 3 Touch **[Band]** of Bottom banner to select the desired radio band.  
Each touch changes the bands as follows:  
FM-1 → FM-2 → FM-3 → MW → LW → FM-1
- 4 Touch **[TUNE]** to select the tuning mode.  
DX SEEK    Local SEEK    MANUAL    PTY\*  
  - \* Displays only when the PTY tuning mode is selected. For details, refer "PTY (Programme Type) Tuning" (page 21)
  - There are two modes you can select for auto tuning, DX and Local:
    - DX (Distance) mode;  
Both strong and weak stations will be tuned in.
    - Local mode;  
Only strong stations will be tuned in.  
The initial setting is DX.
- 5 Touch [**◀◀**], [**▶▶**] or [**◀◀**], [**▶▶**] to change the radio frequency up or down respectively.  
In manual mode, touch and hold to change the frequency continuously.

## Presetting Stations Manually

- 1 Tune in a desired radio station you wish to store in the preset memory by manual or automatic seek tuning.
- 2 Touch and hold any one of the preset buttons for at least 2 seconds.  
The selected station is stored.
- 3 Repeat the procedure to store up to 5 other stations onto the same band.  
To use this procedure for other bands, simply select the desired band and repeat the procedure.  
A total of 30 stations can be stored in the preset memory (6 stations for each band; FM1, FM2, FM3, MW or LW).
  - If a preset memory has already been set in the same preset number, it will be cleared and the new station will be memorised.

## Presetting Stations Automatically

The tuner can automatically seek and store 6 strong stations in the selected band in ascending order of frequency.

### After selecting the desired band, touch **[A.Memo]** of Bottom banner.

The tuner automatically seeks and stores 6 strong stations into the preset buttons in ascending order of frequency. When automatic storing has completed, the station stored in the preset 1 is selected.

- If no stations are stored, the tuner will return to the original station you were listening to before the automatic storing procedure began.
- You can cancel this process by touching **[A.Memo]** while the tuner is automatically seeking stations. Cancelling will return the tuner preset to the previous setting.

## Tuning to Preset Stations

You can tune in the preset stations in memory on either band using its preset number.

- 1 Touch **[Band]** of Bottom banner repeatedly until the desired band is displayed.
- 2 Touch any one of the preset buttons that has a station stored to it.  
The preset station is received.

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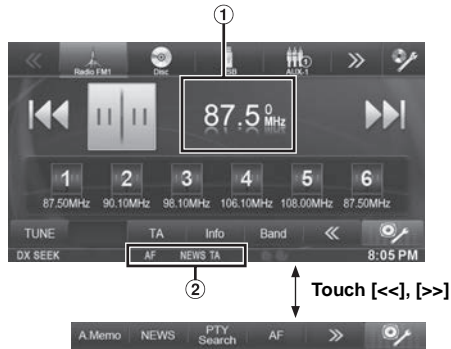
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# RDS

## ■ Display example for RDS Information



- ① Displays the Radio text (When a Radio station that transmits text messages)
- ② RDS indicator

## Turning AF (Alternative Frequencies) On or Off

The RDS (Radio Data System) is a radio information system using the 57 kHz subcarrier of regular FM broadcasts. The RDS allows you to receive a variety of information such as traffic information, station names, and to automatically re-tune to a stronger transmitter that is broadcasting the same programme.

### 1 Press the **🎵 (AUDIO)** button.

### 2 Touch **[Radio]** of Top banner.

The radio mode is activated and the display changes to the Radio mode screen.

- The display content varies depending on the last band selected. (eg. [RadioFM1], etc.)

### 3 Touch **[AF]** of Bottom banner to select the **AF (Alternative Frequency) ON or OFF mode.**

In AF ON mode, the "AF" Indicator lights up.

If [AF] is not displayed, touch [<<] in the bottom banner to display [AF].

- RDS mode is not be displayed for the MW or LW band.
- When the AF ON mode is selected, the unit automatically tunes to a strong signal station in the AF list.
- Use the AF OFF mode when automatic re-tuning is not required.

#### Tips

- If the unit receives the PTY31 (Emergency Broadcast) signal, the unit will show "Alarm" in the display only when PTY31 is set to on. For operation, refer to "Setting PTY31 (Emergency Broadcast) Reception" (page 43).
- The RDS digital data includes the following:
 

PI	Programme Identification
PS	Programme Service Name
AF	List of Alternative Frequencies
TP	Traffic Programme
TA	Traffic Announcement
PTY	Programme Type
EON	Enhanced Other Networks
- Refer to page 43 about "PI SEEK Setting," "Receiving RDS Regional (Local) Stations," "Switching the Display Language of PTY (Programme Type)" and "Setting PTY31 (Emergency Broadcast) Reception."

## Receiving Traffic Information

### Touch **[TA]** of Bottom banner to turn on the **Traffic Information mode.**

The TA indicator lights up.

When the traffic information station is tuned in, the TP indicator lights up.

Traffic information is heard only when it is being broadcast. If traffic information is not being broadcast, the unit is set in the standby mode.

When a traffic information broadcast begins, the unit automatically receives it and the display shows "T.Info."

When the traffic information broadcast is over, the unit will automatically be set to the standby mode.

- If the traffic information broadcast signal falls below a certain level, the unit remains in the receiving mode for 1 minute. If the signal remains below a certain level for over 70 seconds, "TA" will blink in the display.
- If you do not want to listen to traffic information being received, touch **[TA]** to skip that traffic information message. The T. Info mode will remain in the ON position to receive the next traffic information message.
- If the volume level is changed while receiving traffic information, the changed volume level will be memorised. When traffic information is received next time, the volume level will be automatically adjusted to the level memorised.
- If the Traffic Information mode is activated, the unit automatically switches to radio source (even if you select another source) and receives the traffic information broadcast. When the traffic information is finished, the unit returns to the previous source.

## Receiving Traffic Information Manually

- 1 Touch **[TA]** of Bottom banner to turn on the **Traffic Information mode**.  
The TA indicator lights up.
  - 2 Touch **[◀◀]** or **[▶▶]**.  
Seeks the broadcast station which is broadcasting the traffic information.
- You can seek the traffic information in *DX Seek mode* or *Local Seek mode*.

## PTY (Programme Type) Tuning

- 1 Touch **[PTY Search]** of Bottom banner.  
The Select PTY list screen is displayed.  
If [PTY Search] is not displayed, touch [ $\ll$ ] in the bottom banner to display [PTY Search].
- 2 Touch the selected programme type to start searching for a station in the type.  
If no PTY station is found, "NO PTY." will be displayed.
- 3 Touch **[TUNE]** to choose the PTY tuning mode.  
The PTY mode is activated.
- 4 To select the station in the PTY, touch [ $\ll$ ] or [ $\gg$ ].

## Priority News

This function gives priority to the News programme. Whenever the News programme broadcasts, it will interrupt the programme you are currently listening to.

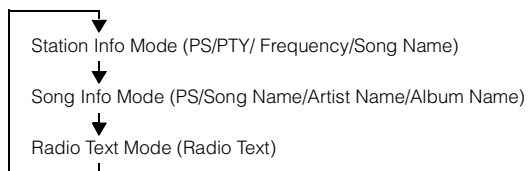
Touch **[News]** of Bottom banner to activate the **PRIORITY NEWS mode**.

The "NEWS" indicator appears in the display. Touch **[News]** again to deactivate the Priority News mode and return to the programme you were previously listening to.

## Displaying Radio Text

Text messages from a radio station can be displayed.

- 1 Tune in a radio station that transmits text messages.
- 2 Touch **[Info]** in the bottom banner in FM radio mode repeatedly to switch to the desired display.



# CD/MP3/WMA/AAC

## ■ Display example for MP3/WMA/AAC main screen



- ① Song title
- ② Artist title
- ③ Album title
- ④ Current song no./Total song no.
- ⑤ Elapsed time

- If there is no CD text, the message "NO TEXT" appears.

## Playback

### 1 Press the **🎵 (AUDIO)** button.

### 2 Touch **[Disc]** of Top banner.

The display shows the Disc mode screen.

When a disc is inserted into the disc slot of this unit, with the label side facing up, the unit starts playback of the disc.

### 3 Touch **[◀◀]** or **[▶▶]** to select the desired track (file).

#### Returning to the beginning of the current track (file):

Touch **[◀◀]**.

#### Fast reverse :

Touch and hold **[◀◀]**.

#### Advancing to the beginning of the next track (file) :

Touch **[▶▶]**.

#### Fast forward :

Touch and hold **[▶▶]**.

### 4 To pause playback, touch **[▶/||]**.

**[▶]** is displayed in the middle of the screen.

Touch **[▶/||]** again or touch **[▶]** in the middle of the screen to start playback.

- The INE-W970BT can play back MP3/WMA/AAC files saved to CD or DVD. Use a format compliant with this unit.  
For further information about playing or storing MP3/WMA/AAC files, refer to pages 23 and 24 before using the unit.
- Any file protected by DRM (Digital Rights Management) copy protection, cannot be played back on this unit.
- If a disc contains both audio data and MP3/WMA/AAC data, this unit plays back only the audio data.
- The track display for CD audio data playback shows the track numbers recorded on the disc.
- If an MP3/WMA/AAC disc with many files and folders is played, it may take longer than normal to start playback.
- The playback time may not be correctly displayed when a VBR (Variable Bit Rate) recorded file is played back.

## Repeat Play

### Touch **[🔄]** to repeatedly play back.

The tracks (files) will be played repeatedly.

The repeat mode switches every time the button is touched.

CD:

Repeat → (OFF) → Repeat



MP3/WMA/AAC:

Repeat → Repeat Folder\* → (OFF) → Repeat



- \* Only files in a folder are repeatedly played back.

- If the Repeat Play mode is activated during M.I.X. playback, the M.I.X. mode will be cancelled.

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

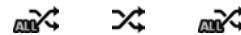
### Touch **[🔀]** of Bottom banner during playback.

The tracks (files) on the disc will be played back in a random sequence.

The M.I.X. mode switches every time **[🔀]** is touched.

CD:

M.I.X. → (OFF) → M.I.X.



MP3/WMA/AAC:

M.I.X. Folder\* → (OFF) → M.I.X. Folder\*



- \* Only files in a folder are played back in random sequence.

- If the M.I.X. mode is activated during Repeat playback, the Repeat Play mode will be cancelled.
- If you select a track by using the search mode, the M.I.X. play mode will be cancelled.

## Selecting Folders (Concerning MP3/WMA/AAC)

Touch **[◀■]** or **[■▶]** of Bottom banner to select the folder.

## Searching from CD Text

- 1 Touch [**Q** (**Search**)] of Bottom banner during playback.  
The CD text search screen is displayed.
  - 2 Touch the selected track name.  
The selected track will be played back.
- For details on how to scroll through the list, refer to "Selecting an Item in a List" (page 18).

## File/Folder Name Search (Concerning MP3/WMA/AAC)

- 1 Touch [**Q** (**Search**)] of Bottom banner during playback.  
The search mode is activated.
- 2 Touch [**MUSIC**].  
The folder name list screen is displayed.

### Folder Name Search mode

- 3 Touch [**▶**] in the desired folder.  
The first file in the selected folder is played back.

### File Name Search mode

- 3 Touch the desired folder name.  
The File name of the selected folder is displayed.
  - 4 Touch the desired file name.  
The selected file is played back.
- To return to the previous hierarchy, touch [**↶**].
  - For details on how to scroll through the list, refer to "Selecting an Item in a List" (page 18).
  - After selecting a folder via a Folder name search, touch [**☰**] on the main screen to display the folder search screen.
  - After selecting a file via a File name search, touch [**☰**] on the main screen to display the file search screen.

## About MP3/WMA/AAC

### CAUTION

Except for private use, duplicating audio data (including MP3/WMA/AAC data) or distributing, transferring, or copying it, whether for free or for a fee, without permission of the copyright holder is strictly prohibited by the Copyright Act and by international treaty.

### What is MP3?

MP3, whose official name is "MPEG Audio Layer 3," is a compression standard prescribed by the ISO, the International Standardisation Organisation and MPEG which is a joint activity institution of the IEC.

MP3 files contain compressed audio data. MP3 encoding is capable of compressing audio data at extremely high ratios, reducing the size of music files to as much as one-tenth their original size. This is achieved while still maintaining near CD quality. The MP3 format realises such high compression ratios by eliminating the sounds that are either inaudible to the human ear or masked by other sounds.

### What is AAC?

AAC is the abbreviation for "Advanced Audio Coding," and is a basic format of audio compression used by MPEG2 or MPEG4.

### What is WMA?

WMA, or "Windows Media™ Audio," is compressed audio data. WMA is similar to MP3 audio data.

### Method for creating MP3/WMA/AAC files

Audio data is compressed using software with MP3/WMA/AAC codecs. For details on creating MP3/WMA/AAC files, refer to the user's manual for that software.

MP3/WMA/AAC files that are playable on this device have the file extensions.

MP3: "mp3"

WMA: "wma" (ver. 7.x, 8.x, 9.x are supported)

AAC: "m4a"

WMA is not supported for the following files, Windows Media Audio Professional, Windows Media Audio 9 Voice or Windows Media Audio 9 Pro Lossless.

There are many different versions of the AAC format. Confirm that the software being used conforms to the acceptable formats listed above. It's possible that the format may be unplayable even though the extension is valid. Playback of AAC files encoded by iTunes is supported.

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### Supported playback sampling rates and bit rates

#### MP3

Sampling rates: 8 kHz - 48 kHz (Disc/USB)  
Bit rates: 8 kbps - 320 kbps (Disc/USB)

#### WMA

Sampling rates: 32 kHz - 48 kHz (Disc)  
8 kHz - 48 kHz (USB)  
Bit rates: 64 kbps - 256 kbps (Disc)  
5 kbps - 384 kbps (USB)

#### AAC

Sampling rates: 16 kHz - 96 kHz (Disc)  
8 kHz - 48 kHz (USB)  
Bit rates: 32 kbps - 384 kbps (Disc)  
48 kbps - 238 kbps (USB)

This device may not play back correctly depending on sampling rates.

### ID3 tags/WMA tags

This device supports ID3 tag v1.0, v1.1, v2.2, v2.3, v2.4, and WMA tag Ver.1.x. If tag data is in an MP3/WMA/AAC file, this device can display the title (track title), artist name, and album name ID3 tag/WMA tag data (maximum 64 characters).

For non-supported characters, blank character, "No Title" is displayed.

The number of characters may be limited, or not correctly displayed, depending on the tag information.

### Playing back MP3/WMA/AAC

MP3/WMA/AAC files are prepared, then written to a CD-R, CD-RW (DVD-R/DVD-RW/DVD+R/DVD+RW) using CD-R writing software and USB memory.

- Maximum numbers of playable files / folders  
Disc: 2,000 files/200 folders (including Root Folder/DivX<sup>®</sup> file)  
USB memory: 1,000 files/folders (including Root Folder/DivX<sup>®</sup> file)

Playback may not be performed if a disc exceeds the limitations described above.

If a file/folder name is long, the maximum possible number of files may decrease.

- Both Audio and Video files are counted if their formats are playable on this unit.

### Media supported

The media that this device can play back are CD-ROMs, CD-Rs, CD-RWs, DVD-Rs, DVD-RWs, DVD+Rs, DVD+RWs and USB memory.

### Corresponding File Systems

This device supports discs formatted with ISO9660 Level 1 or Level 2, UDF1.02 and UDF1.02(ISO Bridge).

Under the ISO9660 standard, there are some restrictions to remember.

The maximum nested folder depth is 8 (including the root directory). The number of characters for a folder/file name is limited.

Valid characters for folder/file names are letters A-Z (all caps), numbers 0-9, and '\_' (underscore).

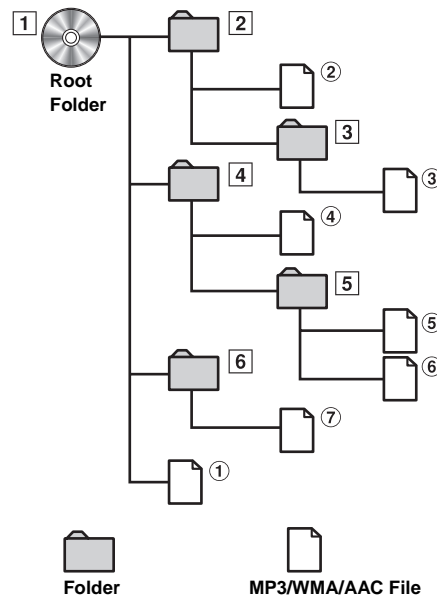
This device can play back discs in Joliet, Romeo, etc., and other standards that conform to ISO9660. However, sometimes the file names, folder names, etc., are not displayed correctly.

### Formats supported

This device supports CD-ROM Mode1, CD-ROM XA Mode2(Form1&2), Mixed Mode CD and Multi-Session. This device cannot correctly play back discs recorded with Track At Once or packet writing.

### Order of files

Files are played back in the order that the writing software writes them to the disc. Therefore, the playback order may not be what's expected. Verify the writing order in the software's documentation. The playback order of the folders and files is as follows. (The following numbers may differ from actually displayed numbers.)



### Terminology

#### Bit rate

*This is the "sound" compression rate specified for encoding. The higher the bit rate, the higher the sound quality, but also the larger the files.*

#### Sampling rate

*This value shows how many times per second the data is sampled (recorded). For example, music CDs use a sampling rate of 44.1 kHz, so the sound is sampled (recorded) 44,100 times per second. The higher the sampling rate, the higher the sound quality, but also the larger the volume of data.*

#### Encoding

*Converting music CDs, WAVE (AIFF) files, and other sound files into the specified audio compression format.*

#### Tag

*Song information such as track titles, artist names, album names, etc., written into MP3/WMA/AAC files.*

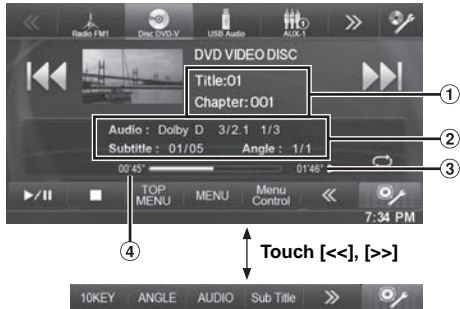
#### Root folder

*The root folder (or root directory) is found at the top of the file system. The root folder contains all folders and files. It is created automatically for all burned discs.*

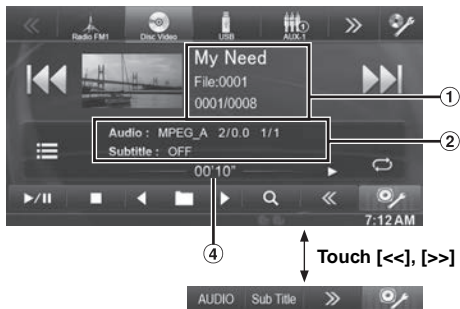


# DVD

## ■ Display example for DVD Video main screen



## ■ Display example for DivX® main screen



- ① Information display-1  
DVD-Video:  
Title name/Chapter No.  
DivX®:  
Title name/File No./Current File No./Total File No. in Current Folder
- ② Information display-2  
DVD-Video:  
Audio signal output/Subtitle/Angle  
DivX®:  
Audio signal output/Subtitle
- ③ Remaining time for playing
- ④ Elapsed time

Disc types that can be used for each heading are represented by the following marks.

- DVD-V** DVD Commercial Video discs (used for the distribution of movies, etc.) or a DVD-R/DVD-RW, DVD+R/DVD+RW recorded in a video mode can be used.
- DivX** CD-R/CD-RW/DVD-R/DVD-RW/DVD+R/DVD+RW discs that are recorded in the DivX® mode can be used.

## The DVD operation screen display

Touch the screen while the DVD playback screen is displayed.

The DVD operation screen is displayed.



- The operation screen changes to the visual screen in the DVD mode for 5 seconds after an operation has been performed.
- If you try to activate the DVD while driving, the display will show the warning-Picture off for your safety.
- Some operations cannot be carried out depending on the disc or playback screen.

## Playing a Disc DVD-V DivX

### ⚠ WARNING

It is dangerous 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 INE-W970BT correctly so that the driver cannot watch DVD/TV/Video unless the vehicle is stopped and the emergency brake is applied.

If the INE-W970BT 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.

### ⚠ Caution

- Not all functions will operate for every DVD. See the individual DVD's instructions for details on the features supported.
- Fingerprints on a disc may adversely affect playback. If a problem occurs, remove the disc and check for fingerprints on the playback side. Clean the disc if necessary.
- If you switch the power or Ignition key OFF or change sources during playback, playback will continue where you left off when you resume playback.
- If you try to perform an invalid operation (based on the type of disc being played), the following mark is displayed on the monitor screen: ⓧ

- **Play Position Memory Function**  
Even if you turn power off or switch the Ignition key to OFF during playback or change the source, playback will continue from the point where playback stopped when the power is turned ON again.

### 1 Press the **⏮** (AUDIO) button.

### 2 Touch **[Disc]** of Top banner.

The display shows the Disc mode screen.  
Or insert a disc with the label side facing up. The unit starts to play the disc.

- The reverse side of a double-sided DVD will not be played automatically.  
Remove the disc, turn it over, and reinsert it.
- DO NOT insert discs containing maps for the navigation system. Doing so could result in damage.
- Refer also to "Disc Setting" (page 41).
- While reading a DivX<sup>®</sup> file, the fast-forwarding/fast-reversing and repeat functions, etc. cannot be used.
- A DivX<sup>®</sup> file that exceeds 4GB cannot be played back.

## If a Menu Screen Appears

On DVD mode, menu screens may appear automatically. If this happens, perform the operation described below to start playback.

### Direct Menu Operations DVD-V

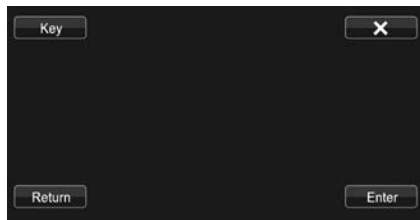
#### Touch the DVD menu directly.

- Some operations cannot be performed depending on the disc.

### Menu Operations DVD-V

#### 1 Touch **[Key]**.

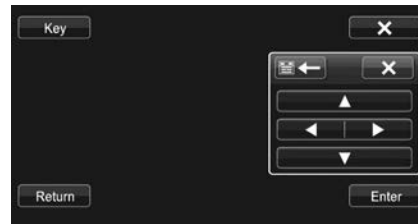
The menu operation mode will be displayed.



Touch **[⏮]** **[⏭]** to change the Key panel location from right to left or vice-versa.

Touch **[Return]** to return to the previous display.

#### 2 Select a desired menu item by touching **[▼]**, **[▲]**, **[◀]** or **[▶]**.



- Touching **[X]** in the operation panel returns to the screen in step 1.
- Touching **[Key]** displays the Numeric Keypad Input Mode screen.  
For details of the Numeric Keypad Input Mode screen, refer to "Numeric Keypad Input Operations" (page 26).

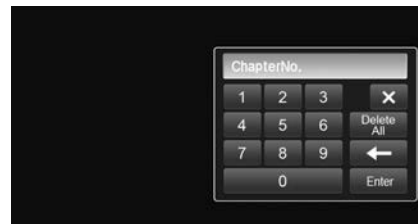
#### 3 Touch **[Enter]** to confirm the selected item.

## Numeric Keypad Input Operations DVD-V

#### 1 Touch **[10KEY]** of Bottom banner.

The numeric keypad input mode screen appears.  
If **[10KEY]** is not displayed, touch **[<<]** in the bottom banner to display **[10KEY]**.

#### 2 Touch a desired number.



Touch **[←]** to delete an entered number.

Touch **[Delete All]** to delete all entered number.

#### 3 Touch **[Enter]** on the numeric keypad mode screen to confirm your selection.

Touch **[X]** to hide the keypad display.

## Displaying the Top Menu Screen DVD-V

When a DVD contains two or more titles, the top menu screen appears.

#### Touch **[TOP MENU]** of Bottom banner.

The top menu screen appears.

- To perform necessary operations, refer to "If a Menu Screen Appears" (page 26).

## Displaying the Menu Screen DVD-V

With a DVD having two or more menus, a menu screen will appear for the programmes available, in addition to the main programmes.

#### Touch **[MENU]** of Bottom banner.

The Root menu screen appears.

- To perform necessary operations, refer to "If a Menu Screen Appears" (page 26).

## Stopping Playback (PRE STOP)

DVD-V DivX

Touch the stop button during playback to stop playback. That position is stored in the memory.

- 1 Touch [■] during playback.**  
"Pre ■" indicator and [▶] in the middle of the screen are displayed.
- 2 Touch [▶/II] in the PRE STOP mode or touch [▶] in the middle of the screen.**  
Playback starts from the position at which it was stopped.
  - For some discs, the position at which playback was stopped may not be accurate.

## Stopping Playback

DVD-V DivX

Touch and hold [■] for at least 2 seconds during playback.

"■" indicator and [▶] in the middle of the screen are displayed.

- Playback starts from the beginning when [▶/II] or [▶] in the middle of the screen is touched while playback is stopped.

## Fast-forwarding/Fast-reversing

DVD-V DivX

- 1 During playback, touch and hold [◀◀] (Fast-reverse) or touch and hold [▶▶] (Fast-forward).**  
**DVD-Video:**

Touch and hold for more than 1 second to forward/reverse at double speed.

Every time you touch [◀◀]/[▶▶] during fast-reverse/fast-forward, the speed changes as follows: 2x → 4x → 8x → 2x.

**DivX®:**

Touch and hold for more than 1 second to forward/reverse at 8x speed.

Every time you touch [◀◀]/[▶▶] during fast-reverse/fast-forward, the speed changes as follows: 2x → 4x → 8x → 2x.

- For a DivX® file that does not contain index information, the fast forward and the reverse option is not available.

- 2 Touch [▶/II] to return to normal playback.**

- No sound is played back during fast-forwarding/fast-reversing.
- On DVD mode, the menu screen may reappear during fast-forwarding/fast-reversing.
- This operation may not be possible on certain discs.

## Finding the Beginnings of Chapters/Tracks/Files

DVD-V DivX

**During playback, touch [◀◀] or [▶▶].**

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

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

- Some DVDs do not have chapters.

### Supplementary explanations

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

## Playing Still Frames (Pausing)

DVD-V DivX

- 1 During playback, Touch [▶/II] of Bottom banner.**
- 2 Touch [▶/II] or [▶] in the middle of the screen to resume playback.**

- No sound is played during the still frame mode.
- The image or sound may stop temporarily when playback starts from the pause mode. This is not a malfunction.

## Slow Motion Playback

DVD-V

- 1 When [▶▶] is touched and held while in the pause mode, the 1/16th speed slow motion playback mode is set.**  
**Furthermore, when touched and held [▶▶] again, the slow motion speed switches to 1/2 the normal speed.**
- 2 Touch [▶/II] of Bottom banner to play back.**

- No sound is played during slow motion playback.
- 1/2, 1/16 are approximate speeds. The actual speed differs from disc to disc.
- You cannot execute reverse slow motion playback.

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## Selecting Folders DivX

Touch [**◀**] or [**▶**] of Bottom banner to select the folder.

- Touch [**◀**] to play from the first file of the previous folder.  
Touch [**▶**] to play from the first file of the next folder.

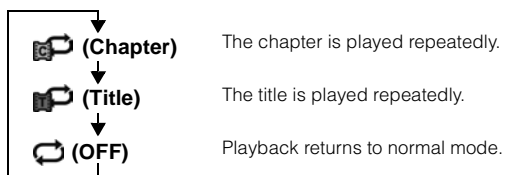
## Repeat Playback DVD-V DivX

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

Touch [**↻**] of Bottom banner.

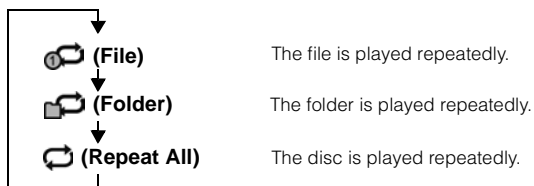
The repeat mode switches every time the button is touched.

### DVD Video



- The REPEAT mode is always turned off when [**↻**] is touched and held for at least 2 seconds.

### DivX®



## Searching by Title Number DVD-V

Use this function to easily find positions on the DVD using the DVD's titles. Perform operations while playback is stopped.

- 1 Touch [10Key] of Bottom banner.**  
The numeric keypad input mode screen appears.  
If [10KEY] is not displayed, touch [<<] in the bottom banner to display [10KEY].
  - For DVD Video, the numeric keypad can also be displayed by touching the Menu screen and then touching [Key] twice.
- 2 Enter a desired title by touching its number.**  
See page 26 for operation of the numeric keypad.
- 3 Touch [Enter].**  
Playback will start from the number selected.
- 4 Touch [X].**
  - This function cannot be used on discs on which no title numbers are recorded.
  - Some disc may not accept any operation.

## Searching Directly by Chapter Number

DVD-V

Use this function to easily move to the beginnings of the chapters on the disc. Perform operations during playback, during PRE-STOP or while playback is paused.

- 1 Touch [10Key] of Bottom banner.**  
The numeric keypad input mode screen will appear.  
If [10KEY] is not displayed, touch [<<] in the bottom banner to display [10KEY].
- 2 Touch and enter the chapter number you want to play.**  
See page 26 for operation of the numeric keypad.
- 3 Touch [Enter] to confirm your selection.**  
Playback will start from the selected chapter.
- 4 Touch [X].**
  - This function is not available for a disc on which chapters are not stored.

## Searching for a Desired Video File

DivX

You can select a video file from the list screen.

- 1 Touch [Q (Search)] of Bottom banner.**  
The search mode is activated.
- 2 Touch [Video].**  
The folder list screen appears.

### Folder Name Search mode

- 3 Touch [▶] in the desired folder.**  
The first file in the selected folder is played back.

### File Name Search mode

- 3 Touch the desired folder name.**  
The File name of the selected folder is displayed.
- 4 Touch the desired file name.**  
The selected file is played back.
  - To return to the previous hierarchy, touch [**↶**].
  - For details on how to scroll through the list, refer to "Selecting an Item in a List" (page 18).
  - After selecting a folder via a Folder name search, touch [**≡**] on the main screen to display the folder search screen.
  - After selecting a file via a File name search, touch [**≡**] on the main screen to display the file search screen.

## Switching the Angle DVD-V

On DVDs in which scenes have been filmed from multiple angles, the angle can be switched during playback.

### Touch [ANGLE] of Bottom banner.

The angle switches between the angles recorded on the disc every time the button is touched.

If [ANGL] is not displayed, touch [<<] or [>>] in the bottom banner to display [ANGL].

- *Some time may be required for the angle to change.*
- *Depending on the disc, the angle may switch in one of two ways.*
  - *Seamless: The angle switches smoothly.*
  - *Non-seamless: When the angle is switched, a still picture is displayed first, after which the angle switches.*

## Switching the Audio Tracks DVD-V DivX

DVDs with multiplex audio or audio languages allow switching the sound during playback.

### Touch [AUDIO] of Bottom banner.

The sound switches between the alternate audio tracks recorded on the disc every time the button is touched.

If [AUDIO] is not displayed, touch [<<] or [>>] in the bottom banner to display [AUDIO].

- *The alternate track selected becomes the default setting every time the power is turned on or the disc is replaced. If the disc does not include that track, the disc's default language is selected instead.*
- *Not all discs will allow changing the alternate audio tracks during playback. In these cases, select audio tracks from the DVDs menu.*
- *There may be a delay before the selected alternate track begins to play.*

## Switching the Subtitles (Subtitle Language) DVD-V DivX

With DVDs on which multiple subtitle languages are recorded, the subtitle language can be switched during playback; moreover, subtitles can be hidden.

### Touch [Sub Title] of Bottom banner.

Touching this button repeatedly selects sequentially the subtitle languages recorded on the disc, and then turns the subtitles OFF.

If [Sub Title] is not displayed, touch [<<] or [>>] in the bottom banner to display [Sub Title].

- *There may be a delay before the selected subtitle appears.*
- *Not all discs will allow changing the subtitles during playback. In these cases, select subtitles from the DVDs menu.*
- *The subtitle language selected becomes the default setting every time the power is turned on or the disc is replaced. If the disc does not include that language, the disc's default language is selected instead. However, the subtitle language may differ depending on the disc.*
- *For some discs, the subtitles will be displayed even when this is set to OFF. However, the subtitle language may differ depending on the disc.*

## About DivX®

DivX® is a codec (software) to compress moving images while maintaining image quality using a highly advanced compression ratio and operating speed.

- *Official DivX® Certified product*

ABOUT DIVX VIDEO: DivX® is a digital video format created by DivX, LLC, a subsidiary of Rovi Corporation. This is an official DivX Certified® device that plays DivX video. Visit [divx.com](http://divx.com) for more information and software tools to convert your files into DivX videos.

ABOUT DIVX VIDEO-ON-DEMAND: This DivX Certified® device must be registered in order to play purchased DivX Video-on-Demand (VOD) movies. To obtain your registration code, locate the DivX VOD section in your device setup menu. Go to [vod.divx.com](http://vod.divx.com) for more information on how to complete your registration.

### Media supported

The unit can play back CD-R/CD-RW/DVD-R/DVD-RW/DVD+R/DVD+RW discs and USB memory device that are recorded in the DivX® mode.

- *DivX® files stored in a USB memory device and protected by DRM (Digital Rights Management) cannot be played.*

### Corresponding extension

"avi," "divx"

### Video Codec

DivX® versions 3, 4, 5, and 6 (versions 5 handle both interlaced and progressive)

### Audio Codec

MPEG1 Layer2 (MP2)	32 to 384 kbps
MPEG1 Layer3 (MP3)	32 to 320 kbps
MPEG2 Layer2 (MP2)	8 to 160 kbps
MPEG2 Layer3 (MP3)	8 to 160 kbps
Dolby Digital	32 to 448 kbps

### The optimum size for DivX® playback is as follows:

Screen Size: 96 to 720 pixel (horizontal) × 96 to 576 pixel (vertical)

With an aspect ratio other than 16:9, black bars may be displayed on the left and right sides, or at the top and bottom of the screen.

Image bit rate: "average 4 Mbps, Peak 8 Mbps"  
Home Theater Profile supported

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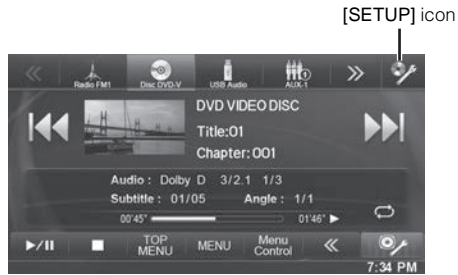
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# Setup

## Setup Operation

Touch the [SETUP] icon on the Audio/Visual Playback screen to display the Setup main screen.



## General Setup

### General Setup Operation

The parking brake must be engaged to access the General mode screen. Attempting to access this screen while driving will display the warning-Unable to operate while driving.

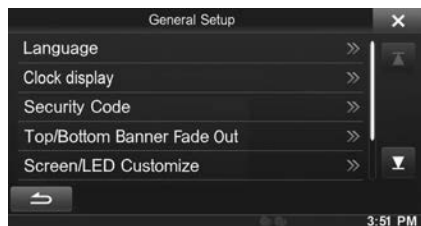
The following steps 1 to 5 are common operations to each "Setting item" of General Setup. Refer to each section for details.

- 1 Touch **[Setup]** icon of Top banner.  
The Setup main screen is displayed.
- 2 Touch **[General]**.



The General Setup screen appears.

- 3 Select the desired item.



**Setting items:** *Language / Clock Display / Security Code / Top/Bottom Banner Fade Out / Screen/LED Customize / Visual / About / Installation*

- Depending on the item, repeat step 3.

- 4 Touch **[◀]** or **[▶]** etc., to change its setting.
  - When the pop-up window for setup is displayed, touch **[X]** to close the window after setting.

- 5 Touch **[↶]** to return to the previous screen.

- Immediately after changing the settings of General Setup (While the system is writing data automatically) do not turn the ignition key to OFF. Otherwise, the settings may not be changed.

## Language Setting

[Language] is selected on the General setup menu in step 3. Refer to "General Setup Operation" (page 30).

### Setting the Scroll

Scroll display is available if CD text, folder name, file name or tag information is entered.

**Setting item:** *Auto Scroll*

**Setting contents:** *Off / On (Initial setting)*

- Off: Turns off the scroll mode.
- On: Turns on the Auto scroll mode. Scroll display is repeated as long as the mode is turned on.

### Format Settings

The character code to be used for tag text information displayed on the screen can be selected from 6 character codes.

**Setting item:** *Format Sel.*

**Setting contents:** *EU1 / EU2 (Initial setting) / RUS / CHI / THA / ARA*

- EU1: ISO 8859-1
- EU2: ISO 8859-15
- RUS: ISO 8859-5
- CHI: GB18030
- THA: CP874
- ARA: CP1256

### Setting the Menu Language

The Setup menu, feedback information, etc. for this unit can be changed to appear in the selected language.

**Setting item:** *Language Sel.*

**Setting contents:** *English / Spanish / French / Italian / German / Portuguese / Swedish / Finnish / Russian / Dutch / Norwegian / Thai / Arabic / Chinese / Czech / Danish / Greek / Hungarian / Polish / Slovak / Turkish / Hebrew / Bahasa Indonesia / Bahasa Malay*

- Touch **[OK]** to confirm the language and display the screen in the specified language.

## Clock Display Setting

[**Clock Display**] is selected on the General setup menu in step 3. Refer to “General Setup Operation” (page 30).

The clock indication on the monitor display is turned on or off respectively.

**Setting item: Clock Display**

**Setting contents: Off / On (Initial setting)**

## Security Code Setting

[**Security Code**] is selected on the General setup menu in step 3. Refer to “General Setup Operation” (page 30).

### Setting Security code

You can set the system to be unusable without entering a password. When you turn this setting to “On” and set a password, password input is required when the system is connected to a battery and turned on for the first time.

**Setting item: Security Code**

**Setting contents: Off (Initial setting) / On**

### Setting the password

- 1 Touch [◀] or [▶] of “Security Code” to set to “On.”
- 2 After the confirmation message appears, touch **[OK]**.  
The password setting screen is displayed.
- 3 Enter a password, then touch **[OK]**.
  - Enter the 6-digit number.
  - Input numbers are displayed as “\*.”
- 4 Enter the same password again, then touch **[OK]**.  
The password is set and the system returns to the previous screen.
  - If you forget a registered password, you can not use this unit. In this case, service will be required.

### Clearing the password

- 1 Touch [◀] or [▶] of “Security Code” to set to “Off.”  
The password setting screen is displayed.
- 2 Enter the password you have set, then touch **[OK]**.  
The password is cleared and the system returns to the previous screen.
  - Input numbers are displayed as “\*.”

## Setting Top banner and Bottom banner Display

[**Top/Bottom Banner Fade Out**] is selected on the General setup menu in step 3. Refer to “General Setup Operation” (page 30).

You can configure the display setting for the Top banner and Bottom banner for the audio/visual source.

**Setting item: Top/Bottom Banner Fade Out**

**Setting contents: Off (Initial setting) / On**

Off: Always displayed

On: Fade out after 5 seconds if no operations performed

## Screen/LED Customize

[**Screen/LED Customize**] is selected on the General setup menu in step 3. Refer to “General Setup Operation” (page 30).

### Adjusting the Minimum Level of Backlight

You can adjust the brightness of the backlight. This function could be used, for instance, to change the screen brightness while travelling at night.

**Setting item: Screen Dimmer Level**

**Setting content: -15 to +15 (Initial setting: 0)**

You can adjust the level between MIN (-15) and MAX (+15). When it reaches the minimum or maximum point, the display shows “MIN” or “MAX” respectively.

### Adjusting the Dimmer of Button Lighting at Night

You can adjust the brightness of the button lighting at night with the dimmer.

**Setting item: Key Illumination Level**

**Setting level: -2 to +2 (Initial setting: 0)**

### Switching the Display Colour

You can choose from 5 different display colours.

**Setting item: Screen Color**

**Setting contents: Blue (Initial setting) / Red / Green / Amber / Black**

EN

DE

FR

ES

IT

SE

NL

RU



PL

GR

## Adjusting the Touch Panel

Adjustment becomes necessary when the display position on the LCD and the touch position on the touch panel do not match.

### Setting item: Screen Alignment

- 1 Touch **[Screen Alignment]** in the **Screen/LED Customize screen**.  
The adjustment screen appears.
  - 2 Accurately touch the  mark provided in the upper left corner of the screen.
  - 3 Accurately touch the  mark provided in the lower right corner of the screen.  
This completes adjustment, and returns to the previous screen.
- If you touch **[Cancel]** on the adjustment screen, no adjustment is done and returns to the previous screen.

## Initialising the Touch Panel Corrected Values

Initialise the corrected values adjusted by Adjusting the Touch Panel.

- 1 Touch **[Screen Alignment Reset]** in the **Screen/LED Customize screen**.
- 2 After the confirmation message appears, touch **[OK]**.  
The corrected values are initialised.

## Visual Setting

**[Visual]** is selected on the General setup menu in step 3. Refer to "General Setup Operation" (page 30).

- 1 Touch the desired item.



- "Other" can be selected while a video is playing.
- If "Camera Select" is set to "Off," this option is not available.

- 2 Touch **[>>]** of the desired item.

Setting item: **Other (Video Media) / Camera**  
Setting contents: **Bright / Color / Contrast**

- 3 Touch **[◀]** or **[▶]** to change its setting.
- 4 Touch **[↶]** to return to the previous screen.

- Immediately after changing the settings of Display Setup (While the system is writing data automatically) do not turn the ignition key to OFF. Otherwise, the settings may not be changed.

## Adjusting Brightness

Setting item: **Bright**  
Setting content: **-15 to +15 (Initial setting: 0)**

You can adjust the brightness between MIN (-15) and MAX (+15). When it reaches the minimum or maximum point, the display shows "MIN" or "MAX" respectively.

## Adjusting Colour of Picture

Setting item: **Color**  
Setting content: **-15 to +15 (Initial setting: 0)**

You can adjust the colour between MIN (-15) and MAX (+15). When it reaches the minimum or maximum point, the display shows "MIN" or "MAX" respectively.

## Adjusting Image Contrast

Setting item: **Contrast**  
Setting content: **-15 to +15 (Initial setting: 0)**

You can adjust the contrast between LOW (-15) and HIGH (+15). When it reaches the minimum or maximum point, the display shows "LOW" or "HIGH" respectively.



## About INE-W970BT

[**About**] is selected on the General setup menu in step 3. Refer to “General Setup Operation” (page 30).

### Displaying the Product Information

You can view the version information of this product. Make note of this information and refer to it whenever you contact Alpine Tech Support or an Alpine-authorized dealer.

**Setting item:** *Version Info*

**Contents:** *Serial No. / Firmware Version*

### Checking the DivX® Registration

This unit will display the registration code required to play a DivX® VOD (Video On Demand), or you can also display the deregistration code.

**Setting item:** *Warranty / Copyright Info.*

#### Displaying the Registration Code

- 1 Touch [**Warranty/Copyright Info.**].
- 2 Touch [**DivX(R) VOD**].
- 3 Touch [**Registration**].  
The registration code is displayed on the screen.
- 4 Touch [**OK**].

#### Displaying the Deregistration Code

- 1 Touch [**Warranty/Copyright Info.**].
- 2 Touch [**DivX(R) VOD**].
- 3 Touch [**Deregistration**].  
The confirmation dialog screen appears.
- 4 Touch [**OK**].  
The deregistration code is displayed on the screen.

- *When you have finished, touch [Cancel]. If you want to continue and display a new registration code, touch [OK], check the registration code, and then touch [OK] again.*

### Initialising the System

You can initialise all data, to restore the factory settings. Remove the CD/DVD disc, etc. from the system before operation

**Setting item:** *Restore Factory Setting*

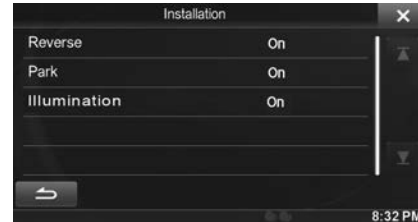
- 1 Touch [**Restore Factory Setting**].
  - 2 After the confirmation message appears, touch [**OK**].  
The confirmation screen appears again.
  - 3 Touch [**OK**].  
The system starts initialisation.
- *Do not turn on/off the power or change the ignition key position until system restart is completed.*

## Installation Setup

[**Installation**] is selected on the General setup menu in step 3. See “General Setup Operation” (page 30).

**Setting item:** *Installation*

The Installation check screen is displayed.



EN

DE

FR

ES

IT

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NL

RU

PL

GR

## Sound Setup

### Sound Setup Operation

The parking brake must be engaged to access the Setup screen. Attempting to access this screen while driving will display the warning-Unable to operate while driving.

The following steps 1 to 5 are common operations to each "Setting item" of Sound Setup. Refer to each section for details.

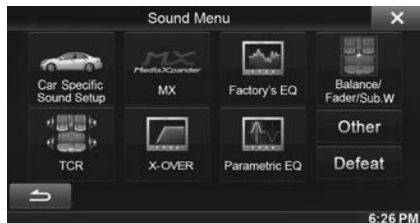
- 1 Touch **[Setup]** icon of **Top banner**.  
The Setup main screen is displayed.

- 2 Touch **[Sound Menu]**.



The Sound Menu screen appears.

- 3 Select the desired item.



**Setting items:** *Car Specific Sound Setup / Media Xpander / Factory's EQ / Balance/Fader/Sub.W / TCR (Time Correction) / X-OVER / Parametric EQ / Other / Defeat*

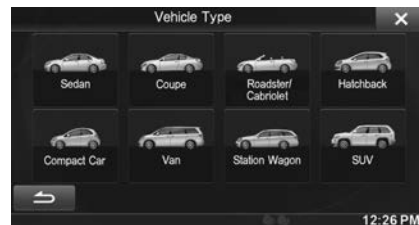
- 4 Touch **[◀]** or **[▶]** etc., to change its setting.
  - When the pop-up window for setup is displayed, touch **[X]** to close the window after setting.
- 5 Touch **[↶]** to return to the previous screen.
  - Immediately after changing the Sound Setup (while the system is writing data automatically) do not turn the ignition key to OFF. Otherwise, the settings may not be changed.

## Car Specific Sound Setup

[Car Specific Sound Setup] is selected in the Sound setup menu in step 3. Refer to "Sound Setup Operation" (page 34).

You can set and reproduce the best audio environment for the environment in your car.

- 1 Touch the relevant **Vehicle type**.



- 2 Touch the position of the driver's seat.
- 3 Touch the size of the front speaker.
- 4 Select whether or not there is a tweeter.
- 5 Select the installation position of the rear speaker.  
If you select "No rear speaker," you cannot adjust the rear speaker in Fader/Time Correction/X-OVER in sound setup.
- 6 Select whether or not there is a subwoofer.  
If you select "No," you cannot adjust the subwoofer level/subwoofer phase in sound setup.
- 7 Select the material of the car seats.  
The settings confirmation screen is displayed.
  - If the car seats are made of both leather and fabric, select [Half leather].
- 8 Check the settings and touch **[OK]**.



- If Preset3 was already saved for Time Correction/X-OVER/ Parametric EQ, the data will be overwritten.
- The Car Specific Sound settings are reflected in the following Audio Setup items.
  - Setting the MX (Media Xpander)
  - Adjusting the Parametric Equalizer Curve (Parametric EQ)
  - Adjusting the Time Correction (TCR)
  - Adjusting the Crossover Settings (X-OVER) (only when Subwoofer is set to [On])
- The Equalizer Presets (Factory's EQ) settings are disabled.

## Setting the MX (Media Xpander)

[Media Xpander] is selected on the Sound setup menu in step 3. Refer to "Sound Setup Operation" (page 34).

When the currently playing source is AM radio band (MW/LW), this option is not available.

MX (Media Xpander) makes vocals or instruments sound distinct regardless of the music source. The FM radio, CD, USB memory and iPod/iPhone, will be able to reproduce the music clearly even in cars with a lot of road noise.

**Setting item: Media Xpander**

- 1 Touch [ON] of "ALL MX OFF/ON" in the MX setup screen.



- 2 Touch any of [Off] [1] [2] [3].

Media	Level			
	OFF	1	2	3
FM	Off	[EQ Icon]	[EQ Icon]	[EQ Icon]
DVD	Off	Movie [EQ Icon]	Movie [EQ Icon]	DVD Music [EQ Icon]
CD	Off	[EQ Icon]	[EQ Icon]	[EQ Icon]
Compress Media	Off	[EQ Icon]	[EQ Icon]	[EQ Icon]
AUX/AUX3	Off	Compress Media [EQ Icon]	Movie [EQ Icon]	Music [EQ Icon]

- The MX setting can be performed only when a source is currently selected.
- MP3/WMA/AAC/iPod/USB Audio/DivX®/BLUETOOTH Audio correspond to MX Compress Media.

### MX FM

The medium to high frequencies become more clear, and produces well balanced sound in all the bands.

### MX DVD

#### (Movie)

The dialog portion of the video is reproduced more clearly

#### (DVD Music)

This disc contains a large quantity of data such as music clip. MX uses this data to reproduce the sound accurately.

### MX CD

CD mode processes a large quantity of data. This data is used to reproduce the sound clearly by making use of the data quantity.

### MX Compress Media

This corrects information that was omitted at the time of compression. This reproduces a well-balanced sound close to the original.

### MX AUX/AUX3

Choose the MX mode (Compress Media, Movie, or Music) that corresponds to the media connected.

- To cancel MX mode for all music source, set MX to "Off" in step 1.
- Each music source, such as FM radio, CD, and MP3/WMA/AAC can have its own MX setting.
- Setting to MX sets MX mode of each music source to "Off."
- There is no MX mode for MW, LW radio.
- The function is inoperable when Defeat is set to "On."

## Equalizer Presets (Factory's EQ)

[Factory's EQ] is selected on the Sound setup menu in step 3. Refer to "Sound Setup Operation" (page 34).

10 typical equalizer settings are preset at the factory for a variety of musical source material.

**Setting item: Factory's EQ**

**Setting contents: FLAT (Initial setting) / POPS / ROCK / NEWS / JAZZ / ELECTRICAL DANCE / HIP HOP / EASY LISTENING / COUNTRY / CLASSICAL**

- Only one type can be set to ON.
- When Factory's EQ is set, the interlinked Parametric EQ settings are also changed. We recommend storing Parametric EQ settings in the Preset in advance.
- The Factory's EQ setting can be configured when Defeat is "Off."

## Setting the Balance/Fader/Subwoofer

[Balance/Fader/Sub.W] is selected on the Sound setup menu in step 3. Refer to "Sound Setup Operation" (page 34).



Image area

### Adjusting the Balance/Fader

Touch the desired point within the image area. Or touch [▲][▼][◀][▶].

**Balance: L15 to R15**

**Fader: F15 to R15**

### Adjusting the Subwoofer Level

You can set the Subwoofer level when a Subwoofer is connected.

**Setting item: SubW. LEVEL**

**Setting contents: 0 to 15 (Initial setting: 0)**

- If the Subwoofer setting is "Off," the setting cannot be set.

## Lowering Subwoofer Level Temporarily

Touch [**Sub W. LEVEL 0**] to lower the Subwoofer level to Level 0.

- To return to the previous Subwoofer level, touch [**Sub W. LEVEL 0**] again.

## Setting the Subwoofer Phase

The subwoofer output phase is toggled Subwoofer Normal (0°) or Subwoofer Reverse (180°).

**Setting item:** SubW. Phase

**Setting contents:** 0° / 180° (Initial setting: 0°)

- If the Subwoofer setting is "Off," the setting cannot be set.

## Adjusting the Time Correction (TCR)

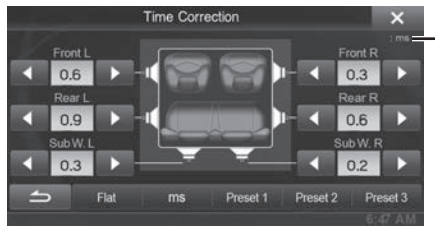
[TCR] is selected on the Sound setup menu in step 3. Refer to "Sound Setup Operation" (page 34).

Before performing the following procedures, refer to "About Time Correction" (page 38).

**Setting item:** Time Correction

- Touch [**ms**] or [**cm**] to select mode for making adjustments.

Each time you touch, the onscreen button and correction mode changes.



ms: Adjust time.

cm: Adjust listening position and distance from each speaker.

- Touch [**◀**] or [**▶**] for each speaker to adjust the time or distance.

0.0msec to 9.9msec (0.1msec/step)

0.0cm to 336.6cm (3.4cm/step)

All speaker setting values are adjustable in the range of 15ms or 510cm.

- To store the adjusted setting value, touch and hold [**Preset1**], [**Preset2**], or [**Preset3**] for at least 2 seconds.

- Touch [**Flat**] to set all values to 0.0.
- If the Rear Speaker setting is "Off," the Rear Speaker setting cannot be edited (Refer to page 38).
- If the Subwoofer setting is "Off," the Subwoofer setting cannot be edited (Refer to page 38).

### Calling the Time Correction Value

Calling the pre-set time correction value.

Touch [**Preset1**], [**Preset2**], or [**Preset3**] on the time correction screen.

The setting stored in the Preset will be recalled.

## Adjusting the Crossover Settings (X-OVER)

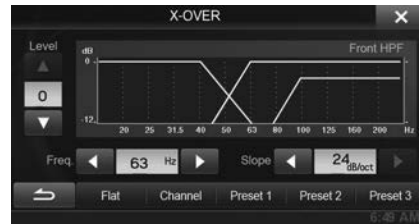
[X-OVER] is selected on the Sound setup menu in step 3. Refer to "Sound Setup Operation" (page 34).

Before performing the following procedures, refer to "About the Crossover" (page 40).

**Setting item:** X-OVER

- Touch [**Channel**] to select the channel.

Each time you touch, the channel switches.



- The channel being adjusted is displayed in red.

→ Front HPF → Rear HPF → Sub W. LPF

- Adjust the crossover to your preference.

### Selecting the Cut-Off Frequency

Touch [**◀**] or [**▶**] of "Freq.," then select the cut-off frequency.

**Setting contents:** 20 / 25 / 31.5 / 40 / 50 / 63 / 80 (Initial setting) / 100 / 125 / 160 / 200 Hz

### Adjusting the Slope

Touch [**◀**] or [**▶**] of "Slope," then adjust the HPF or LPF slope.

**Setting contents:** 0 (Initial setting) / 6 / 12 / 18 / 24 dB/oct

### Adjusting the Level

Touch [**▼**] or [**▲**] of "Level," then adjust the HPF or LPF level.

**Setting contents:** -12 to 0 dB (Initial setting: 0)

- Repeat steps 1 to 2 to make adjustment to the other channels.

- To store the adjusted setting value, touch and hold [**Preset1**], [**Preset2**], or [**Preset3**] for at least 2 seconds.

- Touch [**Flat**] to initialise all values.
- If the Rear Speaker setting is "Off," the Rear Speaker setting cannot be edited (Refer to page 38).
- If the Subwoofer setting is "Off," the Subwoofer setting cannot be edited (Refer to page 38).
- While adjusting the X-OVER you should consider the frequency response of the connected speakers.

### Calling the X-OVER adjusted value

Calling the pre-set X-OVER adjusted value.

Touch **[Preset1]**, **[Preset2]**, or **[Preset3]** on the X-OVER screen.

The setting stored in the Preset will be recalled.

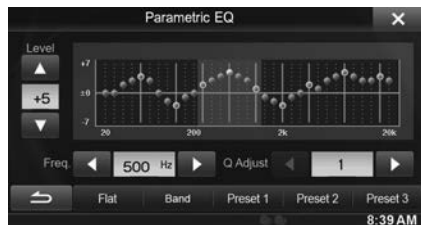
## Adjusting the Parametric Equalizer Curve (Parametric EQ)

**[Parametric EQ]** is selected on the Sound setup menu in step 3. Refer to "Sound Setup Operation" (page 34).

You can modify the Equalizer settings to create a response curve more appealing to your personal taste.

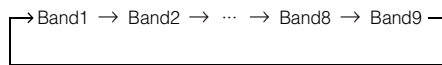
**Setting item: Parametric EQ**

### 1 Adjust the Parametric EQ to your preference.



### Adjusting the Band

Touch **[Band]** to select the band to be adjusted.



- You can select a band directly by touching the screen.

### Adjusting the Frequency

Touch **[◀]** or **[▶]** of "Freq." to adjust the frequency of the selected band.

**Adjustable frequency bands: 20 Hz to 20 kHz (in 1/3 octave steps)**

- Band1: 20 Hz~100 Hz (63 Hz)
- Band2: 63 Hz~315 Hz (125 Hz)
- Band3: 125 Hz~500Hz (250 Hz)
- Band4: 250 Hz~1 kHz (500Hz)
- Band5: 500 Hz~2 kHz (1 kHz)
- Band6: 1 kHz~4 kHz (2 kHz)
- Band7: 2 kHz~7.2 kHz (4 kHz)
- Band8: 5.8 kHz~12 kHz (8 kHz)
- Band9: 9 kHz~20 kHz (16 kHz)

### Adjusting the Level

Touch **[▼]** or **[▲]** of "Level" to adjust the level of selected band.

**Setting contents: -7 to +7 (Initial setting: 0)**

### Setting the Bandwidth

Touch **[◀]** or **[▶]** of "Q Adjust" to select the bandwidth.

**Setting contents: 1 (Initial setting) / 2 / 3**

**2 To adjust another band, repeat step 1, and adjust all bands.**

**3 To store the adjusted setting value, touch and hold [Preset1], [Preset2], or [Preset3] for at least 2 seconds.**

- Settings exceeding the frequency of adjacent bands are not available.
- While adjusting the Parametric EQ, you should consider the frequency response of the connected speakers.
- When the parametric EQ is adjusted, the adjustment for Factory's EQ becomes ineffective.
- When Factory's EQ is set, the interlinked Parametric EQ settings are also changed. We recommend storing Parametric EQ settings in the Preset in advance.
- Touch **[Flat]** to initialise all values.
- The Parametric EQ setting can be configured when Defeat is "Off."

### Calling the Parametric EQ adjusted value

Calling the pre-set Parametric EQ adjusted value.

Touch **[Preset1]**, **[Preset2]**, or **[Preset3]** on the Parametric EQ screen.

The setting stored in the Preset will be recalled.

## Other Setting

[Other] is selected on the Sound setup menu in step 3. Refer to "Sound Setup Operation" (page 34).

### Volume Setting

You can change the volume of the sound heard when a button is touched.

**Setting item:** Volume → Key Sound Feedback  
**Setting contents:** 0 to 7 (Initial setting: 5)

### Setting the Volume for Each Source

**Setting item:** Source Volume Setup → Radio / DVD / CD / Compress Media / iPod Music / iPod Video / AUX / AUX3 / BLUETOOTH Audio  
**Setting contents:** -14 to +14 (Initial setting: 0)

- Settable source differ depending on the connected device and settings.

### Rear Speaker Setting

You can set the rear speaker output to "Off."

**Setting item:** Rear Speaker  
**Setting contents:** On (Initial setting) / Off

- Note that if you select "Off" when the Rear Speaker Position in Car Specific Sound Setup is set to "Rear Deck" or "Rear Door/Panel," the setting in Car Specific Sound Setup will be cancelled.

### Turning Subwoofer ON/OFF

If an optional subwoofer is connected to the unit, make the following setting.

**Setting item:** Subwoofer  
**Setting contents:** On / Off (Initial setting)

- Note that if you select "Off" when Subwoofer Installed in Car Specific Sound Setup is set to "Yes," the setting in Car Specific Sound Setup will be cancelled.

## Setting Defeat

[Defeat] is selected on the Sound setup menu in step 3. Refer to "Sound Setup Operation" (page 34).

If Defeat is "On," MX, Factory's EQ and Parametric EQ functions are turned OFF. This disables any settings made for these functions.

**Setting item:** Defeat  
**Setting content:** Off (Initial setting) / On

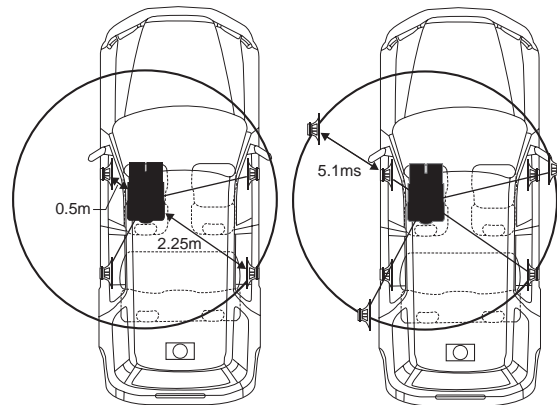
## About Time Correction

The distance between the listener and the speakers in a car vary widely due to the complex speaker placement. This difference in the distances from the speakers to the listener creates a shift in the sounds image and frequency characteristics. This is caused by the time delay between the sound reaching the listener's right versus the left ear.

To correct this, this unit is able to delay the audio signal to the speakers closest to the listener. This effectively creates a perception of increased distance for those speakers. The listener can be placed at an equal distance between the left and right speakers for optimum staging. The adjustment will be made for each speaker in 3.4cm steps.

### Example 1. Listening Position: Front Left Seat

Adjust the time correction level of the front left speaker to a high value and the rear right to zero or a low value.



The sound is not balanced because the distance between the listening position and the various speakers is different. The difference in distance between the front left speaker and the rear right speaker is 1.75 m (68-7/8"). Here we calculate the time correction value for the front left speaker in the diagram on the above.

Conditions:  
 Farthest Speaker – listening position : 2.25 m (88-9/16")  
 Front left speaker – listening position : 0.5 m (19-11/16")  
 Calculation:  $L = 2.25 \text{ m} - 0.5 \text{ m} = 1.75 \text{ m (68-7/8")}$   
 Time correction =  $1.75 \div 343^{*1} \times 1000 = 5.1 \text{ (ms)}$

\*<sup>1</sup> Speed of sound: 343 m/s (765 mph) at 20°C

In other words, giving the front left speaker a time correction value of 5.1 ms makes it seem as if its distance from the listener is the same as the distance to the farthest speaker.

Time correction eliminates the differences in the time required for the sound to reach the listening position.

The time of the front left speaker is corrected by 5.1 ms so that its sound reaches the listening position at the same time as the sound of other speakers.

**Example 2. Listening Position: All Seats**

Adjust the time correction level of each speaker to almost the same level.

- 1 Sit in the listening position (driver's seat, etc.) and measure the distance (in meters) between your head and the various speakers.**
- 2 Calculate the difference between the distance correction value to the farthest speaker and the other speakers.**

$$L = (\text{distance to farthest speaker}) - (\text{distance to other speakers})$$

These values are the time correction values for the different speakers. Setting these values to make each sound reach the listening position at the same time as the sound of other speakers.

Time Correction Value List

Time Difference (msec)	Distance (cm)	Distance (inch)	Time Difference (msec)	Distance (cm)	Distance (inch)
0.0	0.0	0.0	5.1	173.4	68.3
0.1	3.4	1.3	5.2	176.8	69.7
0.2	6.8	2.7	5.3	180.2	71.0
0.3	10.2	4.0	5.4	183.6	72.4
0.4	13.6	5.4	5.5	187.0	73.7
0.5	17.0	6.7	5.6	190.4	75.0
0.6	20.4	8.0	5.7	193.8	76.4
0.7	23.8	9.4	5.8	197.2	77.7
0.8	27.2	10.7	5.9	200.6	79.1
0.9	30.6	12.1	6.0	204.0	80.4
1.0	34.0	13.4	6.1	207.4	81.7
1.1	37.4	14.7	6.2	210.8	83.1
1.2	40.8	16.1	6.3	214.2	84.4
1.3	44.2	17.4	6.4	217.6	85.8
1.4	47.6	18.8	6.5	221.0	87.1
1.5	51.0	20.1	6.6	224.4	88.4
1.6	54.4	21.4	6.7	227.8	89.8
1.7	57.8	22.8	6.8	231.2	91.1
1.8	61.2	24.1	6.9	234.6	92.5
1.9	64.6	25.5	7.0	238.0	93.8
2.0	68.0	26.8	7.1	241.4	95.1
2.1	71.4	28.1	7.2	244.8	96.5
2.2	74.8	29.5	7.3	248.2	97.8
2.3	78.2	30.8	7.4	251.6	99.2
2.4	81.6	32.2	7.5	255.0	100.5
2.5	85.0	33.5	7.6	258.4	101.8
2.6	88.4	34.8	7.7	261.8	103.2
2.7	91.8	36.2	7.8	265.2	104.5
2.8	95.2	37.5	7.9	268.6	105.9
2.9	98.6	38.9	8.0	272.0	107.2
3.0	102.0	40.2	8.1	275.4	108.5
3.1	105.4	41.5	8.2	278.8	109.9
3.2	108.8	42.9	8.3	282.2	111.2
3.3	112.2	44.2	8.4	285.6	112.6
3.4	115.6	45.6	8.5	289.0	113.9
3.5	119.0	46.9	8.6	292.4	115.2
3.6	122.4	48.2	8.7	295.8	116.6
3.7	125.8	49.6	8.8	299.2	117.9
3.8	129.2	50.9	8.9	302.6	119.3
3.9	132.6	52.3	9.0	306.0	120.6
4.0	136.0	53.6	9.1	309.4	121.9
4.1	139.4	54.9	9.2	312.8	123.3
4.2	142.8	56.3	9.3	316.2	124.6
4.3	146.2	57.6	9.4	319.6	126.0
4.4	149.6	59.0	9.5	323.0	127.3
4.5	153.0	60.3	9.6	326.4	128.6
4.6	156.4	61.6	9.7	329.8	130.0
4.7	159.8	63.0	9.8	333.2	131.3
4.8	163.2	64.3	9.9	336.6	132.7
4.9	166.6	65.7			
5.0	170.0	67.0			

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## About the Crossover

### Crossover (X-OVER):

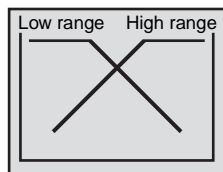
This unit is equipped with an active crossover. The crossover limits the frequencies delivered to the outputs. Each channel is controlled independently. Thus, each speaker pair can be driven by the frequencies for which they have been optimally designed.

The crossover adjusts the HPF (high pass filter) or LPF (low pass filter) of each band, and also the slope (how fast the filter rolls off the highs or lows).

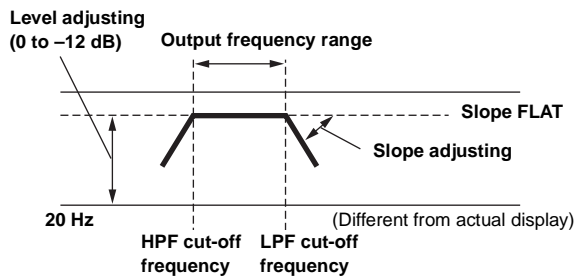
Adjustments should be made according to the reproduction characteristics of the speakers. Depending on the speakers, a passive network may not be necessary. If you are unsure about this point, please consult your authorised Alpine dealer.

- Adjustment should be made according to the recommended crossover frequency of the connected speakers. Determine the recommended crossover frequency of the speakers. Adjusting to a frequency range outside that recommended may cause damage to the speakers. For the recommended crossover frequencies of Alpine speakers, refer to the respective Owner's Manual. We are not responsible for damage or malfunction of speakers caused by using the crossover outside the recommended value.

	Cut-off frequency (1/3 octave steps)		Slope		Level
	HPF	LPF	HPF	LPF	
<b>Low range speaker</b>	----	20 Hz - 200 Hz	----	FLAT, -6, -12, -18, -24 dB/oct.	0 to -12 dB
<b>Rear high range speaker</b>	20 Hz - 200 Hz	----	FLAT, -6, -12, -18, -24 dB/oct.	----	0 to -12 dB
<b>Front high range speaker</b>	20 Hz - 200 Hz	----	FLAT, -6, -12, -18, -24 dB/oct.	----	0 to -12 dB



(Different from actual display)



- HPF (high pass filter): Cuts the lower frequencies and allows the higher frequencies to pass.
- LPF (low pass filter): Cuts the higher frequencies and allows the lower frequencies to pass.
- Slope: The level change (in dB) for a frequency change of one octave.
- The higher the slope value, the steeper the slope becomes.
- Adjust the slope to FLAT to bypass the HP or LP filters.
- Do not use a tweeter without the HPF on or set to a low frequency, as it may cause damage to the speaker due to the low frequency content.
- You cannot adjust the crossover frequency higher than the HPF or lower than the LPF.



## Source Setup

### Source Setup Operation

The parking brake must be engaged to access the Source mode screen. Attempting to access this screen while driving will display the warning-Unable to operate while driving.

The following steps 1 to 5 are common operations to each "Setting item" of Source Setup. Refer to each section for details.

- 1 **Touch [Setup] icon of Top banner.**  
The Setup main screen is displayed.
- 2 **Touch [Source].**  
The Source Setup screen appears.
- 3 **Select the desired item.**



**Setting items:** Disc / Radio / AUX

- 4 **Touch [Left] or [Right] etc., to change its setting.**
  - When the pop-up window for setup is displayed, touch [X] to close the window after setting.
- 5 **Touch [Back] to return to the previous screen.**
  - Immediately after changing the Source Setup (while the system is writing data automatically) do not turn the ignition key to OFF. Otherwise, the settings may not be changed.

## Disc Setting

[Disc] is selected on the Source setup menu in step 3. Refer to "Source Setup Operation" (page 41).

- You can perform DVD setup in DVD video mode.
- Touch [Stop] before performing Disc setup.

### Changing the Language Setting

The audio language, subtitle DVD language and menu language can be set according to your preferences.

Once set, this becomes the default language. This function is convenient if you always want to listen in English, for example. (The language setting is not effective on some discs. In this case, the default language is set at the factory.)

- When the settings are changed, old settings are overwritten. Make a note of the current settings before making changes.
- To temporarily change the language of the current disc, either do so from the DVD menu or by using the operation described in the section "Switching the Audio Tracks" (page 29).
- If the disc does not include the selected language, the disc's default language is set.

### To play in a language other than those displayed

- 1 Touch [DVD Menu Language Code], [Audio Language Code] or [SUBT. Language Code].  
The numeric keypad screen is displayed.
  - 2 Touch the 4-digit numeral of the language number.  
To reference language numbers, refer to "List of Language Codes" (page 71).
  - 3 Touch [OK] to memorise the number.
- The setting content changes to "Other" if the desired language code is input.

### Setting of the DVD Menu Language

Set the language used for the menus (title menu, etc.).

**Setting item:** DVD Menu Language

**Setting contents:** AUTO (Initial setting) / DE / EN / ES / FR / IT / JA / RU / SV / ZH

- When "AUTO" is selected, the primary menu language among the recorded ones is played.
- As for the language abbreviation, refer to "List of Language Codes" (page 71).

### Setting of the Audio Language

Set the audio language produced from the speakers.

**Setting item:** Audio Language

**Setting contents:** AUTO (Initial setting) / DE / EN / ES / FR / IT / JA / RU / SV / ZH

- When "AUTO" is selected, the primary audio language among the recorded ones is applied.
- As for the language abbreviation, refer to "List of Language Codes" (page 71).

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## Setting of the Subtitle Language

Set the language of the subtitles displayed on the screen.

**Setting item:** *SUBT. Language*

**Setting contents:** *AUTO (Initial setting) / DE / EN / ES / FR / IT / JA / RU / SV / ZH*

- When "AUTO" is selected, the primary subtitle language among the recorded ones is applied.
- As for the language abbreviation, refer to "List of Language Codes" (page 71).

## Changing the Country Code Setting

Set the country code of which you want to set the rating level (Parental lock).

**Setting item:** *Country Code*

**Setting contents:** *Auto / Other*

- Auto: The primary country code among those recorded is played.
- Other: The setting content changes to "Other" if the desired country code is input.

- If settings are changed, the old settings are overwritten. Make a note of the current settings before making changes. The settings will be cleared if the vehicle's battery is disconnected.

- 1 Touch [Country Code Input].
- 2 Touch [←] or [Delete All].  
Delete the displayed country number.
- 3 Touch the 4-digit country code.  
As for the country number, refer to "List of Country Codes" (page 72).
- 4 Touch [OK] to memorise the code.

## Setting the Rating Level (Parental Lock)

This function can help limit the viewing of movies to children of appropriate age levels only.

**Setting item:** *Parental*

- If settings are changed, the old settings are overwritten. Make a note of the current settings before making changes. The memory will be cleared if the vehicle's battery is disconnected.
- On unrated discs, playback will not be restricted even if the rating level is set.
- If you want to play back a disc with parental lock, and its use is currently restricted, change the rating level and the country number in order to play back the disc.
- Once set, this rating level remains in memory until changed. To enable playback of discs of higher rating levels, or to cancel the parental lock, the setting must be changed.
- Not all discs provide a parental lock. If you are unsure about a disc, play it first to confirm. Do not leave discs accessible to young children for whom you deem them inappropriate.

- 1 Touch [Parental].  
The numeric keypad screen is displayed.
- 2 Touch the numeric keypad to input a 4-digit password.  
The initial number is 1111. Input number are displayed as "\*\*".
- 3 Touch [OK] to memorise the number.  
The Parental screen appears.

## Set the rating level of PARENTAL

- 4 Touch [Parental].
- 5 Touch "◀" on "▶" to turn "On".  
Select "Off" to cancel parental lock or if you do not want to set a rating level.
- 6 Touch [X] to return to the previous screen.
- 7 Touch [Parental Level]
- 8 Touch [◀] or [▶] to select the rating level (1 to 8).  
The smaller the number, the higher the restriction.
- 9 Touch [X] to return to the previous screen.

## Changing the password

- 1 Touch [Password Change].  
The numeric keypad screen is displayed.
- 2 Touch the input screen to enter a new 4-digit password.
  - Keep a note of the number somewhere safe in case you should forget it.
- 3 Touch [OK] to memorise the number.
- 4 Touch [↶] to return to the previous screen.

### Changing the rating level temporarily

Some discs may request that you change the rating level set in the default settings during playback. In this case, the message "Do you wish to change Parental level? [OK] [Cancel]."

If this screen appears, change the level as follows:

- **To change parental level and play, touch [OK].**  
When [OK] is touched, the numeric keypad input screen is displayed. Input the 4-digit password you set in "Setting the Rating Level (Parental Lock)," then touch [OK].
- **To play without changing the parental level, touch [Cancel].**  
(If [Cancel] is touched, playback will be at the parental level set in "Setting the Rating Level (Parental Lock).")

## Setting the TV Screen Mode

Use the procedure described below to modify the output screen according to the type of TV monitor (rear monitor) being used. If the rear monitor is not connected, the screen setting is 16:9.

**Setting item:** *TV Screen*

**Setting contents:** *4:3LB / 4:3PS / 16:9 (Initial setting)*

- For some discs, the picture may not be set to the selected screen size. (For details, refer to the explanation on the disc's jacket.)

### 4:3 LETTER BOX:

Select this when connected to a conventional 4:3 size (normal TV aspect ratio) monitor. There may be black stripes visible at the top and bottom of the screen (when playing a 16:9 size movie). The width of these stripes will depend upon the original aspect ratio of the theatrical release of the movie.



**4:3 PAN-SCAN:**

Select this when connected to a conventional 4:3 size monitor. The picture will fill the entire TV screen. However, due to the mismatch in aspect ratio, parts of the movie at the extreme left and right sides will not be visible (when playing a 16:9 size movie).

**16:9 WIDE:**

Select this when connected to a wide screen TV. This is the factory setting.



## Radio Setting

[Radio] is selected on the Source setup menu in step 3. Refer to "Source Setup Operation" (page 41).

### PI SEEK Setting

**Setting item:** PI Seek

**Setting contents:** Auto / Off (Initial setting)

### Receiving RDS Regional (Local) Stations

When Off is selected, the unit automatically keeps receiving the local RDS station.

**Setting item:** RDS Regional

**Setting contents:** On (Initial setting) / Off

## Switching the Display Language of PTY (Programme Type)

**Setting item:** PTY Language

**Setting contents:** ENG (Initial setting) / GER / FRE / SPA / POR / ITA / DUT / DAN / FIN / NOR / SWE / RUS

ENG:	English
GER:	German
FRE:	French
SPA:	Spanish
POR:	Portuguese
ITA:	Italian
DUT:	Dutch
DAN:	Danish
FIN:	Finnish
NOR:	Norwegian
SWE:	Swedish
RUS:	Russian

## Setting PTY31 (Emergency Broadcast) Reception

PTY31 (Emergency Broadcast) reception can be set to On/Off.

**Setting item:** PTY31

**Setting contents:** On (Initial setting) / Off

- The unit automatically gives priority to an emergency broadcast whenever it begins, and interrupts the programme you are currently listening to when PTY31 is set to "On."
- The unit will show "Alarm" in the display during PTY31 reception.

## Setting the TUNER (FM) Tone Quality (Tuner Condition)

This unit can set your preferred tone quality for FM radio source.

**Setting item:** FM Tuner Setting

**Setting contents:** Normal (Initial setting) / HiFi / Stable

Normal:	Standard setting
HiFi:	High-quality setting
Stable:	Control noise

- Noise may be more noticeable when HiFi is set, depending on the reception status. In this case, the Normal setting is recommended.

## AUX Setting

[AUX] is selected on the Source setup menu in step 3. Refer to "Source Setup Operation" (page 41).

### Setting the AUX Mode

**Setting item:** *AUX In*

**Setting contents:** *Off / On (Initial setting)*

- Off: AUX source is not displayed.
- On: AUX source is displayed.

### Setting the Primary AUX Name (AUX Setup)

When AUX In is set to "ON", this setting is available.

**Setting item:** *Primary Name*

**Setting contents:** *AUX1(Initial setting) / DVD / GAME / EXT.DVD / DVD-CHG. / DVB-T / TV / USB Player*

- When a DVB-T tuner or USB Player (sold separately) is connected, you can use it to connect one more External Input device. Setting the Secondary name can change the mode name display of this device.

### Setting the Secondary AUX Name

Secondary name can be set only when Primary name is set to "DVB-T" or "USB Player."

**Setting item:** *Secondary Name*

**Setting contents:** *Off (Initial setting) / AUX2 / DVD / GAME / EXT.DVD / DVD-CHG. / DVB-T\*<sup>1</sup> / TV / USB Player\*<sup>2</sup>*

- The selected source name is displayed instead of AUX mode name.
- \*<sup>1</sup> If the Primary Name is DVB-T, DVB-T is not displayed as a Secondary Name option.
- \*<sup>2</sup> If the Primary Name is USB Player, USB Player is not displayed as a Secondary Name option.

### Setting Direct Touch Operation

If DVB-T is set as the Primary Name or Secondary Name, this setting is available.

**Setting item:** *Direct Touch*

**Setting contents:** *On (Initial setting) / Off*

- On: Direct Touch operation is available on the DVB-T screen.
- Off: Direct Touch operation is not available on the DVB-T screen.

### Switching the Visual Input Signal System

After setting to "On" in "Setting the AUX Mode," this setting can be carried out. The video input type can be changed.

**Setting item:** *Signal*

**Setting contents:** *Auto (Initial setting) / NTSC / PAL*

- Auto: The video input signal type (NTSC or PAL) will be automatically selected.
- NTSC/PAL: Choose the video input signal type manually.

## Setting the AUX3

Connection with external input devices is available through the iPod VIDEO connector. An optional adapter cable is required (standard RCA to 3.5φ mini-phono plug or 3.5φ to 3.5φ mini phono plug).

You can also play back video connecting with an optional AV cable (4-pole mini AV plug to 3-RCA).

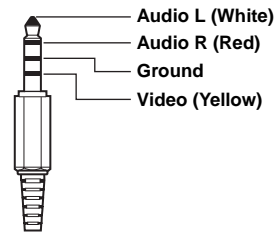
**Setting item:** *AUX3 In Sel.*

**Setting contents:** *iPod Video (Initial setting) / AUX3*

- iPod Video: Set when connected to an iPod or iPhone.
- AUX3: Set when connected to an external input device.

### Usable 4-pole mini AV plug

The unit accepts the following 4-pole mini AV plug pin-out:



- Please check pin-out carefully before use of this product. Depending on the cable, there may be no picture and/or sound.

### Setting the AUX3 Sel. (Switching the Visual Input Signal System)

After setting to "AUX3" in "Setting the AUX3 In Sel.," this setting can be carried out. The video input type can be changed.

**Setting item:** *AUX3 Signal*

**Setting contents:** *Auto (Initial setting) / NTSC / PAL*


- Auto: The video input signal type (NTSC or PAL) will be automatically selected.
- NTSC/PAL: Choose the video input signal type manually.

## BLUETOOTH Setup

### BLUETOOTH Setup Operation

The parking brake must be engaged to access the Setup screen. Attempting to access this screen while driving will display the warning-Unable to operate while driving.

The following steps 1 to 5 are common operations to each "Setting item" of BLUETOOTH Setup. Refer to each section for details.

- 1 Touch **[Setup]** icon of **Top banner**.  
The Setup main screen is displayed.
- 2 Touch  (**BLUETOOTH**).  
The BLUETOOTH Setup screen appears.
- 3 Select the desired item.



**Setting items:** **BLUETOOTH / BLUETOOTH Info. / Set BLUETOOTH Device / Auto Connect / Passcode Change / Auto Answer / Auto Answer Time / Phone Speaker / Ring Tone Volume / Microphone Level / Caller Volume / Delete Call History**

- 4 Touch **[◀]** or **[▶]** etc., to change its setting.
  - When the pop-up window for setup is displayed, touch **[X]** to close the window after setting.
- 5 Touch **[↶]** to return to the previous screen.
  - Immediately after changing the BLUETOOTH Setup (while the system is writing data automatically) do not turn the ignition key to OFF. Otherwise, the settings may not be changed.

### BLUETOOTH Setting

**[BLUETOOTH]** is selected on the BLUETOOTH setup menu in step 3. Refer to "BLUETOOTH Setup Operation" (page 45).

**Setting item:** **BLUETOOTH**

**Setting contents:** **Off / On (Initial setting)**

- Off: BLUETOOTH function is not used.
- On: Select when you would like to pair your BLUETOOTH compatible phone with this unit.

- If the Bluetooth setting is "Off," you cannot move to the BLUETOOTH setting screen.

### Displaying BLUETOOTH Information

**[BLUETOOTH Info]** is selected on the BLUETOOTH setup menu in step 3.

Refer to "BLUETOOTH Setup Operation" (page 45).

You can display the BLUETOOTH device name and device address of this unit.

**Setting item:** **BLUETOOTH Info**

### Registering the BLUETOOTH Device

**[Set BLUETOOTH Device]** is selected on the BLUETOOTH setup menu in step 3.

Refer to "BLUETOOTH Setup Operation" (page 45).

The BLUETOOTH device is used when a connectable BLUETOOTH compatible device is searched and connected from this unit, or a new BLUETOOTH compatible device is registered.

- 1 Touch **[Set BLUETOOTH Device]**.
- 2 Touch **[Search]** of **"No Device."**  
The Device list displays up to 3 items.
- 3 Touch **[Audio]**, **[Hands-free]** or **[Both]** of the device you want to connect from the list.

- Audio: Sets for use as an Audio device
- Hands-free: Sets for use as a Hands Free Device.
- Both: Sets for use as both an Audio device and Hands Free Device.

- You can connect (pair) up to 3 BLUETOOTH compatible mobile phones.

- 4 When the device registration is complete, a message appears and the device returns to normal mode.

- The BLUETOOTH registration process differs depending on the device version and SSP (Simple Secure Pairing). If a 4 or 6 character Passcode appears on this device, enter the Passcode using the BLUETOOTH compatible device.  
If a 6 character Passkey appears on the BLUETOOTH compatible device and touch "Yes."
- If all the 3 devices have been registered, you cannot register the 4th device. To register another device, you need to delete one of the devices from position 1 to 3 first.

### Setting the BLUETOOTH Device

Select one of 3 paired BLUETOOTH compatible devices that you previously registered.

- 1 Touch **[Set BLUETOOTH Device]**.
- 2 Touch **[Audio]** or **[Hands-free]** of the device you want to connect from the Paired Device list.

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### Deleting a BLUETOOTH Device from the list

You can delete the information of a previously connected BLUETOOTH compatible device.

- 1 Touch **[Set BLUETOOTH Device]**.
- 2 Touch **[Delete]** of the BLUETOOTH compatible device to delete from the Paired Device list.
- 3 Touch **[OK]**.

- Touching **[Cancel]** will cancel the setting.

### Automatic Connection Setting

**[Auto Connect]** is selected on the BLUETOOTH setup menu in step 3. Refer to "BLUETOOTH Setup Operation" (page 45). If the Automatic Connecting setting is "On," automatic connection is performed for the BLUETOOTH compatible device registered in the Paired Device list.

**Setting item: Auto Connect**  
**Setting contents: Off / On (Initial setting)**

### Setting the Passcode

**[Pass code Change]** is selected on the BLUETOOTH setup menu in step 3. Refer to "BLUETOOTH Setup Operation" (page 45). You can set the code for connecting with a BLUETOOTH compatible device.

**Setting item: Passcode Change**

- 1 Touch **[Passcode Change]**.  
A numeric keypad screen is displayed.
  - 2 Enter a 4-digit passcode, and then touch **[Enter]**.
- The initial number is 0000.
  - For details on how to input the numeric keypad, refer to "Numeric Keypad Input Operations" (page 26).

### Setting Received Calls Automatically

**[Auto Answer]** is selected on the BLUETOOTH setup menu in step 3. Refer to "BLUETOOTH Setup Operation" (page 45). When a call is received, you can set whether to answer it automatically or not.

**Setting item: Auto Answer**  
**Setting contents: Off (Initial setting) / On**

- On: When a call is received, it will be answered automatically
- Off: When a call is received, it will not be answered automatically

### Setting the Time for Automatic Reception of a Call

**[Auto Answer Time]** is selected on the BLUETOOTH setup menu in step 3. Refer to "BLUETOOTH Setup Operation" (page 45). When "Auto Answer" is set to "On," you can set how many seconds to let elapse before letting the Auto Answer pick up the call.

**Setting item: Auto Answer Time**  
**Setting contents: 5sec / 10sec (Initial setting) / 15sec / 20sec**

- 1 Touch **[Auto Answer Time]**.  
The Auto Answer setting screen is displayed.
- 2 Touch **[◀]** or **[▶]**.

## Selecting the Output Speaker

[**Phone Speaker**] is selected on the BLUETOOTH setup menu in step 3.

Refer to “BLUETOOTH Setup Operation” (page 45).

You can select which speaker in the car will output the audio from the phone.

**Setting item: Phone Speaker**

**Setting contents: All(Initial setting) / Front L / Front R / Front LR**

All:	The sound is output from all speakers in car.
Front L:	The sound is only output from the front left speaker.
Front R:	The sound is only output from the front right speaker.
Front LR:	The sound is output from the front left and front right speakers.

- *The setting cannot be adjusted during a phone call. Adjust the setting before placing a call.*

## Adjusting the Ring Tone Volume

[**Ring Tone Volume**] is selected on the BLUETOOTH setup menu in step 3.

Refer to “BLUETOOTH Setup Operation” (page 45).

You can adjust the volume of the incoming call.

**Setting item: Ring Tone Volume**

**Setting contents: 1 to 11 (Initial setting: 5)**

## Adjusting the Microphone Level

[**Microphone Level**] is selected on the BLUETOOTH setup menu in step 3.

Refer to “BLUETOOTH Setup Operation” (page 45).

You can adjust the transmit volume, during the call.

**Setting item: Microphone Level**

**Setting contents: 1 to 11 (Initial setting: 5)**

## Adjusting the Caller Volume

[**Caller Volume**] is selected on the BLUETOOTH setup menu in step 3. Refer to “BLUETOOTH Setup Operation” (page 45).

You can adjust the receive volume, during the call.

**Setting item: Caller Volume**

**Setting contents: 1 to 11 (Initial setting: 5)**

## Deleting All the Histories

[**Delete Call History**] is selected on the BLUETOOTH setup menu in step 3.

Refer to “BLUETOOTH Setup Operation” (page 45).

Dialled/Received/Missed Incoming histories are all deleted.

**Setting item: Delete Call History**

- 1 Touch [Delete Call History]**  
The confirmation screen is displayed.
  - *When there is no history, this option is not available.*
- 2 Touch [OK].**  
All the histories are deleted.

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## Camera Setup

### Camera Setup Operation

With an optional camera connected, its video is output to the monitor. When the camera is connected, set this item.

The parking brake must be engaged to access the Setup screen. Attempting to access this screen while driving will display the warning-Unable to operate while driving.

The following steps 1 to 5 are common operations to each "Setting item" of Camera Setup. Refer to each section for details.

- 1 Touch **[Setup]** icon of Top banner.  
The Setup main screen is displayed.
- 2 Touch **[CAMERA]**.  
The Camera Setup screen appears.
- 3 Select the desired item.



Setting items: Camera / Camera Interrupt (Power OFF Mode)

- 4 Touch **[◀]** or **[▶]** etc., to change its setting.
  - When the pop-up window for setup is displayed, touch **[X]** to close the window after setting.
- 5 Touch **[↶]** to return to the previous screen.
  - Immediately after changing the Camera Setup (while the system is writing data automatically) do not turn the ignition key to OFF. Otherwise, the settings may not be changed.

## AUX Camera Setting

[Camera] is selected on the Camera setup menu in step 3. Refer to "Camera Setup Operation" (page 48).

### Setting the Camera Input

Setting item: **Camera Select** / **Camera Signal**\*/**Guide Adjustment**\*

Setting contents: **Off (Initial setting)** / **Rear**

\* If "Camera Select" is set to "Off," this option is not available.

### Setting the AUX Camera Signal Input

When the AUX camera is connected, the video input signal type can be chosen.

Further setting item: **Camera Signal**

Setting contents: **AUTO (Initial setting)** / **NTSC** / **PAL**

NTSC/PAL: Choose the video input signal type manually.

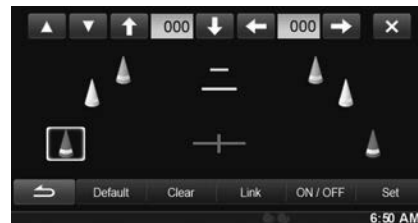
AUTO: The suitable video input signal type will be automatically chosen between NTSC and PAL.

### Adjusting the Rear Camera Guide

If you select "Rear" you can adjust the camera guide position.

Setting item: **Guide Adjustment**

- 1 Touch **[Guide Adjustment]**.  
The camera guide adjustment screen is displayed.
- 2 Touch **[Adjust]**.
  - If [Adjust] does not appear, proceed to step 3.
- 3 Touch the guide you intend to adjust.  
Guide line can also be selected by touching **[▲]** **[▼]**.



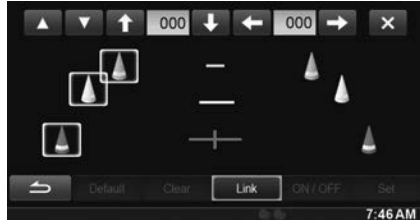
- 4 Touch **[↑]**, **[↓]**, **[←]** or **[→]** to adjust the position of the guide.
  - Touching **[Clear]** clears adjustments and returns to the setting before guide line alteration.
- 5 After the adjustment is completed, touch **[Set]**.



### **Adjusting guides simultaneously**

#### **Touch [Link].**

The 3 vertical guides of the currently-selected guide link together, allowing them to be adjusted simultaneously.



### **Turning guide display ON/OFF**

Turning the selected guide off.

#### **1 Touch [ON/OFF].**

The currently selected guide will turn off.

#### **2 To turn the guide on, touch [ON/OFF] again.**

- *Guides that are turned off are still adjustable.*

### **Returning guides to default.**

#### **1 Touch [Default].**

A message window will appear.

#### **2 Touch [OK].**

Adjusted values will return to default settings.

## **Camera Interrupt Setting (Power OFF Mode)**

[**Camera Interrupt**] is selected on the Camera setup menu in step 3. Refer to "Camera Setup Operation" (page 48).

You can set whether to display the rear camera image when the gear lever is moved to the reverse (R) position while the unit is turned off.

#### **Setting item: Camera Interrupt (Power OFF Mode)**

#### **Setting contents: On (Initial setting) /Off**

- On: The rear camera image is displayed
- Off: The rear camera image is not displayed

# BLUETOOTH Operation

## Setup Before Using

### About BLUETOOTH

BLUETOOTH is a wireless technology allowing communication between a mobile device or personal computer over short distances. This enables a hands-free call or data transmission between BLUETOOTH compatible devices. BLUETOOTH transmission is available in the unlicensed 2.4 GHz spectrum if the distance between devices is within 10 meters. For details, refer to the BLUETOOTH website (<http://www.bluetooth.com/>).

- Depending on the BLUETOOTH version, a BLUETOOTH compatible device may not be able to communicate with this unit.
- Proper function of this unit with all BLUETOOTH compatible devices is not guaranteed. For handling of the BLUETOOTH compatible device, consult your ALPINE dealer or ALPINE website.
- Depending on the surroundings, BLUETOOTH wireless connection may be unstable.
- When you place a call, or perform setup operations, be sure to stop your car in a safe place.
- Depending on the connected BLUETOOTH compatible device(s), the function may differ. Also refer to the Owner's Manual of the connected device(s).

### About the Hands-Free Phone

Hands-free calls are possible when using a HFP (Hands-Free Profile) compatible mobile phone with this unit.

- Avoid performing a hands-free call in heavy traffic or on narrow or winding streets.
  - Close the windows while calling to reduce background noise.
  - If both calling parties are using hands-free devices, or the call is made in a noisy location, difficulty hearing the other person's voice is normal.
  - Depending on telephone line conditions or certain mobile devices used, voices may sound unnatural.
  - When using a microphone, speak as directly as you can into the microphone to obtain the best sound quality.
  - Certain mobile phone features are dependent on the capabilities and settings of your service provider's network. Additionally, certain features may not be activated by your service provider, and/or the provider's network settings may limit the feature's functionality. Always contact your service provider about feature availability and functionality.
- All features, functionality, and other product specifications, as well as the information contained in the Owner's Manual are based upon the latest available information and are believed to be accurate at the time of printing.
- Alpine reserves the right to change or modify any information or specifications without notice or obligation.

### Before Using BLUETOOTH

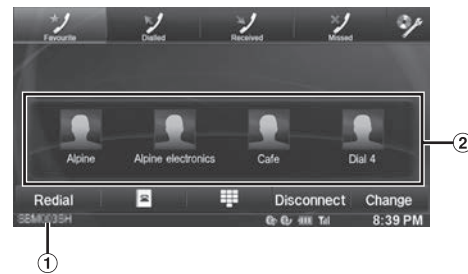
Before using the hands-free phone/audio function, the following settings need to be made.

- 1 Set "BLUETOOTH" to "On" (see page 45).
- 2 Register a BLUETOOTH device in this unit (see page 45).

- Refer to "BLUETOOTH Setting" (page 45).
- You can search for this unit using a BLUETOOTH compatible device, and then connect that BLUETOOTH compatible device to this unit. The device name of this unit is "INE-W970BT" and the initial number of the passcode is "0000." Also refer to the Owner's Manual of the connected device(s).

## Hands-Free Phone Control

### ■ Display example for Phone menu screen



- ① BLUETOOTH devices Name
- ② Favorites Display: Short Cut icon  
Dialled/Received/Missed Display: Each histories icon

## Connecting a BLUETOOTH Device

Registering a BLUETOOTH device in INE-W970BT enables automatic connection.

If it does not connect automatically, run through the connection procedure again.


- 1 Press the **PHONE** button.  
The Phone menu screen is displayed.
- 2 Touch **[Connect]**.  
BLUETOOTH connection will start.

### Disconnecting the BLUETOOTH Connection

Touch **[Disconnect]**.  
The BLUETOOTH connection is disconnected.

## Changing the connecting BLUETOOTH Device



If multiple BLUETOOTH devices are registered in this device, you can change the connection among the registered devices.

- 1 **Press the  (PHONE) button.**  
The Phone menu screen is displayed.
- 2 **Touch [Change].**  
The Set Bluetooth Device screen is displayed.
- 3 **Touch [Audio] or [Hands-free] of the selected device.**  
The connection will transfer to the selected device.

- You can check registered shortcut dialing by touching the **BLUETOOTH Device List**.  
For how to assign one-touch dialling, refer to “Assigning as a Short Cut Dialling Number” (page 53).



## Answering a Call

Incoming calls are announced by the received call ring tone and a displayed message (PHONE No., etc.).

- 1 **An incoming call triggers the ringtone and an incoming call display.**
- 2 **Touch [] or press  (PHONE) button.**  
The call starts.
  - When “Setting Received Calls Automatically” (page 46) is set to “On,” you can receive a call automatically.
  - During a call, the audio for the current mode on the unit is muted. After calling, playback will resume.
  - When the caller’s number is transmitted to the system, if the caller’s name is stored in the phone book, the name is displayed. If the name is not stored, the number is displayed. When neither the name or the number is unavailable, “Unknown” is displayed.

### Adjusting Ringtone Volume

The ringtone volume is adjustable on the incoming call message screen.

Touch [] or [] for “Vol.”

## Hanging up the Telephone



Touch [].  
The call finishes.

## Calling

Use the Phone menu screen to make a phone call.






### Using Short Cut Dialling to Make a Call

You can assign up to 4 phone numbers for one-touch dialling to make a call easily. For how to assign one-touch dialling, refer to “Assigning as a Short Cut Dialling Number” (page 53).

- 1 **Press the  (PHONE) button.**  
The phone menu screen is displayed.
- 2 **Touch [] Favorites].**
- 3 **Touch [Dial1], [Dial2], [Dial3] or [Dial4].**  
The phone call is sent to the stored number.
  - Pressing and holding [Dial1], [Dial2], [Dial3] or [Dial4] displays the **Shortcut Dialling Edit** screen. The only available editing operation is deletion.
  - If a name has been registered, the name is displayed on the shortcut button.




### Dialling a Number In Call History

You can use 3 types of history to make a phone call. Call History saves up to 60 phone numbers. If the limit is exceeded, the oldest phone number is deleted.

- 1 **Press the  (PHONE) button.**  
The phone menu screen is displayed.
- 2 **Touch [] Dialed], [] Received] or [] Missed].**  
The last four histories are displayed.
- 3 **Touch the name from the call history.**  
The details screen of the call history is displayed.
  - To display all the histories, touch [All]. Touching [Delete] deletes the selected histories.
- 4 **Touch [].**  
The phone call is started.

### Dialling a Number In the Phone Book

You can use the phone book of the mobile phone to make a phone call. Before using, you need to transfer the phone book from the mobile phone to the system. For details on how to transfer the phone book, refer to “Synchronising the Phone Book” (page 52).

- 1 **Press the  (PHONE) button.**  
The phone menu screen is displayed.
- 2 **Touch [].**
- 3 **Touch the person name or the telephone number from the Phone Book list.**
- 4 **Touch [].**  
The phone call is started.

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## Entering a Phone Number to Make a Call

- 1 **Press the  (PHONE) button.**  
The phone menu screen is displayed.
- 2 **Touch .**  
The number input screen appears.
- 3 **Enter the phone number you wish to call.**  
• You can enter up to 31 digits.
- 4 **Touch .**
- 5 **Touch [Call].**  
The phone call is started.

## Redial Function

You can redial the person you have previously called.

- 1 **Press the  (PHONE) button.**  
The phone menu screen is displayed.
- 2 **Touch [Redial].**  
The number is redialed.
- 3 **Touch [Call].**  
The phone call is started.

## Operations During a Conversation

### ■ Display example



- ① Name and phone number
- ② Conversation time

## Adjusting the Speech Volume



You can adjust the transmit volume and receive volume respectively.

**Touch [] or [] for "Vol."**

 : Outgoing volume

 : Incoming volume

You can adjust the volume in 11 levels.

Touch [] to turn down the volume. Touch [] to turn up the volume.

## Changing the Voice Output

The voice output for calls is switchable between car speakers and the mobile phone speaker.

**Touch [] ↔ [].**

- Depending on the mobile phone, this operation may not be possible.

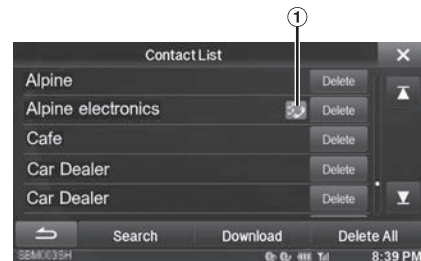
## DTMF (Touch-Tone) Function

Transmits a DTMF (Touch-Tone) during a call.

- 1 **Touch [TONE].**  
The number input screen appears.
- 2 **Input number.**  
• You can transmit a Touch-Tone signal during a call.  
• Touching and holding "0" initiates "+" tone transmission.

## Phone Book Function



### ■ Display example for Phone Book screen





- ① An icon is displayed to indicate that multiple phone numbers are registered under an entry.

## Synchronising the Phone Book

You can synchronise the system's phone book with the mobile phone's phone book.



- 1 **Press the  (PHONE) button.**  
The phone menu screen is displayed.
- 2 **Touch [.**
- 3 **Touch [Download].**
- 4 **Touch [SYNC].**  
Synchronisation of the phone books starts.  
• You can store up to 1,000 phone numbers in the phone book.  
• You can store up to 5 phone numbers by one person's name.

## Adding the Phone Book



- 1 Press the  (PHONE) button.**  
The phone menu screen is displayed.
- 2 Touch .**
- 3 Touch [Download].**
- 4 Touch [Add].**  
Stays on standby for connection of the mobile phone.
  - Touch [Cancel] to cancel the standby mode.
- 5 The mobile phone accesses this unit and then transfers the phone book from the mobile phone to this unit.**
  - Mobile phone connection is cancelled while the phone book is being transferred.

## Deleting the Phone Book Entries

### Deleting One Entry from the Phone Book


- 1 Press the  (PHONE) button.**  
The Phone menu screen is displayed.
- 2 Touch .**  
The Phone Book screen is displayed.
- 3 Touch the phone number you intend to delete.**
- 4 Touch [Delete].**  
The confirmation screen is displayed.  
If multiple phone numbers are registered, they are all deleted.
- 5 Touch [OK].**  
The selected number is deleted.

### Deleting All Entries from the Phone Book



- 1 Press the  (PHONE) button.**  
The Phone menu screen is displayed.
- 2 Touch .**  
The Phone Book screen is displayed.
- 3 Touch [Delete All].**  
The confirmation screen is displayed.
- 4 Touch [OK].**  
All entries of the phone book are deleted.

## Assigning as a Short Cut Dialling Number

### Assigning from Call History

- 1 Press the  (PHONE) button.**  
The Phone menu screen is displayed.
- 2 Touch [Dialled], [Received] or [Missed].**  
The last four histories are displayed.
- 3 Touch the person name you intend to assign as the Short Cut dialling number.**  
The details screen of the Phone book is displayed.
  - To display all the histories, touch [All]. Touching [Delete] deletes the selected histories.
- 4 Touch [Preset].**  
The details screen for the Short Cut is displayed.
- 5 Touch [Save].**  
The phone number is assigned to the selected Short Cut dialling number.
  - If Dial1, Dial2, Dial3 or Dial4 is already registered, it is overwritten.
  - Touch [Delete] to delete an assigned short cut dialling number.

### Assigning from the Phone Book

- 1 Press the  (PHONE) button.**  
The Phone menu screen is displayed.
- 2 Touch .**  
The Phone Book screen is displayed.
- 3 Touch the phone number you intend to assign as the Short Cut dialling number.**  
The details screen of the Phone book is displayed.
- 4 Touch [Preset].**  
The details screen for the Short Cut is displayed.
- 5 Touch [Save].**  
The phone number is assigned to the selected Short Cut dialling number.
  - If Dial1, Dial2, Dial3 or Dial4 is already registered, it is overwritten.
  - Touch [Delete] to delete an assigned short cut dialling number.

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## Call Waiting Function

If a call comes in from another phone during a call, a notice is displayed on the screen. This function can only be used if the connected mobile phone has a call waiting function service included.

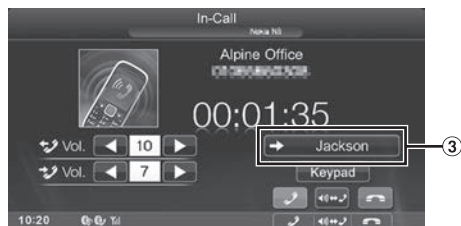
### Receiving calls during a current call

If a new call comes in during a current call, a screen allowing you to negotiate the new call is displayed.



- ① Touch [ ] to take the new call and put the current party on hold.  
Touch [ ] to not take the new call and continue your call with the current party.
- ② Touch [ ] or press the Media Control button 3 to end your call with the current call and take the new call.

### Switching calls

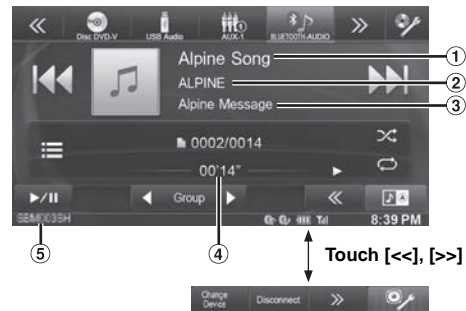


- ③ Touch to switch the call.
- This unit supports only the Call Waiting function of a mobile phone. The second call function and three-way calling function of a mobile phone cannot be operated from this unit. Also the screen display may malfunction.

## BLUETOOTH Audio

If a BLUETOOTH compatible mobile phone, portable player, etc. is connected by wireless, you can play back a song (operation is controllable from the unit).

### Display example for BLUETOOTH Audio main screen



- ① Song title
- ② Artist title
- ③ Album title
- ④ Elapsed time
- ⑤ BLUETOOTH devices Name

- The displayed onscreen buttons may differ depending on the AVRCP version.
- Status Indicator/Song title/Artist title/Album title/Elapsed time do not display for AVRCP Ver. 1.0.
- To play back audio, a mobile phone or a portable player conforming to A2DP (Advanced Audio Distribution Profile) or AVRCP (Audio/Video Remote Control Profile) is required.  
Not all functions work with all devices.
- During a call, sound on the BLUETOOTH audio source is muted.

#### Compatible AVRCP versions: 1.0, 1.3, 1.4

- Available functions may differ depending on the AVRCP version.

## Playback

- 1 Press the **🎵 (AUDIO)** button.
- 2 Touch **[BLUETOOTH-AUDIO]** of Top banner.
- 3 Touch **[◀◀]** or **[▶▶]** to select the desired track (file).

**Returning to the beginning of the current file:**  
Touch **[◀◀]**.

**Fast backward the current file:**  
Touch and hold **[◀◀]**.

**Advance to the beginning of the next file:**  
Touch **[▶▶]**.

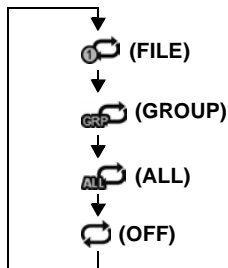
**Fast forward the current file:**  
Touch and hold **[▶▶]**.

- 4 To pause playback, touch **[▶/||]**.

## Repeat Play

Available for AVRCP Ver. 1.3 and 1.4 only.

**Touch [↻] during playback.**  
The repeat mode switches every time the button is touched.

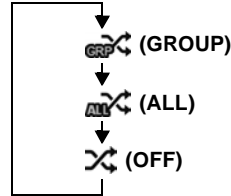


- Operations may differ depending on the connected **BLUETOOTH** compatible device.

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

Available for AVRCP Ver. 1.3 and 1.4 only.

**Touch [⌘] during playback.**  
The M.I.X. mode switches every time **[⌘]** is touched.



- Operations may differ depending on the connected **BLUETOOTH** compatible device.

## Selecting Groups

Available for AVRCP Ver. 1.3 and 1.4 only.

**Touch [◀ Group] or [Group ▶] to select the group.**

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# Auxiliary Device (Optional)

## Operating Auxiliary Devices (Optional)

To operate devices connected to the AUX terminals of INE-W970BT, follow the procedure described below.

- Set AUX In to "On." Refer to "Setting the AUX Mode" (page 44).
- Depending on the connected unit, the onscreen buttons may not work, or their operation may differ.

### ⚠ WARNING

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

**Install the INE-W970BT correctly so that the driver cannot watch TV/video unless the vehicle is stopped and the emergency brake is applied.**

**If the INE-W970BT is not installed correctly, the driver will be able to watch TV/video while driving the vehicle and may be distracted from looking ahead and cause an accident. The driver or other people could be severely injured.**

- If you try to activate the auxiliary device while driving, the display will show the warning-Picture off for your safety.

- 1 Press the **🎵 (AUDIO)** button.
- 2 Touch **[AUX1]\*1**, **[AUX2]\*1** or **[AUX3]\*2** of Top banner.  
The AUX mode screen is displayed.

\*1 The name which is given as the mode name in "Setting the Primary AUX Name (AUX Setup)" (page 44) and "Setting the Secondary AUX Name" (page 44) is displayed.

\*2 When "Setting the AUX3" (page 44), AUX3 appears when setting "AUX" only.

## AUX Operation Screen Display During Video File Playback

**Touch the screen.**

The AUX operation screen is displayed.

### ■ Example for AUX1, AUX2, AUX3, DVD, Game, USB Player mode display



- The operation screen changes to the visual screen in the AUX mode for 5 seconds after an operation has been performed. To hide the AUX operation screen, touch the video display area.

Touch the display panel to display the operation screen again.

- Setting the AUX name for EXT.DVD, DVD-CHG, DVB-T, and TV mode displays their individual operation switches and enables operation. Refer to "Setting the Primary AUX Name (AUX Setup)" (page 44) and "Setting the Secondary AUX Name" (page 44).
- The direct touch feature is available in USB Player mode. Directly touch operation switches displayed on the screen to operate.

## Operating an External DVD Player

To operate an External DVD player (Optional), set "Setting the Primary AUX Name (AUX Setup)" (page 44) or "Setting the Secondary AUX Name" (page 44) to "EXT.DVD."

### Change to the External DVD Mode

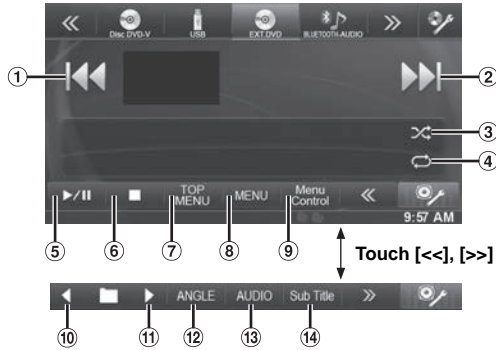
- 1 Press the **🎵 (AUDIO)** button.
- 2 Touch **[EXT.DVD]** of Top banner.  
The display shows the EXT. DVD mode screen.



## About the DVD Operation Screen

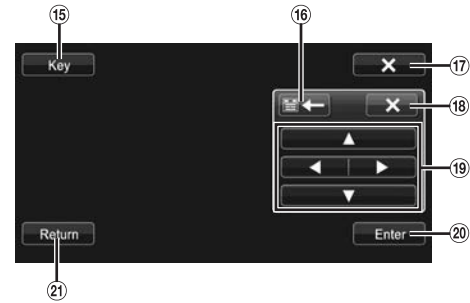
When the external DVD player playback screen is displayed, you can touch the screen to display the operation screen. For details on how to operate, refer to the Owner's Manual of the connected DVD player.

### External DVD player display example



- ① [**⏮**]  
Touch the switch to go back to the beginning of the current chapter/track/file. Touch the switch once more to find the beginning of the previous chapter/track/file. Touch and hold to fast reverse.
- ② [**⏭**]  
Touch the switch to advance to the beginning of the next chapter/track/file. Touch and hold to fast forward.
- ③ [**⏹**]  
Starts/Stop M.I.X. play.
- ④ [**🔄**]  
Starts/Stop repeat play.
- ⑤ [**⏮/⏭**]  
Switches between play and pause.
- ⑥ [**■**]  
Touching during play initiates a pre stop. Touching again stops play.
- ⑦ [TOP MENU]  
Calls up the Top Menu screen.
- ⑧ [MENU]  
Calls up the Menu screen.
- ⑨ [Menu Control]  
Calls up the menu operation mode.
- ⑩ [**⏪**]  
Switches the programme/playlist/folder down.
- ⑪ [**⏩**]  
Switches the programme/playlist/folder up.
- ⑫ [ANGLE]  
Switches angle.
- ⑬ [AUDIO]  
Switches audio.
- ⑭ [Sub Title]  
Switches sub titles.

### Menu operation mode screen display example



- ⑮ [Key]  
The menu operation mode will be displayed.
- ⑯ [**⏪**], [**⏩**]  
Moves key panel location.
- ⑰ [**✕**]  
Closes menu operation mode.
- ⑱ [**✕**]  
Closes key panel.
- ⑲ [**▲**], [**◀**], [**▼**], [**▶**]  
Moves menu cursor.
- ⑳ [Enter]  
Determines the selected item.
- ㉑ [Return]  
Returns to the previous item/screen.

## Operating an External DVD Changer

To operate an External DVD changer (Optional), set "Setting the Primary AUX Name (AUX Setup)" (page 44) or "Setting the Secondary AUX Name" (page 44) to "DVD-CHG.."

### Change to the External DVD Changer Mode

- 1 Press the **🎵 (AUDIO)** button.
- 2 Touch **[DVD-CHG.]** of Top banner.  
The display shows the DVD-CHG. mode screen.

## About the DVD Changer Operation Screen

When the External DVD changer playback screen is displayed, you can touch the screen to display the operation screen. For details on how to operate, refer to the Owner's Manual of the connected DVD changer.

- The DVD-CHG. operation mode screen and the Menu operation mode screen are the same as the external DVD player operation screen. Refer to "Operating an External DVD Player."

### External DVD changer display example



- ① [Disc1]-[Disc6]  
Selects a Disc.

## Operating the Mobile Digital TV Receiver (DVB-T)

To operate the Mobile Digital TV Receiver (DVB-T) (Optional), set "Setting the Primary AUX Name (AUX Setup)" (page 44) or "Setting the Secondary AUX Name" (page 44) to "DVB-T."

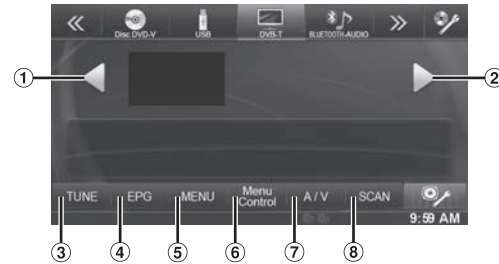
### Changing to the Mobile Digital TV Receiver (DVB-T) Mode

- 1 Press the **AUDIO** button.
- 2 Touch **[DVB-T]** of Top banner.  
The display shows the DVB-T mode screen.

## About the DVB-T Operation Screen

When you touch the screen in the DVB-T mode, the operation screen is displayed. For details on how to operate, refer to the Owner's Manual of the connected Digital TV Receiver (DVB-T).

### Menu operation mode screen display example



- ① [**<<**]  
Switches the Channel number/ Favorite channel number down.
  - ② [**>>**]  
Switches the Channel number / Favorite channel number up.
  - ③ [TUNE] (Channel or FAV)  
Switches between the Channel mode and the Favorite channel mode.
  - ④ [EPG]  
Call up the Electronic Programme Guide (EPG).
  - ⑤ [MENU]  
Call up the menu screen.
  - ⑥ [Menu Control]  
Call up the menu operation mode.
  - ⑦ [A/V]  
Switches the source.
  - ⑧ [SCAN]  
Touch the switch to start the scan procedure.
- If the setting for "Setting Direct Touch Operation" (page 44) is set to "On," direct touch operation is possible. Directly touch operation switches displayed on the screen to operate. To display the operation screen, touch [Control].

## Operating a TV

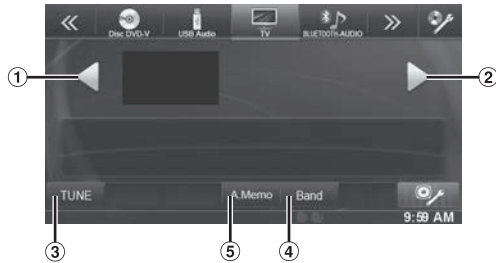
To operate a TV Receiver (TV) (Optional), set "Setting the Primary AUX Name (AUX Setup)" (page 44) or "Setting the Secondary AUX Name" (page 44) to "TV."

### Change to the TV mode

- 1 Press the **AUDIO** button.
- 2 Touch **[TV]** of Top banner.  
The display shows the TV mode screen.

## About the TV Operation Screen

When the TV playback screen is displayed, you can touch the screen to display the operation screen. For details on how to operate, refer to the Owner's Manual of the connected TV.



- ① [◀], [◀◀]  
Switches the Channel number / Preset channel / frequency down.
- ② [▶], [▶▶]  
Switches the Channel number / Preset channel / frequency up.
- ③ [TUNE] (Channel or PRESET or MANUAL)  
Switches amongst Channel mode, Preset mode, and Manual mode.
- ④ [Band]  
Switches the band.
- ⑤ [A.Memo]  
The tuner automatically seeks and stores stations.

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# Camera Operation (Optional)

When an optional camera is connected, the view video of camera can be output to the monitor.

Depending on your camera, please choose the camera type first. For details, refer to "Camera Setup" (page 48).

## Rear camera:

If an HCE-C305R\*/HCE-C300R\*/HCE-C200R/HCE-C115/HCE-C105 camera is connected, when the vehicle is reversed, the rear camera view (guide marks for vehicle width and available distance) is displayed automatically on the screen of this unit.

\* When connecting to HCE-C305R/HCE-C300R, calibration must be performed. For details, refer to "Calibration" in the owner's manual of HCE-C305R/HCE-C300R.

You can adjust the quality of the camera image.

**Setting items: Bright / Color / Contrast**

Refer to "Visual Setting" (page 32).

## Rear Camera Operation

Set "Rear" for "AUX Camera Setting" (page 48).

### Displaying the Rear View Video while the Car is in Reverse

- 1 Shift the gear lever to the reverse (R) position.**  
The rear view image is displayed while the car remains in reverse.
- 2 If you shift the gear lever to a position other than reverse (R), the monitor returns to the previous screen.**
  - Never depend solely on the camera when backing up. Always turn and look and only use the camera for additional assistance.
  - This function is effective when the reverse wire is properly connected.

### Guide Display ON/OFF Setting

- 1 Touch the screen when the image from the camera is displayed.**  
The operation screen is displayed on the screen.
  - After a 5-second time-out, the operation screen returns to the camera display screen.
- 2 Touch [Guide OFF] on the Rear camera display screen.**  
The guide disappears, and then the [Guide OFF] switch changes to [Guide ON].
- 3 Touch [Guide ON] to turn on the guide.**

### Adjusting the Caution Display Location

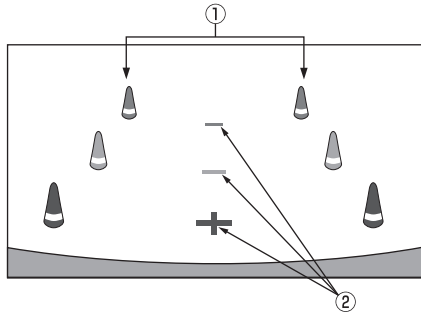
- 1 Touch the screen when the image from the camera is displayed.**  
The operation screen is displayed on the screen.
  - After a 5-second time-out, the operation screen returns to the camera display screen.
- 2 Touch [Caution ⬆].**
  - For each touch, the caution location moves to the top or bottom of the screen.

## About the Rear Camera Guide

To display the guide, set "Guide Display ON/OFF Setting" (page 60) to On. You can also turn off the guide in the Rear camera display screen.

### ■ Indication mark meaning

When the car is put into reverse gear, the monitor switches to the rear view camera image. Guides appear to help visualise the car's width and distance from the rear bumper.



#### ① Car width extension marks (red, yellow and green in order of distance)

If properly calibrated, the marks indicate the car's width. This helps guide the car's path when backing up in a straight line.

The marks represent the distance from the rear of the car (from the rear end of the bumper).

- The marks do not move in synchronisation with the steering wheel.

#### ② Distance guidance marks

The marks represent the distance from the rear of the car (from the rear end of the bumper).

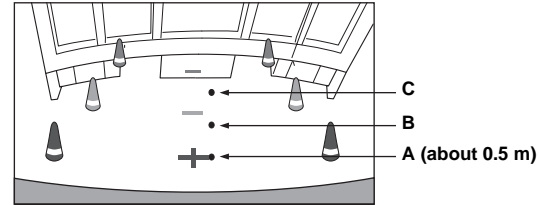
- The marks do not move in synchronisation with the steering wheel.
- Each centre position of the mark represents about 0.5 m (red), about 1 m (yellow) and about 2 m (green) behind.

- Depending on the condition of the car or road surface, the range of vision may vary.
- The camera has a limited range of vision. Objects at extreme angles to the camera (e.g. under the bumper or at opposite ends of the bumper) may not be in the its field-of-vision.
- The rear camera image may have a tint which is different from the actual surroundings.
- Depending on the car, the guidance may deviate to the right or left. This is not a malfunction.

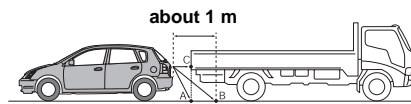
### ■ Distance guidance mark

The distance guides represent the ground level distance from the rear bumper. It is difficult to accurately estimate the distance to objects above ground level.

<Screen>



<Positions of A, B and C>



**In the screen, according to the distance guidance marks, the truck seems to be parked about 1 m away (at the position B). In actual fact, however, if you reversed to position A, you would collide with the truck.**

**In the screen, positions A, B and C seem to be located in order of proximity. However, in actual fact, the position A and C are the same distance, and B is farther away than positions A and C.**

- The car width extension mark represents the distance to the road surface. The distance to an object on the road is not accurately represented by the guides.
- In the following conditions, screen visibility may be impaired. This is not a malfunction.
  - When it is dark (during the night, etc.).
  - Under very high or very low temperature conditions.
  - When water drops adhere to the camera, or when the humidity is high (such as rainy weather, etc.).
  - When foreign bodies (such as mud, etc.) adhere to the camera or its peripheral area.
  - When sunlight or headlights directly strike the camera lens.
  - When a CCD camera is connected, smearing\* may occur. This phenomenon is peculiar to CCD cameras.

#### \* Smear phenomenon:

A phenomenon which occurs when a high-intensity spot (such as a reflection of the sunlight on a car body) is shot by the camera. The picture below is an example of 'vertical smear' common to CCD cameras.



A high-intensity spot

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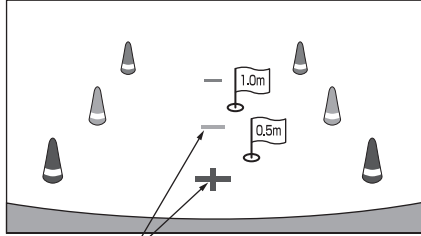
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**Error between the screen and the actual road surface**

In the following conditions, errors are produced between the screen guidance and the actual road surface. (The illustrations represent a case when the camera is installed in the standard position.)

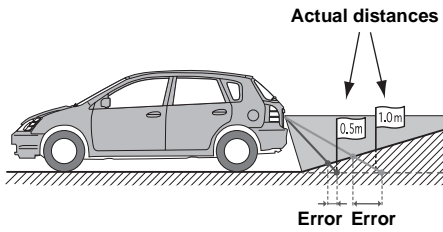
■ **When there is a steep upward slope behind the car (example)**

<Screen>



Distance guidance marks

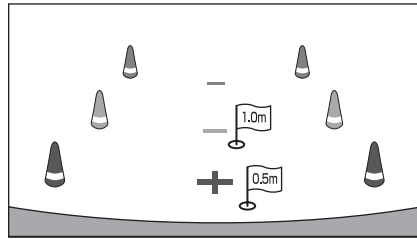
<Situation of the car>



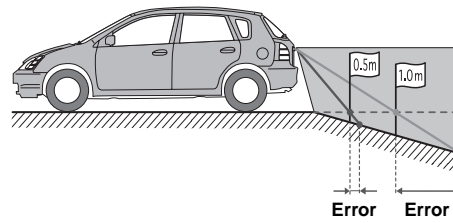
The distance guidance mark represents the distance to a flat road surface. Therefore in the case of an upward slope behind the car, the distance guides are displayed closer to the rear bumper than the actual distance. For example, if there is an obstacle on the upward slope, it may appear farther away than its actual position. Also, an error may occur between the guidance and the actual path of the car on the road surface.

■ **When there is a steep downward slope behind the car (example)**

<Screen>



<Situation of the car>



In the case of a downward slope behind the car, the distance guides are displayed farther from the rear bumper than the actual distance. If there is an obstacle on the downward slope, it seems closer than its actual position. Also, an error may occur between the guidance and the actual path of the car on the road surface.

# USB Memory (Optional)

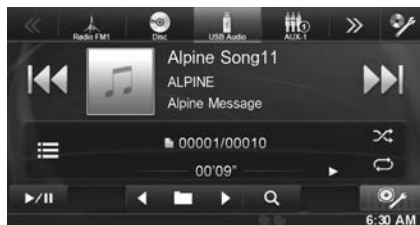
You can play back music files (MP3/WMA/AAC) and video files (DivX<sup>®</sup>) stored in a USB memory device on the internal player of this system. DivX<sup>®</sup> files stored in a USB memory device and protected by DRM (Digital Rights Management) cannot be played.

This section explains music operations only. Refer to the DivX<sup>®</sup> operation section in "DVD" (page 25) for information on video.

- If the first file played is a music file, the mode will be the music play mode. If the first file played is a video file, the mode will be the video play mode. Also, the mode changes by selecting "Music" or "Video" in step 2 in Search Function. Refer to "Searching for a Desired Song" (page 64) and "Searching for a Desired Video File" (page 28).

## ■ Display example for the USB main screen (Info mode)

### Audio mode



### Video mode



Touch [ << ], [ >> ]



- Refer to "Display example for MP3/WMA/AAC main screen" (page 22) and "Display example for DivX<sup>®</sup> main screen" (page 25) for screen element explanations.
- You can display artwork during USB playback.

## ■ About creating a tag information library

You can scan music files in a USB memory device and create a library of tag information in this unit. Library creation starts when the USB memory device is connected. The time it takes to create the library depends on the number of files in the USB memory device, but it may take several minutes.

### About operations during library creation

- "Tag Search" (page 64) does not work properly while a library is being created.
- The order in which songs are played during library creation may differ from the order in the USB memory device.

## Playback

### 1 Press the (AUDIO) button.

### 2 Touch [USB] of Top banner.

The USB mode is activated and the display changes to the USB screen.

### 3 Touch [ <<< ] or [ >>> ] or to select the desired track (file).

#### Returning to the beginning of the current track (file):

Touch [ <<< ].

#### Fast reverse :

Touch and hold [ <<< ].

#### Advancing to the beginning of the next track (file) :

Touch [ >>> ].

#### Fast forward :

Touch and hold [ >>> ].

### 4 To pause playback, touch [ > / || ].

[ > / || ] is displayed in the middle of the screen.

Touch [ > / || ] again or touch [ > ] in the middle of the screen to start playback.

- Any file protected by DRM (Digital Rights Management) copy protection, cannot be played back on this unit.
- The playback time may not be correctly displayed when a VBR (Variable Bit Rate) recorded file is played back.
- If there is tag information, artist name/album name/track name is displayed.
- ID3 tag/WMA tag  
If an MP3/WMA/AAC file contains ID3 tag/WMA tag information, the ID3 tag/WMA tag information is displayed (e.g., song name, artist name, and album name).
- If the combined number of files/folders in the USB memory devices reaches 10,000, the message "The system has reached its limit of recognisable files/folders from the USB device." will be displayed. To delete the message, remove the USB memory devices.

## Repeat Play

Operation differs depending on whether the most recent song search was a Tag Search or a Folder/File Search.

### Touch [ ] during playback.

The repeat mode switches every time the button is touched.

#### Folder/File Search mode:

Repeat → Repeat Folder\* → (OFF) → Repeat



#### Tag Search mode:

Repeat → (OFF) → Repeat




\* Only files in a folder are repeatedly played back.

- If the Repeat Play mode is activated during M.I.X. playback, the M.I.X. mode will be cancelled.

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

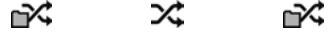
Operation differs depending on whether the most recent song search was a Tag Search or a Folder Search.

### Touch [] during playback.

The tracks (files) on the disc will be played back in a random sequence. To cancel M.I.X. play, touch [].

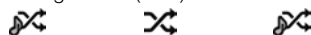
#### Folder Search mode:

M.I.X. Folder\*<sup>1</sup> → (OFF) → M.I.X. Folder\*<sup>1</sup>



#### Tag Search mode:

M.I.X. Songs\*<sup>2</sup> → (OFF) → M.I.X. Songs\*<sup>2</sup>



\*<sup>1</sup> Only files in a folder are played back in random sequence.

\*<sup>2</sup> M.I.X. Songs randomly plays back songs within a selected category (playlist, album, etc.). The songs within the category are played just once until all songs have been played.

- If the M.I.X. mode is activated during Repeat playback, the Repeat Play mode will be cancelled.
- If you select a track by using the search mode, the M.I.X. play mode will be cancelled.

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

This operation is available only if the most recent song search was a Tag Search.

### 1 Touch [] (Search)] of Bottom banner during playback.


The search mode is activated.

### 2 Touch [Music].

The category name list screen is displayed.

### 3 Touch [Shuffle All] during playback.

The tracks (files) on the disc will be played back in a random sequence.

To cancel M.I.X. play, touch [].

- All songs in the USB memory are played back in random sequence. Any one song does not play back again until all songs have been played back.

## Searching for a Desired Song

INE-W970BT can carry out 2 kinds of searches.

### File/Folder Name Search

#### 1 Touch [] (Search)] of Bottom banner during playback.

#### 2 Touch [Music].

The search mode is activated.

#### 3 Touch [Folders].

The folder name list screen is displayed.

#### Folder Name Search Mode

#### 4 Touch [] of the desired folder.

The first file in the selected folder is played back.




#### File Name Search Mode

#### 4 Touch the desired folder name.

The file name of the selected folder is displayed.

#### 5 Touch the desired file name.

The selected file is played back.

- To return to the previous hierarchy, touch [].
- For details on how to scroll through the list, refer to "Selecting an Item in a List" (page 18).
- After selecting a folder via a Folder name search, touch [] on the main screen to display the folder search screen.
- After selecting a file via a File name search, touch [] on the main screen to display the file search screen.

### Tag Search

By using file tag information and keeping these songs organised in playlists, this unit's search functions will ease song searches in large libraries.

Each music category has its own individual hierarchy. Use the Playlists/Artists/Albums/Songs/Genres/Composers search mode to narrow searches based on the table below.

Hierarchy 1	Hierarchy 2	Hierarchy 3	Hierarchy 4
Playlists	Songs	—	—
Artists	Albums	Songs	—
Albums	Songs	—	—
Songs	—	—	—
Genres	Artists	Albums	Songs
Composers	Albums	Songs	—

For example: Searching by Artist name

The following example explains how an ARTISTS search is performed. Another search mode can be used for the same operation, although the hierarchy differs.



## ■ Searching by artist name

- 1 Touch [**Q**] (**Search**) of Bottom banner during playback.
- 2 Touch [**Music**].  
The search mode screen appears.
- 3 Touch [**Artists**].  
The Artists search screen is displayed.
- 4 Select the desired artist.

### To Play Back the Artist Directly

- 1 Touch [**▶**] of the artist's name.  
All songs of the selected artist are played back.

### To Search for the Album of the Artist

- 1 Touch the selected artist name.  
The Albums search screen of the selected artist is displayed.
- 2 Touch [**▶**] of the desired album's name.  
All songs of the selected album are played back.

### To Search for a Song in the Album of the Artist

- 1 Touch the desired artist's name.  
All albums of the selected artist are displayed.

- 5 Touch the desired album's name.  
All songs of the selected album are displayed.
- 6 Touch the desired song's name.  
The selected song is played back.

- For details on how to scroll through the list, refer to "Selecting an Item in a List" (page 18).
- After selecting a file via a Tag search, touch [**≡**] on the main screen to display the search screen. The hierarchy level you selected last in the search mode is displayed.

## Direct Up/Down Function

This operation is available only if the most recent song search was a Tag Search.

Playlist/Artist/Album/Genre/Composer can be easily changed.  
For example, if you listen to a song from a selected album, the album can be changed.

### **Touch [**◀**] or [**▶**] to select the desired Playlist/Artist/Album/Genre/Composer.**

- If an album is selected from an artist search, the album can be searched.
- For details on icon display, refer to "Direct Up/Down switch icon:" (page 68).
- If search selection mode is not activated, Direct Up/Down Function is not possible.
- During M.I.X. playback, this operation is not possible.

## Select the Desired Folder (Folder up/down)

This operation is available only if the most recent song search was a Folder/File Search.  
If you listen to a file from a selected folder, the folder can be changed.

### **Touch [**◀**] or [**▶**] to select the folder.**

- During M.I.X. ALL playback, this operation is not possible.

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# iPod/iPhone (Optional)

An iPod/iPhone can be connected to this unit by using the cable KCU-461iV (sold separately). You can connect a video-capable iPod to enjoy video as well as music.

When the INE-W970BT is connected by the above cable, the controls on the iPod are disabled.

- *Internet or telephone functions, etc., of the iPhone or iPod touch are not controllable from the unit, but these functions can be controlled using the iPhone or iPod touch itself.*
- *To watch the video screen of the file in the iPod/iPhone, the parking brake must be engaged.*
- *For automatic transmission vehicles, place the transmission lever in the Park position.*

## About iPod/iPhone models usable with this unit

- The following devices have been tested and shown to work with this unit. Correct function of earlier versions cannot be guaranteed.
  - iPod nano 6th generation 8GB/16GB: Ver.1.1
  - iPod touch 4th generation 8GB/32GB/64GB: Ver.4.3.1
  - iPod touch 3rd generation 32GB/64GB: Ver.4.3.1
  - iPod nano 5th generation(video camera) 8GB/16GB: Ver.1.0.2
  - iPod touch 2nd generation 8GB/16GB/32GB: Ver.4.2.1
  - iPod nano 4th generation(video) 8GB/16GB: Ver.1.0.4
  - iPod nano 3rd generation(video) 4GB/8GB: Ver.1.1.3
- The following devices have been tested and shown to work with this unit. Correct function of earlier versions cannot be guaranteed.
  - iPhone 4S 16GB/32GB/64GB: Ver.6.0.1
  - iPhone 4 16GB/32GB: Ver.4.3.1
  - iPhone 3GS 8GB/16GB/32GB: Ver.4.3.1
  - iPhone 3G 8GB/16GB: Ver.4.2.1
- For clarity in identifying your model of iPod, please see Apple's own document "Identifying iPod models" at <http://support.apple.com/kb/HT1353>.

### **⚠ WARNING**

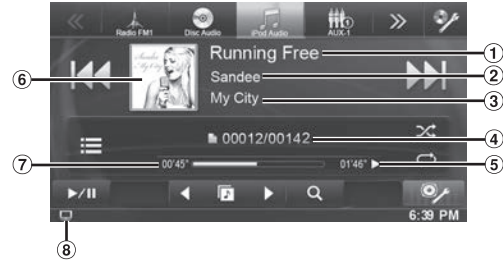
**It is dangerous for the driver to watch video while driving the vehicle. The driver may be distracted from looking ahead and an accident could occur.**

**Install the INE-W970BT correctly so that the driver cannot watch Video unless the vehicle is stopped and the emergency brake is applied.**

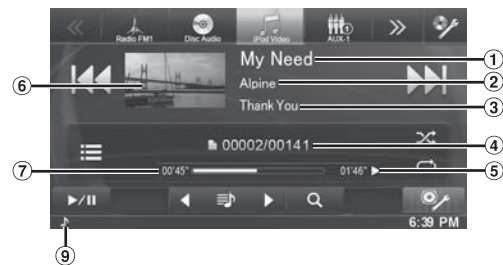
**If the INE-W970BT is not installed correctly, the driver will be able to watch the Video while driving the vehicle and may be distracted from looking ahead causing an accident. The driver or other people could be severely injured.**

## ■ Display example for iPod/iPhone main screen (Info mode)

### Audio mode



### Video mode



- ① Song title/Episode title\*
- ② Artist title/Release Date\*
- ③ Album title/Podcast title\*
- ④ Current song no./Total song no.
- ⑤ Remaining time for playing
- ⑥ Artwork display
- ⑦ Elapsed time
- ⑧ : During audio-only playback of a video file in a Playlist, the Video icon is displayed.
- ⑨ : During audio-only playback of a music file in a video Playlist, the Music icon is displayed.

\* Podcast mode


## The iPod/iPhone operation screen display during video file playback

**Touch the screen while the iPod/iPhone playback screen is displayed.**

The iPod/iPhone operation screen is displayed.

- *The operation screen changes to the visual screen in the iPod mode for 5 seconds after an operation has been performed.*

## Playback

- 1 Press the  (**AUDIO**) button.
- 2 Touch **[iPod (Audio or Video)]** of Top banner.  
The display shows the iPod mode screen.
- 3 Touch **[◀◀] or [▶▶]** or to select the desired track (file).

**Returning to the beginning of the current track (file):**  
Touch **[◀◀]**.

**Fast reverse :**  
Touch and hold **[◀◀]**.

**Advancing to the beginning of the next track (file) :**  
Touch **[▶▶]**.

**Fast forward :**  
Touch and hold **[▶▶]**.

- 4 To pause playback, touch **[▶/||]**.

- If a song is playing on the iPod/iPhone when it is connected to the INE-W970BT, it will continue playing after the connection.
- An episode may have several chapters. The chapter can be changed by touching **[◀◀] or [▶▶]**.
- If the artist, album or song name, created in iTunes, has too many characters, songs may not be played back when connected to the INE-W970BT. Therefore, a maximum of 64 characters is recommended. The maximum number of characters for the unit is 64.
- Some characters may not be correctly displayed.

## Searching for a Music File

An iPod/iPhone can contain thousands of songs. For this reason, this unit can make various searches using the search function as shown below.

Using the Playlist/Artist/Album/Podcast/Audiobook/Genre/Composer/Song search mode's individual hierarchy, you can narrow down your search as shown in the table below.

### <MUSIC Search Menu>

Hierarchy 1	Hierarchy 2	Hierarchy 3	Hierarchy 4
Playlists	Songs	—	—
Artists	Albums	Songs	—
Albums	Songs	—	—
Songs	—	—	—
Podcasts	Episodes	—	—
Genres	Artists	Albums	Songs
Composers	Albums	Songs	—
Audiobooks	—	—	—

### For example: Searching by Artist name

The following example explains how an ARTISTS search is performed. Another search mode can be used for the same operation, although the hierarchy differs.

### ■ Searching by artist name

- 1 Touch **[Q (Search)]** of Bottom banner during playback.
- 2 Touch **[Music]**.  
The search mode screen appears.
- 3 Touch **[Artists]**.  
The Artists search screen is displayed.
- 4 Select the desired artist.

#### To Play Back the Artist Directly

- 1 Touch **[▶]** of the artist's name.  
All songs of the selected artist are played back.

#### To Search for the Album of the Artist

- 1 Touch the selected artist name.  
The Albums search screen of the selected artist is displayed.
- 2 Touch **[▶]** of the desired album's name.  
All songs of the selected album are played back.

#### To Search for a Song in the Album of the Artist

- 1 Touch the desired artist's name.  
All albums of the selected artist are displayed.

- 5 Touch the desired album's name.

All songs of the selected album are displayed.

- 6 Touch the desired song's name.

The selected song is played back.

- Touching **[▶]** of "ALL" will play back all songs in the list.
- Touching "ALL" will display the search list in the next hierarchy.
- An alphabet skip function is available. Refer to "Alphabet Skip Function" (page 68).
- For details on how to scroll through the list, refer to "Selecting an Item in a List" (page 18).

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## Searching for a Desired Video File

You can select a movie, music video, etc., from the list screen.

- *Video search mode depends on the iPod/iPhone. If the specification of the iPod/iPhone is changed, the search mode on this unit will also be changed.*

### Examples for the video search mode

- Video Playlists
- Movies
- Music Videos, etc.

### For example: Searching by Movie

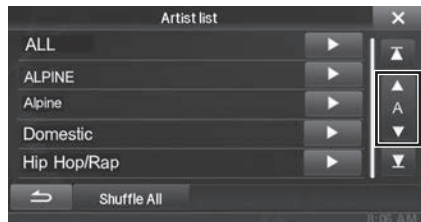
The following example explains how a Movie search is performed. Another search mode can be used for the same operation, although the hierarchy differs.

- 1 Touch [Q (Search)] of Bottom banner during playback.**
- 2 Touch [Video].**  
The Video search mode screen appears.
- 3 Touch [Movies].**  
The Movies search screen is displayed.
- 4 Touch the desired movie.**  
The selected movie is played back.

- *For details on how to scroll through the list, refer to "Selecting an Item in a List" (page 18).*

## Alphabet Skip Function

The unit is provided with an alphabet skip function for effective searching. When you use this function in the search mode, you can quickly search an artist or a song, etc.



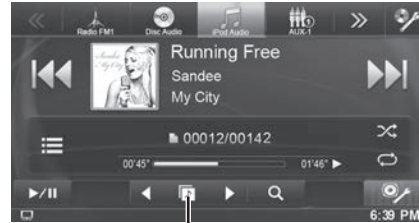
### Alphabet skip function:

The alphabet skip function is skipped to the next alphabet such as from A to B, B to C by touching [ALPHABET ▼]. You can also skip in reverse order such as from B to A by touching [▲ ALPHABET].

## Direct Up/Down Function

If you touch [▶] of the album name in the search mode, this album will be played back repeatedly. To go to the previous or next Album, use the Direct Up/Down Function.

**Touch [◀] or [▶] to select the desired Playlist/Artist/Album/Genre/Podcast/Composer.**



Direct Up/Down switch icon

### Direct Up/Down switch icon:

	Playlist
	Artist
	Album
	Podcast
	Genre
	Composer

- *You can use the Direct Up/Down Function during video file playback. The Direct Up/Down Function switches in the video mode are [◀] [▶].*
- *If you are searching for a song, this operation cannot be performed.*
- *If an album is selected from an artist search, the album can be searched.*
- *During shuffle playback, this operation is not possible.*

## Search Position Memory

During iPod/iPhone playback, you can quickly move back up the selected hierarchy, a level at time.

### Touch [☰]. (ex. [◀ Playlists])

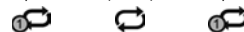
The hierarchy level you selected last in the search mode is displayed. Repeated touches return to each previous level up to the highest.

## Repeat Play

### Touch [↺] to repeatedly play back the currently track.


The tracks (files) will be played repeatedly. Touch [↺] again to deactivate Repeat play.

Repeat → (OFF) → Repeat



## Random Play (Shuffle)

### Touch [] during playback.

The files will be played back in a random sequence.  
The Shuffle mode switches every time [] is touched.

Shuffle Songs → Shuffle Albums → (OFF) → Shuffle Songs



**Shuffle Albums:** The songs on each album are played back in proper order. Upon completing of all the songs on the album, the next album is selected randomly. This continues until all albums have been played.

**Shuffle Songs:** Song shuffle randomly plays back songs within a selected category (playlist, album, etc.). The songs within the category are played just once until all songs have been played.

- For details on the search mode, refer to “Searching for a Music File” (page 67).

## Random Play (Shuffle All)


All files in the iPod are played back in random sequence.

### 1 Touch [] (**Search**) of Bottom banner during playback.

### 2 Touch [**Music**].

The search mode screen appears.

### 3 Touch [**Shuffle All**] of Bottom banner during playback.

The indicator “” lights, and the songs will be played back in random sequence.

- To cancel, set the Shuffle mode to Off. Refer to “Random Play (Shuffle)” (page 69).

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