Clarion®

Owner's manual & Installation manual
Mode d'emploi et manuel d'installation
Manual de instrucciones y de instalación

NX501E
NZ501E

2-DIN DVD MULTIMEDIA STATION WITH BUILT-IN NAVIGATION & 6.2" TOUCH PANEL CONTROL

STATION MULTIMÉDIA DVD 2-DIN AVEC COMMANDE ÉCRAN TACTILE DE 6,2 pouces

ESTACIÓN DVD MULTIMEDIA DOBLE DIN CON PANEL DE CONTROL TÁCTIL DE 6,2 pulgadas

DVD MULTIMEDIA STATION WITH BUILT-IN NAVIGATION & 7" TOUCH PANEL CONTROL

STATION MULTIMÉDIA DVD AVEC COMMANDE ÉCRAN TACTILE DE 7 pouces

ESTACIÓN DVD MULTIMEDIA CON PANEL DE CONTROL TÁCTIL DE 7 pulgadas

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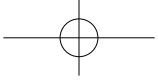

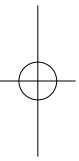
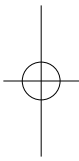
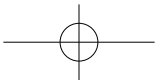

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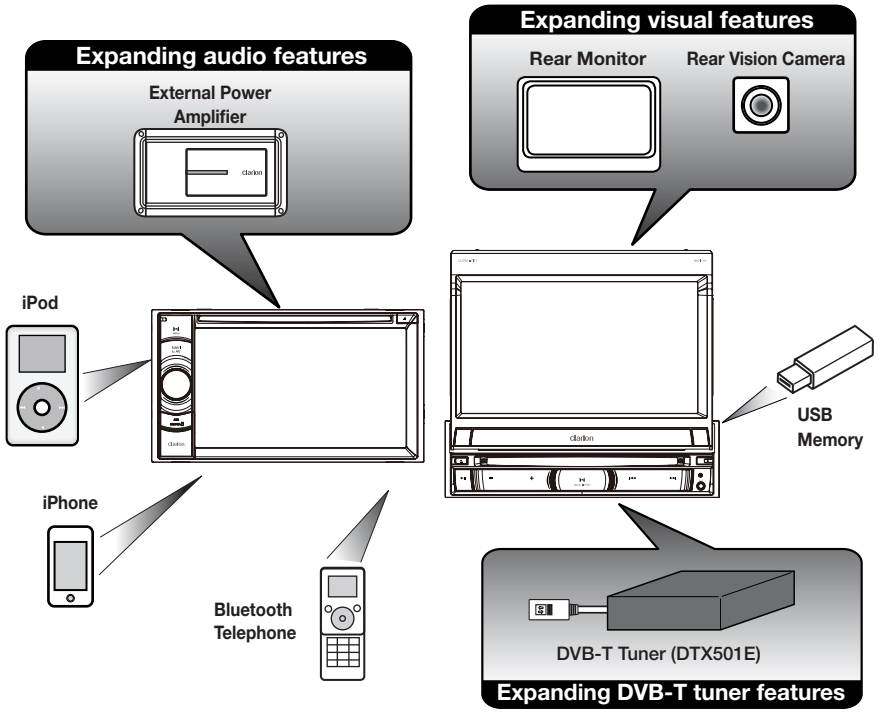
1. FEATURES

- **Double Din 6.2" Touch Panel Control (NX501E)**
- **Motorized 7" Touch Panel Control (NZ501E)**
- **DVD Video/CD-DA/MP3/WMA Playback Capability**
- **Built-In Bluetooth®**
- **OEM Steering Wheel Remote Ready**
- **Compatible with iPod® / iPhone® via USB**

DVD VIDEO · DOLBY DIGITAL · COMPACT disc DIGITAL AUDIO TEXT · Bluetooth® · Parrot move wireless · Made for iPod iPhone · USB · MP3/WMA

Expanding Systems



NOTE:

The items listed outside the frames are the commercial products generally sold.

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2. PRECAUTIONS

⚠ WARNING

- For your safety, the driver should not watch any video sources and/or operate the controls while driving. Please note that watching and operating any video sources while driving are prohibited by law in some countries. Also, while driving, keep the volume to a level at which external sounds can be heard.
- When using the navigation system, follow the precautions listed below. After reading this manual, be sure to keep it in a handy place (such as the glove box of your car).
- This navigation system should not be used to replace your own judgment. No itinerary suggested by this navigation system should ever override any highway regulations, your own judgment, or a knowledge of safe driving practices. Do not follow the navigation system's suggested itinerary if it would cause you to perform a dangerous or illegal act, place you in a dangerous situation, or take you into an area you consider unsafe.
- The advice provided by the navigation system is to be regarded as a suggestion only. There may be times when the navigation system displays the vehicle's location incorrectly, fails to suggest the shortest route, or fails to direct you to your desired destination. In such instances, rely on your own driving judgment, taking into account the driving conditions at the time.
- Do not use the navigation system to locate emergency services. The database does not contain a complete listing of emergency services such as police stations, fire halls, hospitals and walk-in clinics. Please show discretion and ask for directions in such instances.
- As the driver, you alone are responsible for your driving safety.
  - In order to avoid a traffic accident, do not operate the system while driving.
  - In order to avoid a traffic accident, operate the system only when the vehicle is stopped at a safe place and the parking brake is on.
  - In order to avoid a traffic accident or traffic offense, remember that actual road conditions and traffic regulations take precedence over the information contained on the navigation system.
  - The software may contain inaccurate or incomplete information due to the passage of time, changing circumstances, and the sources of information used. Please respect current traffic conditions and regulations at all times while driving.
  - Where actual road conditions and highway regulations differ from the information contained on the navigation system, abide by the highway regulations.
  - Keep the amount of time spent viewing the screen while driving to a strict minimum.
- The navigation system does not provide, nor represent in any way information on: traffic and highway regulations; technical aspects of the vehicle including weight, height, width, load and speed limits; road conditions including grade, percentage of incline and surface conditions; obstacles such as the height and width of bridges and tunnels; and other current driving or road conditions. Always rely on your own judgment when driving a car, taking into account current driving conditions.
- Do not disassemble or modify this unit. It may cause an accident, fire, or electric shock.
- Do not use this unit when a trouble exists, such as no screen content appears or no sound is audible. It may cause an accident, fire, or electric shock. For that case, consult your authorized dealer or a nearest Clarion service center.
- In case of a problem, such as any material has been entered in the unit, the unit gets wet, or smoke or strange smells come out of the unit, etc., stop using this unit immediately, and consult your authorized dealer or a nearest Clarion service center.

  Using it in that condition may cause an accident, fire, or electric shock.
- Use a fuse with the same specification only when replacing the fuse.

  Using a fuse with a different specification may causes a fire.
- For the installation of this unit or a change in the installation, ask your authorized dealer or a nearest Clarion service center for safety. Professional skills and experiences are required to do so.

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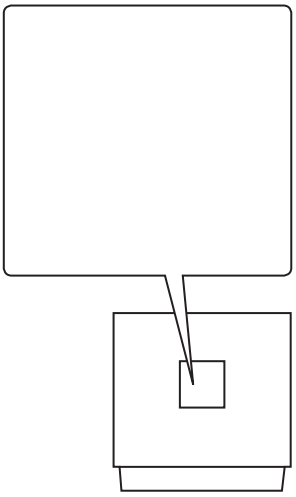
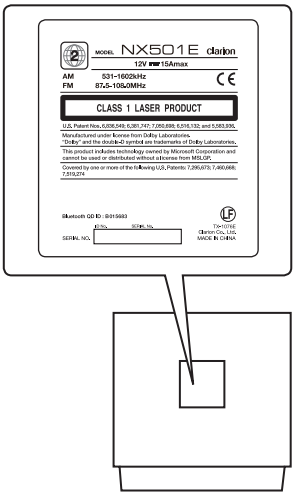
1.When the inside of the car is very cold and the player is used soon after switching on the heater, moisture may form on the disc (DVD/CD) or the optical parts of the player and proper playback may not be possible. If moisture forms on the disc (DVD/CD), wipe it off with a soft cloth. If moisture forms on the optical parts of the player, do not use the player for about one hour. The condensation will disappear naturally allowing normal operation.



2.Driving on extremely bumpy roads which cause severe vibration may cause the sound to skip.

3.This unit uses a precision mechanism. Even in the event that trouble arises, never open the case, disassemble the unit, or lubricate the rotating parts.



CAUTIONS:

This appliance contains a laser system and is classified as a "CLASS 1 LASER PRODUCT". To use this model properly, read this owner's Manual carefully and keep this manual for your future reference. In case of any trouble with this player, please contact your nearest "AUTHORIZED service station". To prevent direct exposure to the laser beam, do not try to open the enclosure.

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.

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3. CAUTIONS ON HANDLING

Operation Panel

For a longer service life, be sure to read the following cautions.

- The operation panel will operate properly in a temperature range of 0˚ to 60˚ C.
- Do not allow any liquids on the set from drinks, umbrellas etc. Doing so may damage the internal circuitry.
- Do not disassemble or modify the set in any way. Doing so may result in damage.
- Subjecting the operation panel to shocks may result in breakage, deformation or other damage.
- Do not let cigarettes burn the display.
- If a problem should occur, have the set inspected at your store of purchase.
- Do not insert objects or poke in the space between the operation panel and the main unit when the panel is tilted.
- The remote control unit may not work if the remote control sensor is exposed to direct sunlight.
- In extremely cold weather, the display movement may slow down and the display may darken, but this is not a malfunction. The display will work normally when the e temperature increases.
- Small black and shiny spots inside the liquid crystal panel are normal for LCD products.

USB Port

- The USB memory stick may stick out when inserted, so it may cause danger during driving. In such cases, you can use a commercial USB extension cable, etc., but use it safely under your own judgment.
- The USB memory sticks must be recognized as “USB mass storage class” to work properly. Some models may not operate correctly.

  When the memorized data is lost or damaged by any chance, Clarion shall not be liable for any damage.

  When using an USB memory stick, we recommend that you backup your data stored on it before by using a personal computer etc.
- Data files may be broken when using USB memory sticks in the following situation:

  When disconnecting the USB memory stick or turning the power off during writing or reading data.

  When affected by static electricity or electric noise.

  Connect/disconnect the USB memory stick when it is not accessed.
- Some USB memory sticks cannot be inserted to the main unit because of their shape. In such cases, use a commercial USB extension cable to connect them.
- Connecting with the computer is not covered.
- Music files (MP3, WMA, etc.) stored in the USB memory stick can be played back.

Cleaning

- **Cleaning the cabinet**

  Use a soft, dry cloth and gently wipe off the dirt. For tough dirt, apply some neutral detergent diluted in water to a soft cloth, wipe off the dirt gently, then wipe again with a dry cloth.

  Do not use benzene, thinner, car cleaner, etc., as these substances may damage the cabinet or cause the paint to peel. Also, leaving rubber or plastic products in contact with the cabinet for long periods of time may cause stains.

- **Cleaning the liquid crystal panel**

  The liquid crystal panel tends to collect dust, so wipe it off occasionally with a soft cloth. The surface is easily scratched, so do not rub it with hard objects.

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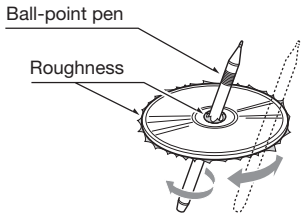
Handling Discs

Handling

- New discs may have some roughness around the edges. If such discs are used, the player may not work or the sound may skip. Use a ball-point pen or the like to remove any roughness from the edge of the disc.



- Never stick labels on the surface of the disc or mark the surface with a pencil or pen.
- Never play a disc with any cellophane tape or other glue on it or with peeling off marks. If you try to play such a disc, you may not be able to get it back out of the DVD player or it may damage the DVD player.
- Do not use discs that have large scratches, are misshapen, cracked, etc. Use of such discs may cause misoperation or damage.
- To remove a disc from its storage case, press down on the center of the case and lift the disc out, holding it carefully by the edges.
- Do not use commercially available disc protection sheets or discs equipped with stabilizers, etc. These may damage the disc or cause breakdown of the internal mechanism.

Storage

- Do not expose discs to direct sunlight or any heat source.
- Do not expose discs to excess humidity or dust.
- Do not expose discs to direct heat from heaters.

Cleaning

- To remove fingermarks and dust, use a soft cloth and wipe in a straight line from the center of the disc to the circumference.
- Do not use any solvents, such as commercially available cleaners, anti-static spray, or thinner to clean discs.
- After using special disc cleaner, let the disc dry off well before playing it.

On Discs

- Exercise a good precaution when loading a disc. The operation panel will close automatically when leaving it open for a while.
- Never turn off the power and remove the unit from the car with a disc loaded.

⚠ CAUTION

For your safety, the driver should not insert or eject a disc, opening the operation panel while driving.

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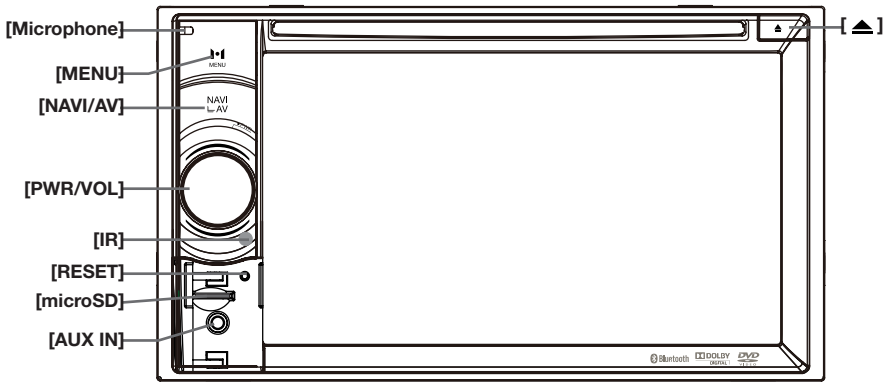
4. PANEL CONTROLS

NX501E Functions of Buttons



Note: *Be sure to read this chapter while referring to front diagram "PANEL CONTROLS".*

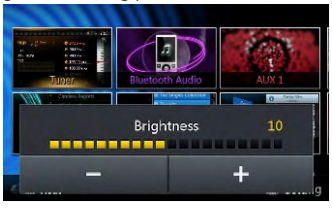
[PWR/VOL] Knob

- Press this key to power on the system in power off mode.

  When the power is already turn on, it moves to the current position by Navigation mode automatically.
- Keep pressing this key more than 2 second to turn off the system when system is in power on mode.
- Rotate the knob to increase or decrease the volume.

[NAVI/AV] Button

- Press this button to enter navigation mode; press again to return current source.
- Press and hold this button for 3 seconds to display the brightness setting panel.



[⏏]Eject

- Press to eject disc from unit.

[MENU] Button

- Press this button to display main menu, press again to return current source.
- Press and hold this button for 3 seconds to turn off the monitor. Press any place of the screen to turn on the monitor again.

[RESET] Button

- Press this button to hardware reset the unit.

Note: *When the* ***[RESET]*** *button is pressed, frequencies of radio stations, titles, etc. stored in memory are cleared.*

[microSD]

- Insert a microSD in this.

Note: *The microSD card is only for navigation. Please don't remove it, otherwise, the navigation function will be disabled.*

[AUX IN]

AUX 1 Connector.

[Microphone]

- Internal microphone for use during Bluetooth phone calls. Sensitivity can be adjusted from the Settings menu.

[IR] SENSOR

- Receiver for the remote control unit (operating range: 30 degree in all directions).

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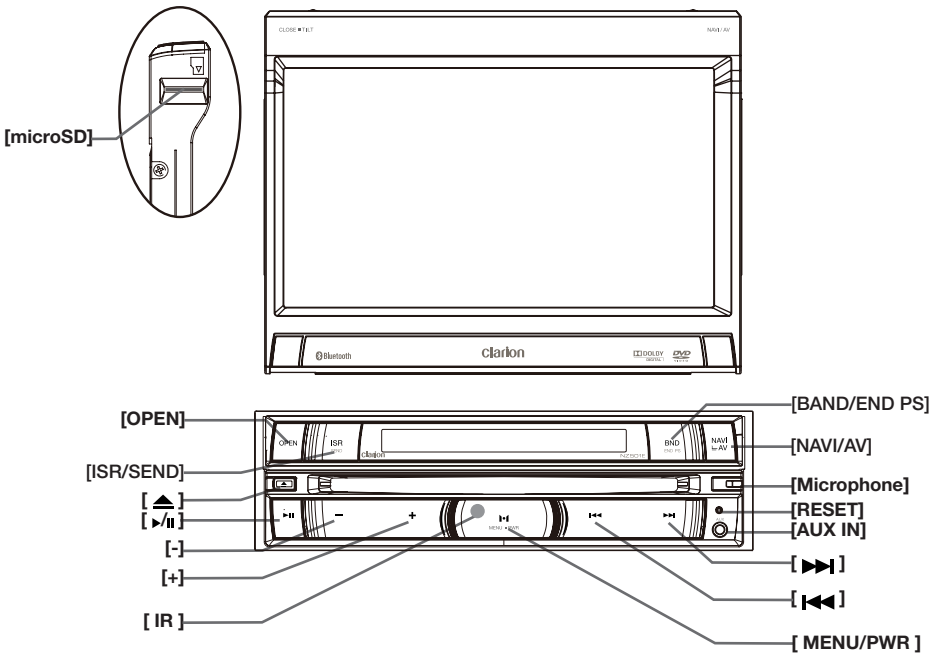
NZ501E Functions of Buttons



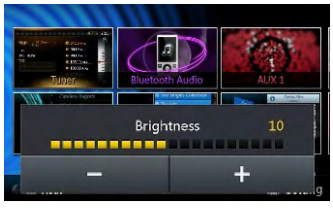
Note: *Be sure to read this chapter while referring to front diagram "PANEL CONTROLS".*

[MENU/PWR] Key

- Press this key to power on the system in power off mode.
- Keep pressing this key more than 2 second to turn off the system when system is in power on mode.
- Press this button to display main menu, press again to return current source when system is in power on mode.

[NAVI/AV] Button

- Press this button to enter navigation mode; press again to return current source.
- Press and hold this button for 3 seconds to display the brightness setting panel.



[⏏]Eject

- Press to eject disc from unit.

[Microphone]

- Internal microphone for use during Bluetooth phone calls. Sensitivity can be adjusted from the Settings menu.

[RESET] Button

- Press this button to hardware reset the unit.

Note: *When the* ***[RESET]*** *button is pressed, frequencies of radio stations, titles, etc. stored in memory are cleared.*

[microSD]

- Insert a microSD in this.

Note: *The microSD card is only for navigation. Please don't remove it, otherwise, the navigation function will be disabled.*

[AUX IN]

AUX 1 Connector.

[|◀◀ , ▶▶|] Buttons

- Press to search previous or next station or channel in Tuner modes.

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- Press to search previous or next track or chapter in CD, MP3/WMA, iPod and DVD video modes.
- Press and hold to fast forward or fast backward by 2x, 4x, 8x or 16x step in CD, MP3 /WMA and DVD video mode.
- Press and hold to fast forward or fast backward in iPod music.
- Press and hold to enter manual seek status in Tuner mode, then press briefly to seek station by step.

[▶II] Button

- Press to play, pause or scan audio or video.
- Press shortly to scan.
- Press and hold one time Audio or video file will be paused, if then press briefly, file will be resumed to play.

[+][-] Buttons

- Press to Increase and decrease volume.

[OPEN] Button

- Use this button to open/close TFT panel.

[MENU/PWR] Button

- Press this button to display main menu, press again to return current source.
- Press this button to turn on the power.
- Keep pressing this knob more than 2 second to turn off the power

[BAND/END PS] Button

- Press this button to enter AM/FM tuner mode from any source.
- Once in AM/FM tuner mode, you can press it to change bands between FM1, FM2, FM3, AM bands.
- Press to stop Preset Scan.

[ISR/SEND] Button

ISR Function:

When in tuner mode, press and hold this button for 3 seconds to save current station and band to ISR memory, and at the same time, the tuner will enter ISR mode with current station.

Note:

In ISR mode, the tuning operation is disabled. Press this button again to quit ISR mode.

When in the other mode but not tuner mode, press this key will go to ISR memory station directly, it likes a shortcut. Press this key again to go back to previous mode.

SEND Function:

Only be available when there is a coming call. Press this key to accept the coming call or end a call.

[IR] SENSOR

- Receiver for the remote control unit (operating range: 30 degree in all directions).

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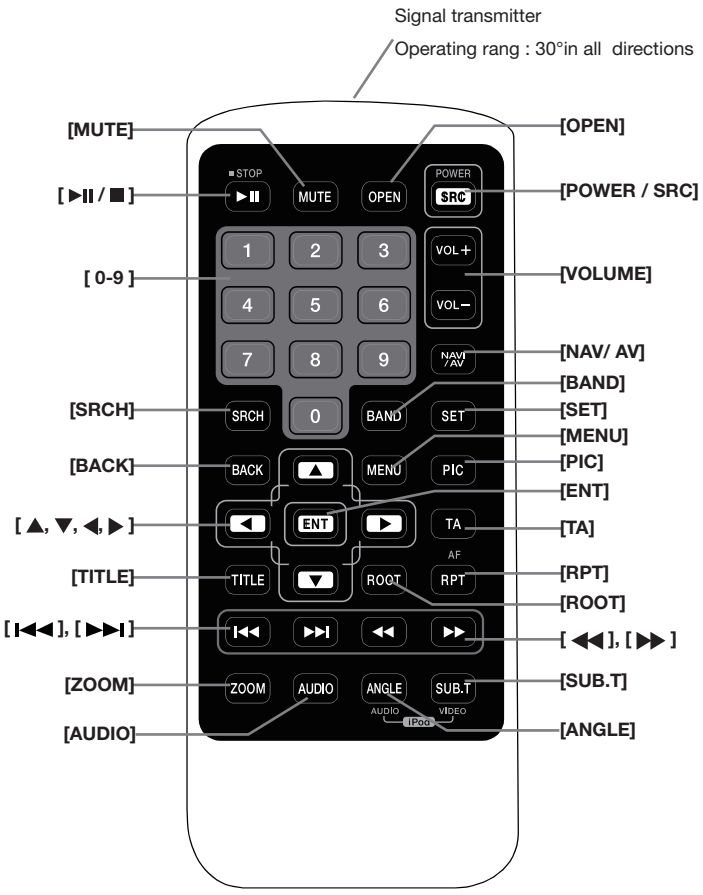
5. REMOTE CONTROL



Replacing the batteries

1.Press the retention tab and pull out the battery tray and remove the old battery.

2. Insert the new CR2025 battery and slide the battery tray back in the remote control the same direction that you removed it. Please ensure the tray is inserted in the correct direction.

Note:

Using batteries improperly can cause them to explode. Take note of the following points:

- When replacing batteries, replace both batteries with new ones.
- Do not short-circuit, disassemble or heat batteries.
- Do not dispose of batteries into fire or flames.
- Dispose of spent batteries properly.

⚠ WARNING

Lithium (CR) battery contain Perchlorate
Dispose of discharged batteries properly.

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Functions of Remote Control Buttons

You can use the remote control unit to control the NX501E and NZ501E.

Note:

• *The wireless remote control operation may not be optimal in direct sunlight.*

[▶II / ■] Button

• Press this button to play or pause video and audio media.

• Press this button more than 1 second to stop video and audio media.

[MUTE] Button

• Mute or Unmute the speaker.

• The symbol on upper right area of the screen indicates that speaker is muted.

[POWER/SRC] Button

• Press this button to move the focus to next available source item on main menu.

• Press this button to power on when the unit is power off.

• Press this button more than 1 second to power off when the unit is power on.

[0 - 9] Buttons

• Use in the Key Pad screen to select the radio or DVB-T channels.

• Use to select the track in the track list screen.

• Press to enter DVD video chapters/titles in the Key Pad screen.

[VOLUME] Buttons

• Increase and decrease volume.

[NAVI/AV] Button

• Press this button to switch between current source and current position on navigation map.

[SRCH] Button

• Press this button to open chapter or title search window while playing DVD.

[BAND] button

• Switch to next band alternately.

[SET] Button

• Press this button to open the Audio setting menu in any mode.

[BACK] Button

• Press this button to quit main menu if current screen is main menu.

[▲], [▼], [◀], [▶] Buttons

• Press this button for cursor movement in main menu or Setting mode.

• From the main menu, you can select your desired source or change your settings.

[MENU] Button

• Press this button to enter the MAIN MENU or return current resource.

[PIC] Button

• Press this button to change your monitor brightness.

[ENT] Button

• Press to fix the entered data in the Key Pad screen or enter the item the cursor is on.

[TA] Button

• Press to TA On/Off.

[TITLE] Button

• Press to go to the title menu on the DVD.

[ROOT] Button

• Press to go to the root menu on the DVD.

[RPT] Button

• Press to perform chapter repeat / title repeat / repeat off while playing DVD mode.

• Press to perform track repeat/repeat off while playing CD.

• Press to perform repeat track /repeat folder/ repeat off while playing MP3/WMA, or video files on disc.

• Press to perform repeat track /repeat folder/ repeat off while playing MP3/WMA, or video files in USB memory.

• Press for AF On/Off.

[◀◀I], [I▶▶] Buttons

• Press to seek the next available higher or lower station in Tuner mode.

• Press to select the next higher or lower chapter number in DVD video mode.

• Press to select the next higher or lower track in DVD Audio, USB Video, USB Audio mode.

• Press for movement of background source in Navigation mode.

[◀◀], [▶▶]Buttons

• Press to manually select the next higher or lower station in Tuner modes.

• Press to perform fast-forward or fast-backward searching. Press again to change the speed to 2x, 4x, 8x or 16x.

• Press for movement of background source in Navigation mode.

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Functions of Remote Control Buttons

[ZOOM] Button

- Press to turn on and zoom in while playing DVD. You can zoom in up to 3x. (No all DVD disc supports this function).

[AUDIO] Button

- Press to switch the AUDIO channel of the disc while playing DVD.

[SUB-T] Button

- Press to switch next available subtitle while playing DVD.
- Press to display Video menu in iPod mode.

[ANGLE] Button

- Press to switch the different ANGLE while playing DVD. (No all DVD disc supports this function)
- Press to display Audio menu in iPod mode.

[OPEN] Button

- Press this button to OPEN or CLOSE the motorized screen. Please ensure there are no obstructions before starting the operation.(NZ501E only)

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6. MAIN MENU OPERATIONS

Front Zone Source

[Tuner]-Press the button to display the Tuner mode.

[Disc Audio]-Press the button to display the Disc Audio mode.

[Bluetooth Audio]-Press the button to display the Bluetooth Audio mode.

[USB Audio]-Press the button to display the USB Audio mode.

[AUX 1]- Press the button to display the AUX 1 mode.

[iPod Audio]-Press the button to display the iPod Audio mode.

[DVB-T]-Press the button to display the DVB-T mode.

[Disc Video]-Press the button to display the Disc Video mode.

[Camera]-Press the button to display the Camera mode.

[USB Video]-Press the button to display the USB Video mode.

[AUX 2]-Press the button to display the AUX 2 mode.

[iPod Video]-Press the button to display the iPod Video mode.

[Navigation]-Press the button to display the Navigation mode.

[Telephone]-Press the button to display the Telephone mode.

[Rear Button]-Press the button to display the rear menu.

[Setting Button]-Press the button to display the setting menu.

Rear Zone Source

[Rear Disc Video]-Press the button to display the Rear Disc Audio mode.

[Rear AUX 1]-Press the button to display the Rear AUX 1 mode

[Rear iPod Video]-Press the button to display the Rear iPod Video mode.

[Rear AUX 2]-Press the button to display the rear AUX 2 mode.

[2-Zone Off]-Press the button to closed the rear activity.

[Front Button]-Press the button to display the front main menu.

[Setting Button]-Press the button to display the setting menu.

Scrolling the menu

Press screen and scrolling to right or left it will switch to next or previous page of mainmenu.

Moving the menu position

1. Press any quadrate icon on mainmenu more than 2 seconds, the icon will float on mainmenu.

2. Scrolling the floating icon to any position you want.

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7. DVD SYSTEM

DVD video is a high-quality digital video source that provides crisp and clear images. One 12 cm disc contains either one film or four hours of music.

DVD Video Features

This unit provides the following functions in addition to the high image quality and sound quality of DVD video.

Note:

- The functions described in this section,for example, the recorded language,subtitles, angles, etc. differ depending on the DVD video disc.

  Refer to the instructions provided with the DVD video.

- Some disc functions may operate differently from described in this manual.

Multi-sound function

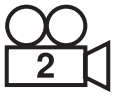
DVD video can store up to 8 languages for one film; select the language of your preference.

- The languages stored on the disc are indicated by the icon shown below.

Multi-angle function

A DVD video that is filmed from multiple angles allows you to select the angle of choice.

- The number of recorded angles are indicated by the icon shown below.



Subpicture (subtitles) function

A DVD video can record subtitles for up to 32 languages and you can select the language of the subtitles you wish to see.

- The number of recorded subtitle languages are indicated by the icon shown below.

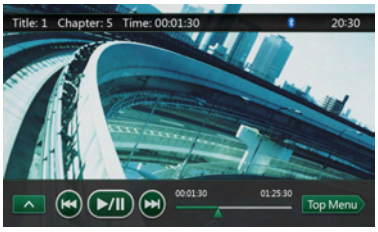
Multi-story function

When a DVD video contains more than one story for a film, you can select the story you wish to enjoy. The operation procedures vary with the disc; observe the instructions for selecting a story provided during playback.

Menu screens

Menu can be called up during DVD video playback to perform menu setting.

- Example showing menu display



Discs

Playable discs

This DVD video player can play the following discs.

Playable discs		
DVD video discs	Audio CDs	CD TEXT

Playable media files
MP3/WMA
MP3/WMA

About CD Extra discs

A CD Extra disc is a disc in which a total of two sessions have been recorded. The first session is Audio session and the second session is Data session.

Your personally-created CDs with more than second data sessions recorded cannot be played on this DVD video player.

Note:

- When you play a CD Extra disc, only the first session will be recognized.

About playing a CD-R/CD-RW disc (MP3, WMA)

This player can play CD-R/CD-RW discs previously recorded in music CD format (MP3, WMA).

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About playing a DVD-R/RW or DVD+R/RW disc

This player cannot play DVD-R/RW and DVD+R/ RW discs previously recorded in video CD format.

However, MP3/WMA files recorded on DVD-R/ RW and DVD+R/RW discs can be played.

Discs that cannot be played back

This DVD video player cannot play back DVD-Audio, DVD-RAM, Photo CDs, etc.

Note:

- It may also not be possible to play back CDs recorded on a CD-R unit and CD-RW unit. (Cause: disc characteristics, cracks, dust/dirt, dust/dirt on player's lens, etc.)
- If a CD-R or CD-RW disc that has not been finalized is played, it will take a long time to start playing. Also, it may not be possible to play depending on its recording conditions.
- You cannot play SuperAudio CDs Playback of the CD player is not supported even if it is a hybrid disc.

About MP3/WMA playback

This unit can play back CD-R/CD-RW, DVD-R/ RW and DVD+R/RW discs on which MP3/WMA music data have been recorded.

For a detailed information, see the section entitled "Listening to MP3/WMA".

Note on region numbers

The DVD video system assigns a region number to DVD video players and DVD discs by sales area. DVD video players sold in the Europe can play back DVD discs with the region number "**ALL**", "**2**" or any combination of numbers that also incorporate a "**2**".

The DVD video region number is marked on the disc jacket as shown below.

About the registered marks, etc.

• This product incorporates copyright protection technology that is protected by U.S. patents and other intellectual property rights. Use of this copyright protection technology must be authorized by Rovi Corporation, and is intended for home and other limited viewing uses only unless otherwise authorized by Rovi Corporation. Reverse engineering or disassembly is prohibited.

• Manufactured under license from Dolby Laboratories."Dolby", "Pro Logic" and the double-D symbol are trademarks of Dolby Laboratories.

• "Made for iPod," and "Made for iPhone" mean that an electronic accessory has been designed to connect specifically to iPod, or iPhone, respectively, and has been certified by the developer to meet Apple performance standards.

Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. Please note that the use of this accessory with iPod or iPhone may affect wireless performance. iPhone and iPod are trademarks of Apple Inc., registered in the U.S. and other countries.

• The Bluetooth® word mark and logos are owned by the Bluetooth® SIG, Inc. and any use of such marks by Clarion Co.,Ltd. is under license. Other trademarks and trade names are those of their respective owners.

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8. DVD VIDEO PLAYER OPERATIONS

Change DVD System Settings

Note: *If the set up operation is performed in the middle of DVD video play, the disc will restart from the beginning.*

Selecting DVD Set Up Menu

1. Press the **[Setting]** button on the Main Menu to access the Video set up menu.

2. Press **[Video]** button. The video menu is displayed.

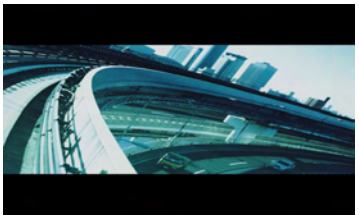
Setting up the Screen Size

Press the **[DVD Wide Screen Mode]** button to turn on or turn off the DVD wide screen mode.

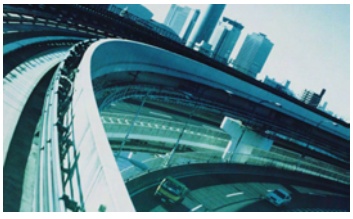
The factory default setting is “On”

Note: *Not all DVD disc supports this function.*

DVD Wide Screen Mode On



DVD Wide Screen Mode Off

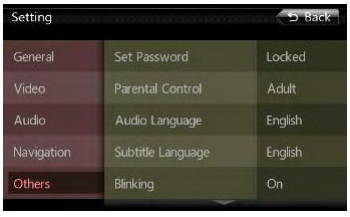


Setting up the password for parental level control

The factory default pass code is “0000”.

1. In Main Menu press **[Setting]** button. Press **[Others]** button on the display. Touch the **[Set Password]** ---- and a numerical key pad will appear.

Input the old password,and touch the **[OK]** key,or input "4356" to reset password.



Input a new password,and touch the **[OK]** key.

Input the same new password again,and touch the **[OK]** key.

Note: *When a disc with view restrictions is inserted, you will be prompted to input this password. The disc will not be viewable until the correct password is entered.*

Set rating for parental level control

1. Select Others screen while in Setting mode. Press **[Parental Control]** button. Press the desired rating for level control. Use this table to set the parental level.

Kid Safe	Kid Safe
G	General Audiences
PG	Parental Guidance Suggested
PG-13	Parents Strongly Cautioned
PG-R	Parental Guidance Restricted
R	Restricted
NC-17	No One 17 And Under Admitted
Adult	Only Adult

• The contents that the parental level restricts vary with the country code.

Note: *The rating can be selected only under the password unlocked status, and the limits can be set only under the password locked status.*

Watching to a disc

1. To load a disc:

Insert the disc into the center of the insertion slot the label side facing up.

⚠ CAUTION

For your safety, the driver should not insert or eject a disc, or operate the controls while driving.

Note:

• *Never insert foreign objects into the disc insertion slot.*

• *If the disc is not inserted easily, there may be another disc in the mechanism or the unit may require service.*

• *8cm (single play) discs cannot be used.*

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2. Disc starts playing automatically.

⚠WARNING

Some videos may be recorded at higher than desired volume levels. Increase the volume gradually from the minimal setting after the video has started.

Ejecting a disc

1. To eject a disc press eject **[⏏]** button. The play mode then switches to the Tuner mode.

If the disc is left in the ejected position for 15 seconds, the disc is automatically reloaded. In this case, the play mode will remain in the Tuner mode.

Note: *If you force a disc into before auto reloading, it may damage a disc.*

Showing DVD Player mode screen

After disc is loaded, the play mode is automatically engaged.

Touch any place of the screen to display DVD Video menu touch the screen again to return the playback screen. The display will return to the playback screen, if you do not touch the screen for 10 seconds.

1 - Next page Buttons

2 - Previous Track /Fast Backward Button

3 - Play/Pause Button

4 - Next Track/Fast Forward Button

5 - Elapsed playing time

6 - Seek bar

7 - Total time

8 - Top Menu Button

9- System time

10- Bluetooth status

11- DVD playback info

12- Previous page Button

13- Repeat switching Button

14- Audio Channel switching Button

15- Subtitle switching Button

16- INFO Button

17- Direct chapter or title searching Button

Operate the DVD Player menu

You can select the button items displayed in the DVD menu by directly touching it.

Play/Pause Playback

1. Touch [⏯] button to pause during playback.

2. Touch [⏯] button again to resume playback.

Skip (Search) a Chapter

1. Press [⏮] or [⏭] button during playback.

Chapters are skipped down or up from current locations, as many times as the button is pressed, and playback starts.

Skip use seek bar

Press the triangle [▲] on seek bar and drag it to any position where you want to start playback.

Fast Forward/Fast Backward

1. Press [⏮] or [⏭] button and hold 2 seconds to start fast backward or fast forward during playback. The playback speed starts at 2x, then will increase to 4x, 8x, and 16x. Release the button will continue playing with normal speed.

2. **[◀◀]** or **[▶▶]** button on remote control can also be used to start fast backward or fast forward during playback.

Note:

- *No audio is reproduced during fast forward and fast backward operation.*
- *The fast forward and fast backward speed may differ depending on the disc.*

Stop Playback

1. Press the [■] button on remote control more than 1 second. Playback is stopped.

2. To resume playback, press the **[▶/❚❚]** button.

Playback resumes from start of the disc.

Search with a Chapter/Title Number

You can locate the beginning of a scene using the chapter numbers or title numbers recorded on the DVD

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Video disc.

1. Showing the DVD Video menu, touch [Direct] button. The Key Pad screen appears with the chapter/Title number input mode.

Touching [Chapter] button turns the Key Pad to the chapter number input mode.

Touching [Title] button turns the Key Pad to the title number input mode.

• **Title**

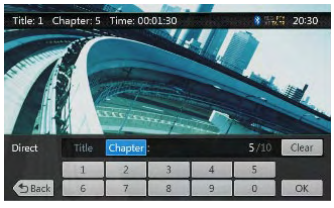
A large segment to divide the data area of the disc.

• **Chapter**

A small segment to divide the data area of the disc.

2. Input the number of the title/chapter that you want to play with the **[0]** to **[9]** key.

3. Touch the [OK] button.



Playback starts from the scene of the input title number or chapter number.

NOTE:

If the input title/chapter number does not exist or searching with a title/chapter number is not allowed, the screen image will not change.

4. Touch [Back] button to close the key pad.

Repeat Playback

This operation plays back chapters recorded on the DVD-Video repeatedly.

1. Showing the DVD Video menu, touch [Repeat] button.

2. Touch [Repeat] button once for Chapter Repeat, again for Title Repeat.

3. Press [Repeat] button again to turn off the repeat playback.

Using the Title Menu

On DVD discs containing two or more titles, you can select from the title menu for playback.

1. Showing the DVD Video menu, touch [Top Menu] button during playback.

The title menu screen appears.

*Depending on the disc, the title menu may not be called.

2. Touch the title menu screen.

3. Select the items in the title menu screen by directional buttons.

*Depending on the disc, items may not be selected with the directional buttons.

4. Touch [OK] button to fix on the selected item.

5. Touch [Back] button.

Switching Audio

On discs in which two or more audios or audio languages have been recorded, you can switch among the audio languages during playback.

1. Showing the DVD Video menu, touch [Audio] button during playback.

• Each time you touch the button, you can switch among audio languages.

• It may take time to switch among audios.

Depending on the disc, up to 8 kinds of audios may be recorded. For details, see the mark of the disc: (8 Indicates that 8 audios have been recorded).

When the power is turned on and when the disc is changed to a new one, the language set as the factory default is selected. If that language has not been recorded on disc the language is specified on the disc.

Depending on the disc, switching may be completely impossible or impossible on some scenes.

Switching Subtitles

On DVD discs in with two or more subtitle languages have been recorded, you can switch among the subtitle languages during playback.

1. Showing the DVD Video menu, touch [Subtitle] button to select a subtitle during playback. Each time you touch the key, you can switch among subtitles.

• It may take time to switch among subtitles.

Depending on the disc, up to 32 kinds of subtitles may be recorded. For details, see the mark of the disc: (8 Indicates that 8 kinds of subtitles have been recorded).

Depending on the disc, switching may be completely impossible or impossible on some scenes.

2. To turn off subtitles, repeat touching [Subtitle] button until subtitles are turned off.

Switching angles

On DVD discs in with video images have been

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recorded in two or more angles, you can switch among the angles during playback.

1. Touch **[Angle]** key on the remote control during playback. Each time you touch the key, you can switch among angles.

- It may take time to switch among angles.
- Depending on the disc, up to 9 angles may be recorded. For details, see the mark of the disc: (Indicates multi-angle).
- Depending on the disc, angles may switch smoothly or switch with a momentary still image.
- Depending on the disc, switching may be completely impossible or impossible on some scenes.
- Depending on the disc, scenes recorded in two or more angles may be played back.

Displaying the playback status

Touch [Info] button on DVD Player mode screen, Playback status is displayed on screen.

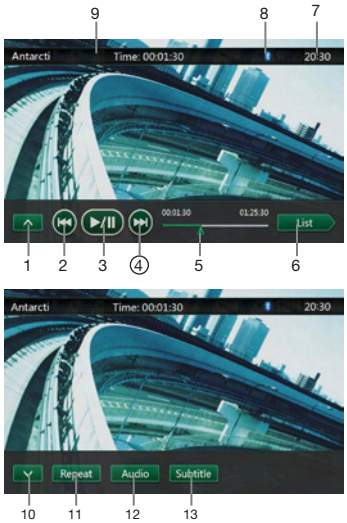
Play disc video files

This system can play video files (MP4, etc) stored on disc.

Showing video files Player mode screen

1. After disc with video files is loaded, touch **[DVD Video]** button on **MAIN MENU** to show video files player mode screen.

2. Touch the screen of the playing video file to display Video files player menu touch the screen again to return the playback screen. The display will return to the playback screen, if you do not touch the screen for 10 seconds.



1 - Next page Button
2 - Previous Track /Fast Backward Button
3 - Play/Pause Button
4 - Next Track/Fast Forward Button
5 - Elapsed playing time /Seek bar
6 - List Mode Button
7 - System time
8 - Bluetooth status
9 - Playback info
10 - Previous Row Buttons
11 - Repeat Button
12 - Audio Button
13 - Subtitle Button

Operate the Video files Player menu

You can select the button items displayed in the Video files player menu by directly touching it.

Play/Pause Playback

1. Touch [▶/II] button to pause during playback.
2. Touch [▶/II] button again to resume playback.

Switch to Previous/next file

1. Press [⏮] or [⏭] button during playback to play previous /next file

Skip using seek bar

Press the triangle on seek bar and drag it to any position where you want to start playback.

Fast Forward /Fast Backward

1. Press [⏮] or [⏭] button and hold 2 seconds to start fast backward or fast forward during playback. The playback speed starts at 2x, then will increase to 4x, 8x, and 16x. Release the button will continue playback with normal speed.

2. **[◀◀]** or **[▶▶]** button on remote control can also be used to start fast backward or fast forward during playback.

Note:

- *No audio is reproduced during fast forward and fast backward operation.*
- *The fast forward and fast backward speed may differ depending on the disc.*

Stop Playback

1. Press the **[■]** button on remote control more than 1 second. Playback is stopped.

2. To resume playback, press the **[▶/II]** button.

Playback resumes from start of the folder which playing track is in.

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Repeat Playback

This operation plays back video files recorded on the disc repeatedly.

The repeat set as the factory default is Repeat Folder.

1. Showing the video files player menu, touch [Repeat] button.

2. Touch [Repeat] button once for Repeat off, again for Repeat Track.

3. Press [Repeat] button again for Repeat Folder.

Switching Audio

Some video files will have two or more audio channels; you can switch among the audio channels during playback.

1. Touch [Audio] button during playback.

   • Each time you touch the button, you can switch among audio languages.

   • It may take time to switch among audios.

   Depending on the disc, switching may be impossible.

Switching Subtitles

Some video files will have two or more subtitles have been recorded; you can switch among these subtitles during playback.

1. Touch the [Subtitle] button to select a subtitle during playback.

• Each time you touch the key, you can switch among subtitles.

• It may take time to switch among subtitles.

Depending on the disc, switching may be impossible.

Video files list

Showing the Video files player menu; touch the [List] button to display video files list screen.

Video files list operations is almost same as Disc Audio player mode. Please refer to DVD Audio Player Operations.

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9. DVD AUDIO PLAYER OPERATIONS

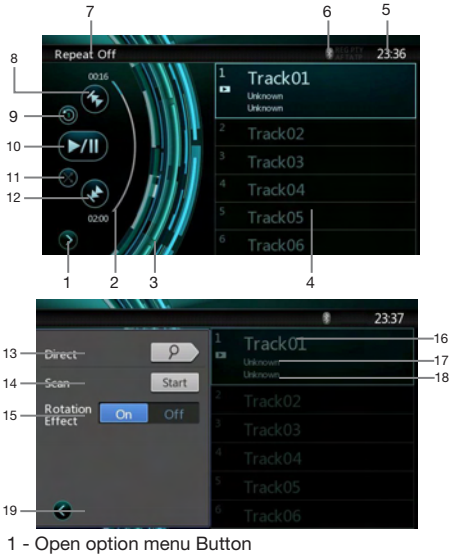
Listening to a disc/Ejecting a disc

Please refer to Disc Video Player Operations -watching to a disc and Ejecting a disc.

Showing CD Player mode screen

1. After disc is loaded, the play mode is automatically engaged.

2. If disc have been loaded you can touch **[Disc Audio]** button on main menu to display CD player mode screen.



1 - Open option menu Button

2 - Elapsed playing time indicator

3 - Rotation effect

4 - Audio files or CD tracks.

5 - System time

6 - Bluetooth status

7 - Play back status

8 - Previous Track /Fast Backward Button

9 - Repeat Button

10 - Play/Pause Button

11 - Shuffle Button

12 - Next Track/Fast Forward Button

13 - Direct Searching Button

14 - Scan Start/Stop Button

15 - Rotation Effect On/Off Button

16 - Song Title

17 - Artist Information

18 - Album Information

19 - Close option menu Button

Operate the CD Player menu

You can select the button items displayed in the CD player menu by directly touching it in list.

Play/Pause Playback

1. Touch [▶/II] button to pause during playback.

2. Touch [▶/II] button again to resume playback.

Switch to Previous/next file or track

Press [⏮] or [⏭] button during playback to play previous /next file.

• Pressing [⏭] button starts playback from the beginning of the next track.

•Pressing [⏮] button starts playback from the beginning of the current track. When this button is pressed again within 5 seconds, playback starts from the beginning of previous track.

Fast Forward /Fast Backward

1. Press [⏮] or [⏭] button and hold more than 2 seconds to start fast backward or fast forward during playback. The playback speed starts at 2x, then will increase to 4x, 8x, and 16x .Release the button will continue playback with normal speed.

2. **[◀◀]** or **[▶▶]** button on remote control can also be used to start fast backward or fast forward during playback.

Note:

- *No audio is reproduced during fast forward and fast backward operation.*
- *The fast forward and fast backward speed may differ depending on the disc.*

Stop Playback

1. Press the **[■]** button on remote control more than 1 second. Playback is stopped.

2. To resume playback, press the **[▶/II]** button.

Playback resumes from start of disc.

Repeat Playback

The repeat set as the factory default is Repeat Track.

Touch the [🔁] button once for Repeat off, again for Repeat Track.

Shuffle Playback

1. Touch [🔀] button to shuffle the tracks during playback.

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2. Touch this button again to turn off the feature.

Selecting a track on the Track List Screen

This function allows you to select tracks from a displayed list.

1. Touch the track title on the display list. The selected track will start playing.

2. When the desired track is not displayed, press and flick the track list up or down.

3. Touch the desired track title key. The corresponding track is started playback.

Scanning the Tracks

1. Touch [ ] button to show **[Scan** Start **]** button.

2. Touch **[Scan** Start **]** button during playback.

• It will play from next track, and each track will display for 10 seconds.

• The **[Scan** Start **]** button will switch to **[Scan** Stop **]** button.

3. Touch **[Scan** Stop **]** button.

• It will continue playback from current track.

• **[Scan** Stop **]** button will switch to **[Scan** Start **]** button.

*The function will scan all tracks orderly in current folder once. After Scan stopped playback will continue.

Searching with the Track Number

This operation allows searching using the track numbers recorded on the CDs.

1. Touch [ ] Button to show [ ] button.

1. Touch [ ] button .The numerical keypad will appear on the screen.

2. Input the track number that you want to play back with **[0]** to **[9]** key.

Playback starts from the track of the input track number.

• If the input track number does not exist or searching with track number is not allowed, the screen image will not change.

• Touch the [Back] button will close the numerical keypad.

• Touch [ ] Button will close the option window and display playback screen.

Rotation Effect On/Off

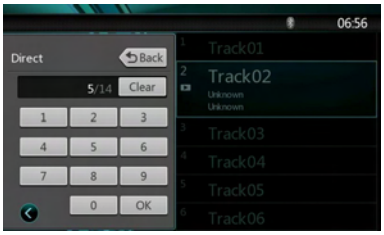
This operation allows turn on/turn off rotation effect.

The factory default is On.

1. Touch [ ] Button to show **[Rotation effect]** button

2. Press button [On] will turn on the Rotation effect.

3. Press button [Off] will turn off the Rotation effect.



Listening To MP3/WMA

This unit is an ID3 Tag compatible model.

This unit supports the ID3 TAGs of the Version 2.4, 2.3, 1.1 and 1.0.

In displaying, this unit gives priority to the Version 2.3 and 2.4 TAGs.

What is MP3/WMA?

MP3 is an audio compression method and classified into audio layer 3 of MPEG standards.

WMA is an audio compression method developed by Microsoft Corporation.

These audio compression methods have penetrated into PC users and become a standard format.

These features compress the original audio data to about 10 percent of its initial size with a high sound quality. This means that about 10 music CDs can be recorded on a CD-R disc or CD-RW disc to allow a long listening time without having to change CDs.

Note: *Some CDs recorded on CD-R/RW mode may not be usable.*

Displaying MP3/WMA TAG titles

Tag information such as title, artist and album title can be displayed for MP3/WMA file containing Tag information.

Precautions when creating MP3 disc

• File extensions

1. Always add a file extension “.MP3” or “.mp3” to an MP3 file, and “.WMA” or “.wma” to a WMA file by using single byte letters. If you add a file extension other than specified or forget to add these file extension, the file cannot be played. In addition, if you use upper case and lower case letters (capital and small letters) mixed for file extensions, normal play may not be possible.

2. Files other than MP3/WMA data cannot be played.

Playing files with a format not supported will be skipped, and the scan, random and repeat playback mode may be canceled.

• File and Disc Not Supported

Files and discs with following extensions are not supported: *.AAC, *.DLF, *.M3U, *.PLS, *.MP3 PRO

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files, files with DRM, open session discs.

• **Logical format (File system)**

1. When writing an MP3/WMA file on a disc, please select “ISO9660 level 1 or level 2(without including expansion format)” as the writing software format. Normal playback may not be possible if the disc is recorded on another format.

2. The folder name and file name can be displayed as the title during MP3/WMA play but the title must be within 31 single byte alphabetical letters and numerals for the folder name and file name (including an extension). Entering more letters or numerals than specified may cause an incorrect display.

• **Entering File and Folder Names**

Names using the code list characters are the only file names and folder names that can be entered and displayed. Using any other character will cause the file and folder names to be displayed incorrectly.

• **Electronic Shock Protection**

10 seconds for CD-DA (CDA)

45 seconds for MP3 recorded at 44.1 kHz, 128 kbps

90 seconds for WMA recorded at 44.1 kHz, 128 kbps

• **Folder structure**

1. A disc with a folder having more than 8 hierarchical levels will conflict with the ISO9660 and playback will be impossible.

• **Number of files or folders**

1. The maximum allowable number of folders is 255 (including root directory); the maximum allowable number of files is 512 (max. 255 per folder). This represents the maximum number of tracks that can be played back.

2. Tracks are played in the order that they were recorded onto a disc. (Tracks might not always be played in the order displayed on the PC).

• Some noise may occur depending on the type of encoder software used while recording.

• In case of a track recorded at VBR (variable bit rate), the display for the play time of the track may be slightly different from the actual play time. Also, the recommended value of VBR ranges from 32 kbps to 320 kbps.

• After disc selection, the play mode is automatically engaged.

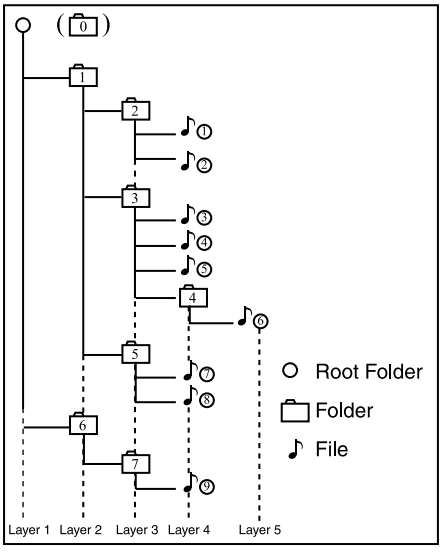
Playing MP3 folders

When selected for play, files and folders (Folder Search, File Search or Folder Select) are accessed in the order in which they were written to the media. As a result, the order in which they are expected to be played may not match the order in which they are actually played.

You may be able to set the order in which MP3/WMA files are to be played by assigning file names beginning with play sequence numbers such as “01” to “99”.

For example, a medium with the following folder/ file hierarchy is subject to Folder Search, File Search or Folder Select.

See the diagram below.



The player will only recognize three folder levels and does not display folders containing other folders. In the example above, the unit will display folders 2,3, 5 and 7, but 1 and 6 since they do not contain others.

Playback MP3/WMA menu

1. Repeat Playback

While playing MP3/WMA touch button can switch between Repeat Track Repeat Folder and Repeat Off.

2. Folder

Touch the folder title on the display list, the file list will display files and folders in selected folder.

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3. Current Folder

• Showing title of current folder.

• The number on the folder symbol is the number of files and folders number in current folder.

• Touch the title of current folder, play list will show files and folders in upper folder.

Stop Playback

1. Press the **[■]** button on remote control more than 1 second. Playback is stopped.

2. To resume playback, press the **[▶/❚❚]** button.

Playback resumes from start of the folder which playing track is in.

Other operations about playing MP3/WMA are almost same as CD Player mode.

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10. USB AUDIO OPERATIONS

This system can play audio files (MP3/WMA) stored in an USB memory which is recognized as “USB Mass Storage Class device”. You can use your USB memory as an audio device by simply copying desired audio files into it.

Note:

- *This system will not operate or may operate improperly with some USB memory.*
- *Files protected with any DRM cannot be played.*

Notes on using USB memories

General notes

- When no support files, the file list display nothing.

Notes on the MP3/WMA files

- This system can play the MP3/WMA files stored in the USB memory.
- Set the Sampling Frequency to:

  For MP3 files:

  - MPEG1 Layer3: 32, 44.1, or 48 kHz
  - MPEG2 Layer3: 16, 22.05, or 24 kHz
  - MPEG2.5 Layer3: 8, 11.025, or 12 kHz

  For WMA files: 32, 44.1, or 48 kHz
- Set the Bit Rate to:

  For MP3 files:

  - MPEG1 Layer3: 32 to 320 kbps (VBR)
  - MPEG2 Layer3: 16 to 160 kbps (VBR)
  - MPEG2.5 Layer3: 16 to 160 kbps (VBR)

  For WMA files: 32, 48, 64, 80, 96, 128, 160, or 192 kbps
- Add the following file extension using single byte characters:
  - For MP3 files: “.MP3” or “.mp3”
  - For WMA files: “.WMA” or “.Wma”

Notes on the folder structure

- The folder hierarchy must be within 8 hierarchical levels. Otherwise, playback may be impossible.
- The maximum allowable number of folders is 512 (including root directory and folders with no MP3/WMA file).
- The maximum allowable number of files in a folder is 255.
- You can store the MP3 files, WMA files together in a folder.
- The system may become slow if the files or folders exceed the limitation above.

Notes on the Tag titles

The limitations on the Tag titles are same as those in DVD Audio Player mode.

Select USB Audio mode

Connect your USB memory with MP3/WMA files to the USB connector. The system will automatically detect the connected device, and the **[USB Audio]** button on main menu will be enabled.

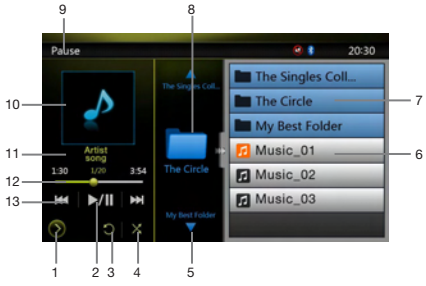
- When an USB memory is already connected

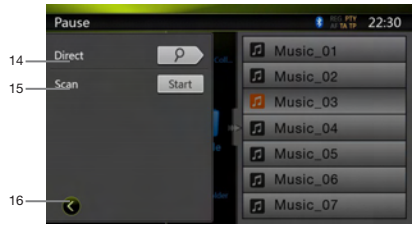
Touch **[USB Audio]** button to select the USB Audio mode.

The system changes to the USB Audio mode and starts playback from the previous position or from the beginning.

NOTE:

If you reconnect the same device that you disconnected last, the system will play back where it left off.





1 -Open option menu Button

2- Play/Pause Button

3- Repeat Button

4- Shuffle Button

5- Next Track/Fast Forward Button

6- MP3/WMA files in list

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7- Folders in list

8- Folders browse control

9- Playback status info

10- Album Art

11-Current ID3 info area

12- Elapsed playing time indicator/Seek bar

13- Previous Track /Fast Backward Button

14- Direct Button

15- Scan Button

16- Close option menu Button

Playing MP3/WMA files in USB memory

Play/Pause Playback

1. Touch [▶/II] button to pause during playback.

2. Touch [▶/II] button again to resume playback.

Switch to Previous/next file

Press [⏮] or [⏭] button during playback to play previous /next file.

• Pressing [⏭] button starts playback from the beginning of the next track.

• Pressing [⏮] button starts playback from the beginning of the current track; when this button is pressed again within about 5 seconds, playback starts from the beginning of previous track.

Fast Forward /Fast Backward

1. Press [⏮] or [⏭] button and hold more than 2 seconds to start fast backward or fast forward during playback. The playback speed starts at 2x, then will increase to 4x, 8x, and 1 6x .Release the button will continue playback with normal speed.

2. **[◀◀]** or **[▶▶]** button on remote control can also be used to start fast backward or fast forward during playback.

Note:

• No audio is reproduced during fast forward and fast backward operation.

• The fast forward and fast backward speed may differ depending on the audio files.

Stop Playback

1. Press the [■] button on remote control more than 1 second. Playback is stopped.

2. To resume playback, press the **[▶/II]** button.

Playback resumes from start of the folder which playing track is in.

Repeat Playback

The repeat set as the factory default is Repeat Folder.

Touch the [🔁] button once for Repeat Track, again for Repeat Folder.

Note: *The repeat in all USB files function is not available.*

Shuffle Playback

1. Touch [🔀] button to shuffle the tracks in playing folder during playback.

2. Touch this button again to turn off the feature.

Album Art work

If current audio file contains album art image in ID3, the picture will be displayed in this area.

ID3 info area

This area display ID3 info of playing file: song title, artist information, album information, number of current file/total number in current folder, elapsed playing time/total time of current file.

Skip use seek bar

Press on seek bar and drag it to any position where you want to start playback.

Select a folder on display list

Touch the folder title on the display list, the display list will display files and folders in selected folder.

Selecting a track on the display List

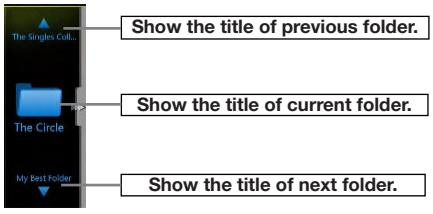
This function allows you to select tracks from a displayed list.

1. Touch the track title on the display list. The selected track will start playing.

2. When the desired track is not displayed, press and flick the track list up or down.

3. Touch the desired track title key. The corresponding track is started playback.

Folders browse control



This area is same as the mouse touch panel of notebook computer. Flick up and down in this area will browse previous or next folder in current folder. Flick left or right will enter this folder or back to the father folder.

Scanning the Tracks

1. Touch [🔍] Button to show **[Scan** Start **]** button.

2. Touch **[Scan** Start **]** button during playback.

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• It will play from next track, and each track will display for 10s.

• The **[Scan** Start **]** button will switch to **[Scan** Stop **]** button.

3. Touch **[Scan** Stop **]** button.

• It will continue playback from current track.

• **[Scan** Stop **]** button will switch to **[Scan** Start **]** button.

*The function will scan all tracks orderly in current folder once .After Scan stopped playback will continue.

Searching with the Track Number

This operation allows searching using the track numbers in playing folder.

1. Touch [ ] Button to show [ ] button.

1. Touch [ ] button .The numerical keypad will appear on the screen.

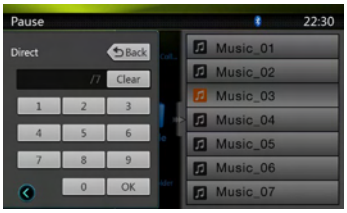
2. Input the track number that you want to play back with **[0]** to **[9]** key.

Playback starts from the track of the input track number.

• If the input track number does not exist or searching with a track number is not allowed, the screen image will not change.

• Touch [Back] button will close the numerical keypad.

• Touch [ ] Button will close the option window and display playback screen.



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11. USB VIDEO OPERATIONS

This system can play USB video files (MP4, etc) stored in an USB memory which is recognized as "USB Mass Storage Class device" You can use your USB memory as an audio device by simply copying desired audio files into it.

Note:

- *This system will not operate or may operate improperly with some USB memory.*
- *Files protected with any DRM cannot be played.*

Notes on using USB memories

General notes

When no support files, the file list display nothing.

Notes on the folder structure

The limitations on the folder structure are same as those in USB Audio Player mode.

Notes on the Tag titles

The limitations on the Tag titles are same as those in DVD Audio Player mode.

Select USB Video mode

Connect your USB memory with video files to the USB connector. The system will automatically detect the connected device, and the **[USB Video]** button on main menu will be enabled.

• When an USB memory is already connected

Touch **[USB Video]** button on main menu to select the USB Video mode.

The system changes to the USB Video mode and starts playback from the previous position or from the beginning.

NOTE: *If you reconnect the same device that you disconnected last, the system will play back where it left off.*

Playing video files in USB memory

If the video is playing, touch the screen of the playing video to display Operation buttons.

* The display will return to the playback screen, if you do not touch the screen for 10 seconds.

1- Previous Track Button

2- Play/Pause Button

3- Next Track Button

4- Elapsed playing time indicator/Seek bar

5- Menu Button (Go to list menu mode)

6- Repeat Button

7- System time

8- Bluetooth status

9- Playback info

Play/Pause Playback

2. Touch [▶/II] button to Pause playback.

3. Touch [▶/II] button to resume playback.

Switch to Previous/next file

Press [⏮] or [⏭] button during playback to play previous /next file.

• Pressing [⏭] button starts playback from the beginning of the next track.

• Pressing [⏮] button starts playback from the beginning of the current track; when this button is pressed again within about 5 seconds, playback starts from the beginning of previous track.

Repeat Playback

* The repeat set as the factory default is Repeat Folder.

Touch the [Repeat] button once for Repeat Track, again for Repeat Folder.

Note: *The repeat in all USB files function is not available.*

Skip use seek bar

Press the ● on seek bar and drag it to any position where you want to start playback.

Switch to USB Video Menu

Press [Menu] button playback will be paused, and the screen will switch to USB Video Menu.

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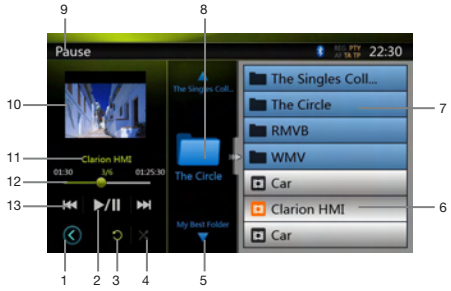
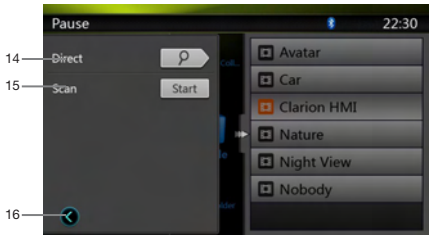
USB Video Menu Operations





1 - Open option menu button

2 - Play/Pause Button

3 - Repeat Button

4 - Shuffle Button

5 - Next Track/Fast Forward Button

6 - Video files in list

7 - Folders in list

8 - Folders area

9 - Playback status info

10 - Album Art

11 - Current file info area

12 - Elapsed playing time indicator/Seek bar

13 - Previous Track /Fast Backward Button

14 - Direct Button

15 - Scan Button

16 - Close option menu button

Play/Pause Playback

On USB Video menu screen, playback status is pause.

Touch [▶/II] button to resume playback. The screen will go to video screen automatically.

Switch to Previous/next file

Press [⏮] or [⏭] button during playback to play previous /next file.

• Pressing [⏭] button starts playback from the beginning of the next track.

• Pressing [⏮] button starts playback from the beginning of the current track; when this button is pressed again within about 5 seconds, playback starts from the beginning of previous track.

Stop Playback

1. Press the [■] button on remote control more than 1 second. Playback is stopped.

2. To resume playback, press the [▶/II] button.

Playback resumes from the first valid media file of the folder.

Repeat Playback

* The repeat set as the factory default is Repeat Folder.

Touch the [🔁] button once for Repeat Track, again for Repeat Folder.

Shuffle Playback

1. Touch [🔀] button to shuffle the tracks in playing folder during playback.

2. Touch this button again to turn off the feature.

Current file info area

This area displays info of current video file: file name, number of current file/total number in current folder, Elapsed playing time/total time of current file.

Skip use seek bar

Press on seek bar and drag it to any position where you want to start playback.

Select a folder on display list

This operation is same as this in USB Audio mode.

Selecting a track on the display List

This operation is same as this in USB Audio mode.

Folders area

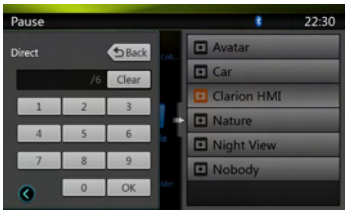
This operation is same as this in USB Audio mode.

Scanning the Tracks

This operation is same as this in USB Audio mode.

Searching with the Track Number

This operation is same as this in USB Audio mode.



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12. iPod/iPhone OPERATIONS

iPod/iPhone can be connected by the special connector cable (CCA-748) separately sold.

Note:

• *This system will not operate or may operate improperly with unsupported versions.*

• *For detailed information on the playable iPod/iPhone models, see our home page:* **www.clarion.com**

Notes on using Apple iPod/iPhone

• Do not connect an iPod/iPhone to this unit with a headphone connected to the iPod/ iPhone.

• After the iPod/iPhone has been connected to this unit, the buttons of iPod buttons are disabled for operation in the Music mode. In the Video mode, do not operate the buttons of iPod.

• When in the iPod mode, a special iPod/iPhone control screen is displayed different from the main screens for other modes.

• When in the iPod mode, the screen image input from the AUX terminal is output to the rear monitor.

• When no data is present, the title display will remain blank.

• The iPod/iPhone is used with the equalizer function turned OFF.

• Set the language setting of iPod/iPhone to English before connecting your iPod/iPhone. Some characters of the other languages may not be displayed correctly in this system.

Precautions on battery consumption:

If the iPod/iPhone is connected to this unit when the internal battery of iPod/iPhone has run down, this function may not operate correctly. You must connect the iPod/iPhone after charging the battery if it has run down.

Selecting the iPod Audio mode

Connect your iPod/iPhone to the USB connector via CCA-748 cable. The system will automatically detect the connected device and the iPod Audio button will be enabled for operation on the Main Menu screen.

The playback starts after a while, from where the iPod/ iPhone has been paused.

• When iPod/iPhone is already connected

Touch the **[iPod Audio]** button on the Main Menu screen. The system changes to the iPod mode, and starts playback from the previous position.

Press **[MENU]** button on Operational Panel to return to the Main Menu.

Controlling the iPod/iPhone

iPod audio mode screen

1.[ ]Settings Button

Displays the Options screen. You can specify play modes and other settings from this screen.

2.[ ]Previous Track Button

3.[ ]Repeat Button

Use to repeat the selected track.

Press once to start a single track repeat. Press again to activate a repeat all. To turn repeat off, press same button again. Repeat symbols are displayed in the info window in the upper left area of the screen.

[ ]: All repeat.

[ ]:1-Track repeat.

[ ]: Repeat off.

4.[ ]Play/Pause Button

Use to control playback and pause.

(1). Touch the key during playback. Playback pauses.

(2). To resume playback touch the key again.

5.[ ]Shuffle Button

Use to switch the shuffle mode on or off. When enabled, this function performs playback of tracks in random order, regardless of the order in which they are recorded.

[ ]: Shuffle Off.

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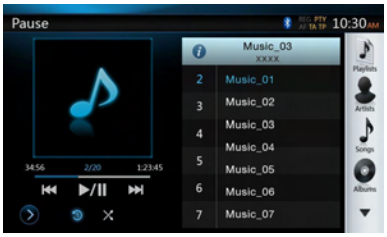
[ ]: Song Shuffle.

6.[ ]Next Track Button

7.ID3 Information

Touch the area of the ID3 Information to display the current play list.

Touch the [ ] icon can return to ID3 information display.



8.Next Page[▼] / Previous Page[▲] Button

9.Category List

Select different category songs to play. The category is same as the iPod/iPhone.

10.[22:30]System Time

11.Bluetooth Status

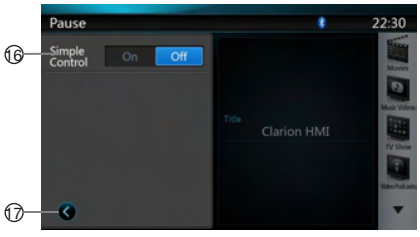
12.MUTE Status

13.Playback Status

14.Art Work

15.Progress bar

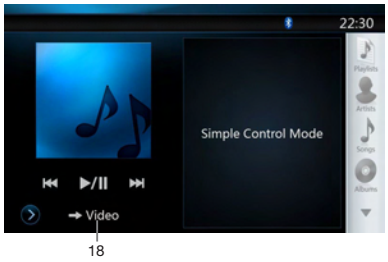
iPod audio settings mode screen



16.Simple Control:

If the Simple Control is set to [On]. The screen will become to Simple Control Mode. It can also display the video of iPod/iPhone regardless it is iPod Audio or iPod Video mode. But only “Previous Track” “Play/Pause” and “Next Track” can be operated.(Refer to 17)

17.[ ]Close the Settings Page



18.Display video of iPod/iPhone.

Follow operation steps to display video of iPod/iPhone in Simple Control Mode.

- Connect the iPod to USB connector via CCA-748 cable.
- Select iPod Audio mode.
- Press the [ ] button on iPod audio mode screen to display Settings page.
- Set the Simple Control to “On”.
- Press Video button.
- Set iPod Video settings TV Out to “ON” in iPod.
- Now play video from iPod
- Video of iPod will display on the screen.
- iPhone and iPod Touch are not supported with video output in Simple Mode.

19.[ ]Previous files

20.[ ]Play or Pause video

21.[ ]Next files

22.Progress bar

The “Progress bar” is not available on this screen.

23.[Menu]Menu:

Press the Menu button can display the Simple Control Mode.

24.[Repeat]Repeat

The “Repeat” Button can’t operate on this screen.

Skipping a track (Simple Control Mode)

Press the [ ] or [ ] button during playback. Tracks are skipped, as many times as the button is pressed,

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and playback starts.

- Pressing the [⏭] button starts playback from the beginning of the next track.
- Pressing the [⏮] button starts playback from the beginning of the current track.

When this button is pressed again within about 2 seconds, playback starts from the beginning of the previous track.

Note: *In Simple Control Mode, the best way is to control the iPod just on iPod.*

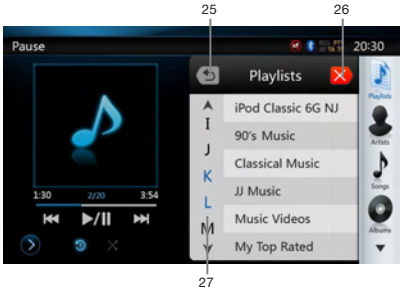
Selecting a list item from a list screen

(1). Touch the list screen and flick up or down to scroll the list.

(2). Touch a desired list item on the screen to display the corresponding list of tracks.

(3). Touch the desired track name on the list to play it.

iPod audio List mode screen



25.Return to the Previous Level Folder

[↩] If the list is in root, press the button can close the list.

26.[✕]Closed the List

27.Search with the first alphabet in current list.

Selecting the iPod Video mode

Connect your iPod/iPhone to the USB connector via CCA-748 cable. The system will automatically detect the connected device and the iPod Video button will be enabled for operation on the Main Menu screen.

• When an iPod/iPhone is already connected

Touch the **[iPod Video]** button on the Main Menu screen. The system changes to the iPod Video mode, and starts playback from the previous position.

Press **[MENU]** button on Operational Panel to return to the Main Menu.

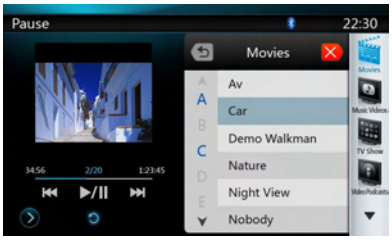
• Viewing video data in the iPod/iPhone (only for the iPod/iPhone with video features)

When you connect an iPod/iPhone with video features by using the optional CCA-748 cable, you can enjoy the video data and slide show data stored in the iPod/iPhone and show them on the display of this unit (and the rear monitor if connected).

• iPod Video ID3 mode screen

Press [⏯] button to display iPod Video play mode screen.

iPod Video List mode screen



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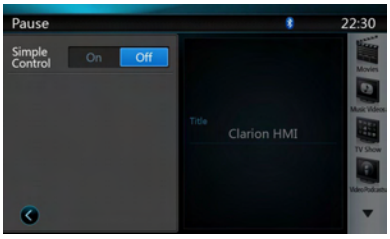
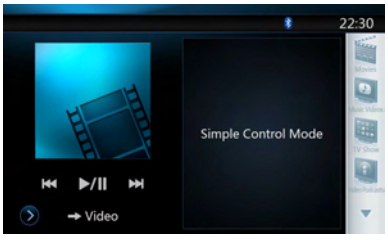
•iPod Video Settings mode screen.



•iPod Video Simple Control Mode Screen



• iPod Video play mode screen.

1. iPod Video Title.
2. Elapsed playing time.
3. [Menu]Menu:

   Press the Menu button can display the iPod Video mode screen.
4. [Repeat]Repeat Button:

   Use to repeat the selected track.

   Press once to start a single track repeat. Press again to activate a repeat all. To turn repeat off, press same button again. Repeat symbols are displayed in the info window in the upper left area of the screen.

   In iPod Video mode screen, there are three repeat icons :

   [ ]: Repeat All.

   [ ]: Repeat 1 Track.

   [ ]: Repeat off.

Note:

The operation keys in iPod video mode are as same as iPod Audio mode. Please refer to the iPod Audio Mode operation key.

Note:

Video playback is not available on all iPod/ iPhone devices. Please contact your Clarion dealer for details. An optional connection cable or accessory may be required for this feature.

Note:

- *"AUDIO ONLY" is displayed when the automobile is moving.*
- *Image data may not be played back according to the status of the iPod/iPhone*
- *The volume setting of video data is relatively lower than audio data. Be sure to lower the volume setting before switching to the other mode.*
- *Do not select the categories with no track registered from the iPod menu screen. The iPod/iPhone may be frozen. If the iPod/iPhone is frozen, reset the iPod/iPhone by following the procedure described in the instruction manual of the iPod/iPhone.*
- *Audio may be played back slightly out of synchronization with video images.*

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13. Bluetooth AUDIO PLAYER OPERATIONS

Some Bluetooth cellular phones have audio features, and some portable audio players support the Bluetooth feature. These devices will be called as "Bluetooth audio players" in this manual. This system can play audio data stored in a Bluetooth audio player.

Note:

•This system will not operate or may operate improperly with some Bluetooth audio players.

• For detailed information on the playable Bluetooth audio players, see our home page: **www.clarion.com**

Selecting the Bluetooth Audio mode

1. Press **[MENU]** button on Operational Panel to return to the Main Menu.

2. Touch the **[Bluetooth Audio]** key to select the Bluetooth Audio mode.

The system changes to the Bluetooth mode. If the connection with a Bluetooth audio player has been already established, you may select the Music function.

• When the connection with a Bluetooth audio player has been established, the [ ] icon is displayed at the top of the screen.

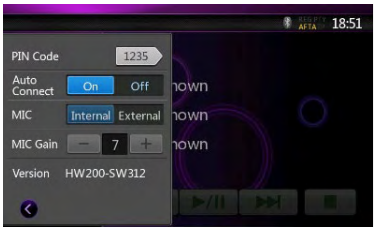
Bluetooth audio player settings

Confirming Bluetooth Information and setting Pass Key

You can confirm various information concerning about the Bluetooth Interface features.

1. Touch the [ ] key to display the information on the screen.

2. When you finish confirming the Bluetooth information, touch the [ ] key to return to the previous screen.



If you want to change the Pin Code setting of this unit, perform the following steps.

• The factory default setting is "1234".

3. Touch the text box of the Pin Code item to display the Ten-Key Pad screen.

4. Enter your desired 4-digit PIN number, and then touch the [OK] key.

Note:

MIC Gain is disabled in Bluetooth Audio mode settings.

Registering your Bluetooth audio player (Pairing)

You can register up to 5 Bluetooth audio players.

1. Turn on the power of the Bluetooth audio player you wish to register.

2. Touch the Device key [ ] to display the Device Select screen.

3. Touch the [ ] key to display the Inquiring Device screen.

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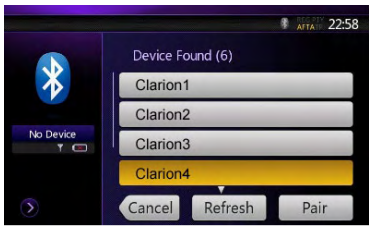
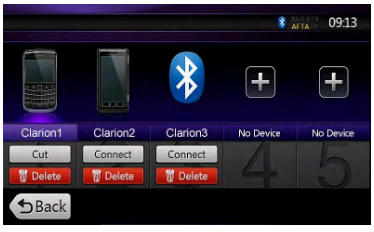


4. Touch your desired Device and press the [Pair] key to register for the Bluetooth audio player..

5. If entering the Pass Key code is prompted on your Bluetooth audio player, enter the Pass Key code set to this unit.

- You can change the Pass key setting of this unit from the BT Info screen.
- You also can add the favorite icon to the connected device. There are 10 favorite icons for selection.



When the pairing operation completes, the registered Bluetooth audio player is set as the current device, after selecting the favorite icon, the display return to the device list screen. Press [Back] button, the display will return to the Bluetooth audio mode screen.

Note:

• You cannot register the same Bluetooth audio player which is already registered.. If you wish to change the Device key registered, once delete the corresponding Bluetooth audio player from the previous Device key, and then register it again to your desired Device key.

• To delete the Bluetooth audio player registration

1. Touch the [Delete] key to delete the device.

A confirmation screen is displayed.

2. Touch the [OK] key to confirm delete.

Selecting the Bluetooth audio player

To change the current Bluetooth audio player to the other device which is already registered, perform the following operation.

1. Touch the Device key to [ ] display the Device Select screen.

2. Touch the currently connected device, then press the [Cut] key to disconnect the active device.

3. Touch the desired Device key you wish to use. Press [Connect] key to select it as your active device. The corresponding cellular phone is set as current telephone.

• If the power of the cellular phone is not turned on, turn it on.

• The cellular phone may prompt to acknowledge the Bluetooth connection or ask to enter the Pass Key code of this unit.

Perform these operations according to the message displayed.

4. Touch the [Back] key to return to the previous screen.

Controlling the Bluetooth audio player

Note:

• Occasionally, depending on the environment, playback sounds may be fragmented, or switch noises may be generated.

Playing a music

After the connection with a Bluetooth audio player is established, the play mode is automatically engaged.

• When playback is not started for some devices, touch the [▶/II] key manually.

Pausing playback

1. Touch the [▶/II] key during playback.

Playback pauses.

2. To resume playback, touch the [▶/II] key. Playback resumes.

Skipping a track (searching)

3. Press the [⏮] or [⏭] button during playback.

Tracks are skipped, as many as the times the button is pressed, and playback starts.

Stopping playback

4. Press the [■] button during playback.

Tracks are stopped, press the [▶/II] button to playback the first Track.

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14. Bluetooth TELEPHONE OPERATIONS

When the connection with your Bluetooth cellular phone is established, the following functions are available on this unit:

• Listening to your telephone calls on the car speakers.

• Answering to an incoming call.

• Making a call using the Ten-Key pad screen.

• Making a call using the Phone Book data in the selected cellular phone.

• Making a call using the History data of the dialed/ received calls.

Note:

- *Some cellular phones may not be able to transfer the Phone Book data to head unit.*
- *The Phone Book data transmission may take a long time. The operations of sending calls are disabled during the data transmission.*
- *You can talk with other party by using the internal microphone. When it is hard to hear for the other party in accordance with the communication condition or the used telephone, please use the optional microphone (RCB-199), and set the Microphone Select setting to "External". The sound will be improved, but noises may still be heard depending on the communication condition.*

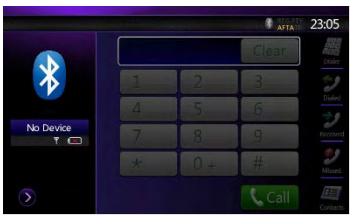
Select the BT Phone mode

1. Press **[MENU]** button on Operational Panel to return to the Main Menu.

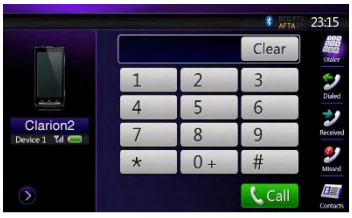
2. Touch the **[Bluetooth Telephone]** key to select the Bluetooth Telephone mode.

The Telephone screen is displayed.

• When no Bluetooth Telephone connected, the icon[ ] is displayed at the top of the screen.



• When the connection with a Bluetooth Telephone has been established, the icon [ ] and signal level indicator are displayed at the top of the screen.



Bluetooth Telephone settings

Confirming Bluetooth Information and setting Pass Key

You can confirm various information concerning the Bluetooth Interface features.

1. Touch the [ ] key to display the information on the screen.

2. Perform setting for the desired item. See the following sections for detail.

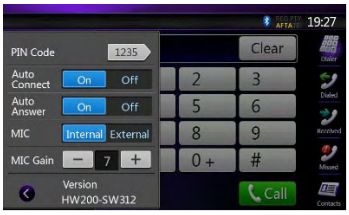
3. When you finish confirming the Bluetooth information, touch the [ ] key to return to the previous screen.

If you want to change the Pass Key setting of this unit, perform the following steps.

1. Touch the text box of the Pass Key item to display the Ten-Key Pad screen.

• The factory default setting is "1234".

2. Enter your desired 4-digit PIN number, and then touch the [OK] key.



Setting Automatic Connection

The system automatically reconnects the cellular phone after the connection is lost or the system is restarted.

• The factory default setting is "OFF". Touch the [On] or [Off] key of the Automatic Connection item to set the function ON or OFF.

Setting Automatic Answer

If a call comes in, answer automatically after 5 seconds.

• The factory default setting is "OFF". Touch the [On] or [Off] key of the Automatic Answer item

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to set the function ON or OFF.

Selecting Microphone

You can select the microphone to be used.

- The factory default setting is “Internal”. Touch the [Internal] or [External] key of the Microphone Select item to set the function.

Setting Microphone Gain

You can adjust the input level of the microphone in 16 levels.

- The factory default setting is “7”.
- Touch the level indicator button of the Microphone Gain item to adjust the input level.

Note:

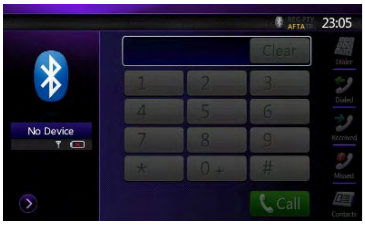
• The input level of the microphone can be affected by its surroundings. Adjust the level if the person on the other end of the telephone has a reception problem.

Register your cellular phone (Pairing)

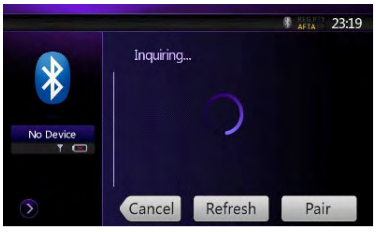
You can register up to 5 cellular phones. The registering method is as same as “Registering your Bluetooth audio player”

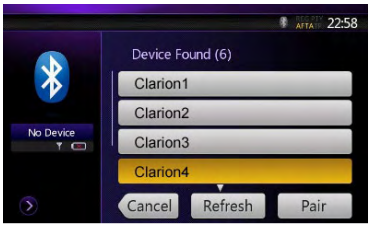
1. Turn on the power of the cellular phone you wish to register.

2. Touch the Device key [ ] to display the Device Select screen.



3. Touch the [ ] key to display the Inquiring Device screen.





4. Touch your desired Cellular key to select the key for the cellular phone to be registered. And press the[Pair] key to register for the Bluetooth audio player.

- You cannot select the Cellular key of which another cellular phone is already registered. Select a blank Cellular key.

5. If entering the Pass Key code is prompted on your cellular phone, enter the Pass Key code set in this unit.

- You can change the Pass key setting of this unit from the BT Info screen under the

  Telephone Settings screen.

- You can also add the favorite icon to the connected device. There are 10 favorite icons for selecting.

  When the pairing operation completes, the registered cellular phone is set as the current telephone, and the display returns to the Telephone screen.

Note:

• You cannot register the same cellular phone which is already registered. If you wish to change the Cellular key registered, once delete the corresponding cellular phone from the current Cellular key, and then register it again to your desired Cellular key.

• To delete the cellular phone registration

1. Touch the [Delete] key to delete the device. A confirmation screen is displayed.

2. Touch the [OK] key to confirm delete.

Select the cellular phone

To change the current cellular phone to the other device which is already registered, perform the following operation.

1. Touch the [ ] key to display the Device Select screen.

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2. Touch the currently connected device, then press [Cut] key to disconnect the active device.

3. Touch the desired Device key you wish to use. Press [Connect] key to select it as your active device. The corresponding cellular phone is set as the current telephone.

• If the power of the cellular phone is not turned on, turn it on.

• The cellular phone may prompt to acknowledge the Bluetooth connection or to enter the Pass Key code of this unit. Perform these operations according to the message displayed.

4. Touch the [Back] key to return to the previous screen.

Obtaining the Phone Book data

Sending the Phone Book data from the cellular phone enables you to make a call using the Phone Book function from this unit.

1. Perform the Object Push transfer operation of the Phone Book data on the current cellular phone.

For details of the operation, see the operation manual of the cellular phone.

Note:

• *Some cellular phones may not be able to transfer the Phone Book data.*

• *Some cellular phones cannot transfer the Phone Book data when the hands-free mode is set or it is also registered in the Bluetooth mode. In those cases, disable these functions from the cellular phone before performing the Object Push transfer.*

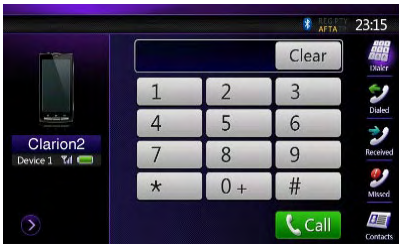
• *Some cellular phones may transfer Phone Book data automatically.*

Telephone operations

Making a call using the Ten-Key pad

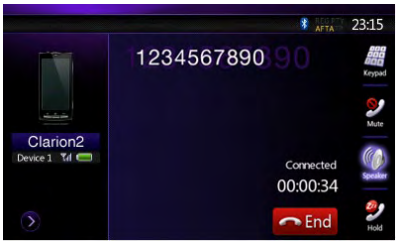
1. Touch the [Dialer] key to display the Ten-Key pad screen.

2. Enter the telephone number by using the Ten-Key pad displayed on the screen.



3. Touch the [Call] (Send) key to call the entered number.

• The following Telephone Interrupt screen is displayed during phone call.



• Touch the [Private] key to talk by using the cellular phone and canceling the hands-free function (Private Mode). To return to the hands-free mode, touch the [Private] key again.

•Touch the [Mute] key to mute the microphone.Now you can hear the other side, but the other side cannot hear your side.

•Touch the [Hold] key to hold the current phone call, now you can answer to the other incoming call. Touch again to talk with previous call

4. When the call is finished, touch [End] key to hang up.

Note:

• *Depending on some special cellular phone, the Telephone Interrupt screen may be closed and the connection with this system may be disconnected when entering the Private mode.*

Making a call using the Phone Book

You can use the Phone Book data obtained from the cellular phone to make a call from this unit.

Note:

• Before using this function, the Phone Book data must be sent from the cellular phone.

• Only the Phone Book items with at least one telephone number registered in the captured Phone Book data are displayed on the Phone Book screen.

1. Touch the [Contacts] key to display the Phone Book screen.

2. Touch the desired Name key you wish to dial.

• Flick the list up and down to scroll the list.

3. Touch the [Call] key to call the specified number. The Telephone Interrupt screen is displayed, and calling starts.

• When the call is finished, touch the [End] key to hang up.

Making a call using the History

The system will memorize the Dialed/Received calls

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record data in the memory. You can confirm it and use it to make a call from this unit.

1. Touch the [ ] key. The History List screen is displayed.

• The items are sorted by Dialed, Missed and Received calls.

• Flick the list up and down to scroll the list.

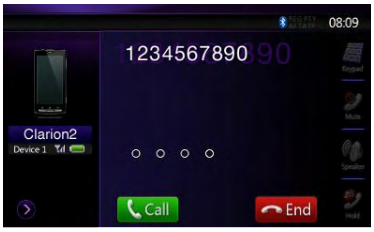
2. Touch the desired History item key you wish to dial.

3. Touch the [Call] key to call the specified number. The Telephone Interrupt screen is displayed, and calling starts.

• When the call is finished, touch the [End] key to hang up.

Answering to an incoming call

When a call comes in, the following Telephone Interrupt screen appears.



You can answer to the incoming call on this system by the following operation.

1. Touch the [Call] key to answer the call.

2. When the call is finished, touch the [End] key to hang up.

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15. RADIO OPERATIONS

Listening to the Radio

1. Touch the **[Tuner]** button on the Main menu display. The tuner mode screen is displayed.

2. Press the **[FM1/2/3/AM]** button or touch the **[Band]** key on remote control to select the radio band. Each time the button is pressed, the radio reception band changes in the following order: FM1->FM2->FM3->AM ->FM1...

1.Preset Scan Button

2.Direct Button

3.Preset List Button

4.Frequencies Display

5.Tune Up

6.Tune Down

7.Band Display

8.LOC/DX Display

9.Bluetooth Display

10.RDS Station Display

11.System Time

Seek Tuning

1. Press the **[FM1/2/3/AM]** button to select the radio band (FM or AM).

2. Touch the [Direct] key, and then flick the BIG Frequency up and down to search for next available station.

• When flick the frequency up, the station is searched in the direction of higher frequency.

• When flick the frequency down, the station is searched in the direction of lower frequency.

Step Tuning

Press the **[FM1/2/3/AM]** button to select the radio band (FM or AM).

2. Touch the [ ] or [ ] key in frequency panel to tune up or down by one step.

Recalling a preset station

Press the **[FM1/2/3/AM]** button to select the desire band (FM or AM) on the tuner.

Touch the [Preset] key, Press the preset station (1 to 6) on preset list.

3. Press the [ ] key, then press the [Start] button to auto search and store the stations.

Manual memory

1. Touch the desired Band key to select the band you wish to store.

2. Tune to a station you want to store using the seek tuning, step tuning, or preset tuning.

3. Touch and hold the desired Preset key you want to store for about 3 seconds.

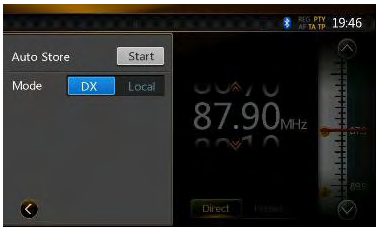
Auto Store

The Auto Store is a function for storing up to 6 stations that are automatically searched in sequentially. If the number of receivable stations cannot reach to 6, the previous stored station remains.

1. Touch the **[FM1/2/3/AM]** key to select the desired band. (FM or AM)

2. Press the [ ] key, and then press the [Start] key to start the Auto Store.

A beep sounds and the stations with good reception are stored automatically to the preset list.



Preset Scan

The Preset Scan receives the stations stored in the preset memory in order. This function is useful when searching for the desired station in memory.

1. Touch the **[FM1/2/3/AM]** key to select the desired band. (FM or AM)

2. Touch the [Preset Scan] key to start the Preset Scan.

The unit starts scanning each station for 10 seconds sequentially. But the station stored is not a valid station; the scanning time is only 2 seconds.

3. When the desired station is tuned in, touch the [Preset Scan] key again to stay in that station.

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LOC/DX Setting

The DX / LOC setting changes the tuner sensitivity in order to separate closely spaced stations. This feature is useful in areas that have many radio stations in close proximity.

1. Touch the [Local] key to switch to LOCAL tuner sensitivity.
2. Touch the [DX] key to switch to DX tuner sensitivity.

16. RDS OPERATIONS

This unit has a built in RDS decoder system that supports broadcast stations transmitting RDS data. This system can display the name of the broadcast station being received (PS), and can automatically switch to the broadcast station with the best reception as you move long distances (AF switching). Also, if a traffic announcement or program type information is broadcast from an RDS station, no matter what mode you are in, this broadcast is received. Additionally, if EON information is received, this information enables automatic renewal of other preset stations on the same network and interruption of traffic announcement and/or chosen program type from other stations (TP). This function is not available in some areas.

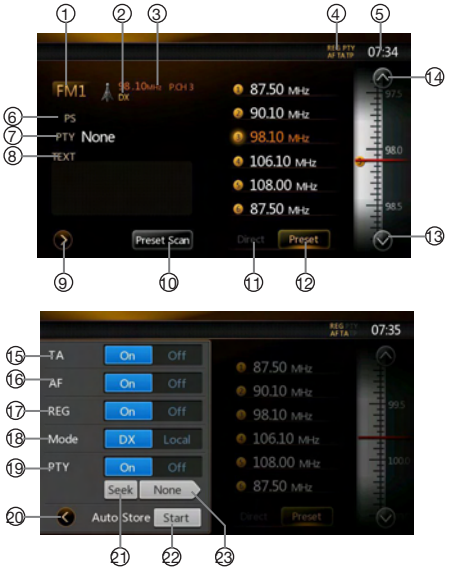
"AF": Alternative Frequency

"PS": Program Service Name

"PTY": Program Type

"TP": Traffic Program

• The RDS interrupt does not function during AM (MW/LW) radio reception.



1. Band Display
2. LOC/DX Display
3. Frequencies Display
4. RDS Station Display
5. Time Display
6. PS Name Display
7. Program Type Display
8. Radio text Display
9. Setting Button
10. Preset Scan Button
11. Direct Button
12. Preset List Button
13. Tune Down
14. Tune Up
15. TA Setting
16. AF Setting
17. REG Setting
18. LOC/DX Mode Setting
19. PTY Setting
20. Return Button
21. PTY Seek
22. Auto Store
23. Program Type Display

AF (Alternative Frequency) function

The AF function switches to a different frequency on the same network in order to maintain optimum reception.

Switching ON/OFF the AF function

1. Touch the [ ] key.
2. Touch the [On] or [Off] key of the AF item to turn the function on or off.

• When the AF function is ON, "AF" will be displayed at the top of the screen.

• If the reception of the current broadcast station

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deteriorates durably, “AF” indication will blink, and this unit searches for the same program on another frequency.

REG (Regional Program) function

When the REG function is ON, the optimum regional station can be received. When this function is OFF, if the regional station area is switched as you drive, a regional station for that region is received.

Note:

• This function is disabled when a national station such as BBC R2 is being received.

• The REG function ON/OFF setting is enabled only when the AF function is ON.

Switching ON/OFF the REG function

1. Touch the [ ] key.

2. Touch the [On] or [Off] key of the REG item to turn the function on or off.

Manually tuning a regional station in the same network

Note:

• This function can be used when a regional broadcast of the same network is received.

• This function is enabled only when the AF function is ON and the REG function is OFF.

1. Touch the **[FM1/2/3/AM]** key to select the band.
2. Touch your desired Preset key to call out a regional station.
3. Each time you touch the same Preset key; this unit switches from a local station to the other on the same network.

TA (Traffic Announcement) function

When a traffic announcement broadcast starts during the TA standby mode, the traffic announcement broadcast is received as top priority regardless of the function mode, so you can listen to it. The Traffic Program (TP) automatic tuning is also available.

Setting TA standby mode

1. Touch the [ ] key.

2. Touch the [On] key of the TA item to set the TA standby mode.

“TA” will be displayed at the top of the screen, and the system will automatically search for a TP station (TP SEEK). When an RDS broadcast station with traffic announcement program is received, **“TP”** will be displayed at the top of the screen.

Note:

• If no TP station is received, this system continues the search operation. Performing the above procedure again makes the “TA” go off, and stops TP station searching.

Canceling a Traffic Announcement broadcast

Touch the **[Cancel]** key while a Traffic Announcement broadcast is being received. The Traffic Announcement broadcast reception is canceled, and the system goes into the TA standby mode.

Canceling TA standby mode

1. When **“TA”** is displayed on the screen, touch the [ ] key.

2. Touch the [Off] key of the TA item.

“TA” on the screen goes off, and the TA standby mode is canceled.

PTY (Program Type) function

This function enables you to listen to a broadcast of the specified program type when the broadcast starts, even if the system operates in a mode other than the Tuner mode.

• Some countries do not yet have PTY broadcast.

• In the TA standby mode, a TP station has priority over a PTY broadcast station.

Selecting PTY

1. Touch the [ ] key.

2. Touch the [On] key of the PTY item to enter the PTY standby mode.

3. Touch the [None] key (program type display) to display the PTY Select screen.

4. Touch your desired PTY Preset key to select the program type.

5. Touch the [Back] key to return to the previous screen.

Canceling PTY standby mode

1. Touch the [ ] key.

2. Touch the [Off] key of the PTY item.

“PTY” goes off, and the PTY standby mode is canceled.

PTY seek

1. Touch the [ ] key.

2. Touch the [None] key (program type display) to display the PTY Select screen.

3. Touch your desired PTY Preset key to select the program type.

4. Touch a Seek key, the system seeks a PTY

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broadcast moving up the frequencies.

• If no station with the selected PTY broadcast can be received, the unit returns to the previous mode.

• The 32 types of PTY listed below can be selected.

PTY item	
ENGLISH	Contents
None	None
News	News
Affairs	Current Affairs
Info	Information
Sports	Sport
Educate	Education
Drama	Drama
Culture	Culture
Science	Science
Varied	Varied
Pop M	Pop Music
Rock M	Rock Music
Easy M	Easy Listening Music
Light M	Light Classical Music
Classics	Serious Classical Music
Other M	Other Music
Weather	Weather
Finance	Finance
Children	Children's Programs
Social	Social Affairs
Religion	Religion
Phone In	Phone In
Travel	Travel
Leisure	Leisure
Jazz	Jazz Music
Country	Country Music
Nation M	National Music
Oldies	Oldies Music
Folk M	Folk Music
Document	Documentary
Test	Test
Alarm	Alarm

Emergency broadcast

If an emergency broadcast is received, all the function mode operations are stopped. "Alarm" appears on the screen and the emergency broadcast can be heard.

Volume setting of TA and emergency broadcast (Alarm)

The volume for TA, Alarm and PTY interrupts can be set during TA or Alarm.

• The factory default setting is "15".

1. Use the **[VOL +]** and **[VOL –]** buttons to set the volume to the desired level (00 to 40) during a TA or Alarm.

• When the TA or Alarm ends, the volume returns to the level before the interrupt.

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17. DVB-T OPERATIONS

If DTX501E sold separately connect to unit, you can watch TV program and operate DTX501E.

Please read the user manual of DTX501E for the operation of DVB-T mode.

This function is available when DTX501E is connected.

NOTE:

For your safety, the unit has a safety function, which turns off the picture when car is moving, so only the audio can be heard. The picture can be only watched, when the car is stopped and parking brake is applied.

Switching to DVB-T mode

- Press **[DVB-T]** button on Main Menu to select desired mode (when unit is reading). The LCD will display the external video. If there is no DVB-T signal, it will show you blank screen.
- Press **[Menu]** button on Operational Panel to return to the Main Menu.

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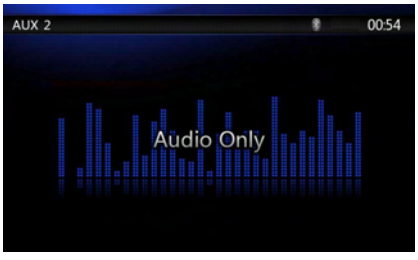
18. AUX 1 / AUX 2 OPERATIONS

External peripheral devices, including a game console, camcorder, iPod/iPhone, etc. can be connected to the AUX 1 or AUX 2 connector on the front or back of this unit using the A/V media cables.

Switching to AUX IN / AV IN mode

- Press **[AUX 1]** or **[AUX 2]** button on Main Menu to select desired mode (when unit is connected). If the external device connected to AUX 1or AUX 2 input have audio signal, the unit will broadcast audio of external device.
- Press **[Menu]** button on Operational Panel to return to the Main Menu.

You cannot directly control external devices connected to AUX 1or AUX 2 input.



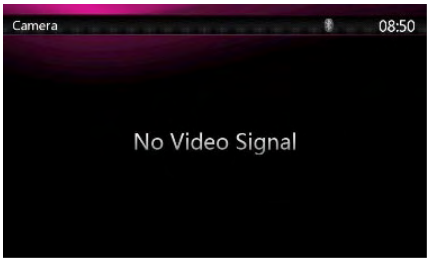
19. CAMERA OPERATIONS

Switching to Camera mode

Press **[Camera]** button on Main Menu to select desired mode.

The LCD will display the external camera video. The screen will display “No Video Signal” menu, if a valid camera is not connect to this head unit.

Press Menu button on Operational Panel to return to the Main Menu.



Note:

If the reverse cable is connected correctly to the car, the center unit to switch to camera mode automatically when the car is in reverses.

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20. REAR SOURCE OPERATIONS

If rear monitors are installed in the rear seat and connected to the rear zone AV output, passengers in the back seats can watch the DVD/iPod Video/AUX1/ AUX2 video separately from front source.

1.Press the button to access the rear source menu.

2.Press the button again to back to front source menu.

Multi-Zone Operation

Independent sources can be played simultaneously on the unit. For example, a FM/AM console can be playback on the front screen while DVD video is available to rear passengers. But now you can't select DVD video in front.

DVD Video in Rear

1.[ ]: Next Row Buttons

Press the button can display the hidden button.

2.[ ]: Previous chapter.

3.[ ]: Play or Pause video.

4.[ ]: Next chapter.

5. Elapsed playing time indicator.

6.[Top Menu]Top Menu Button

7.[ ]/[ ]:Front/Rear switching button

If the screen displays Rear Source, press [ ] to switch to Front Source.

If the screen displays Front Source, Press [ ] to switch to Rear Source.

8. [Repeat]:Repeat switching Button

Use to repeat the Title or Chapter.

Press once to start Chapter repeat. Press again to activate Title repeat. To turn repeat off, press same button again. Repeat symbols are displayed in the info window in the upper left area of the screen.

9. [Audio]:Audio Channel switching Button

10. [Subtitle]:Subtitle switching Button

11. [Info]:INFO Button

12. [Direct]:Direct chapter or title searching Button

DVD Video Rear Source Control Info mode.

Press [Back] button to return.

DVD Video Rear Source Control Direct mode.

NOTE: *More detail please refer to DVD Video Front source.*

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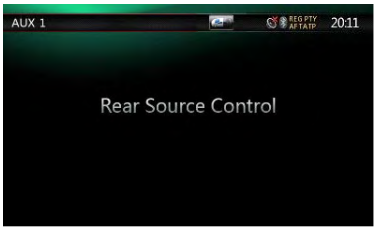
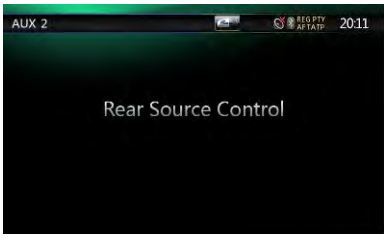
AUX 1 in Rear



AUX 2 in Rear



iPod Video in Rear

iPod Video Rear Source Control Play Mode

1.[ ]: Previous file.

2.[ ]: Play or Pause video.

3.[ ]: Next file.

4.Elapsed playing time indicator.

5.[Menu]Menu:

Press the Menu button can display the iPod Video Rear Source mode screen.

6.[Repeat]Repeat Button(Same as iPod function of front source)

7. [ ]/[ ]:Front/Rear button

If the screen displays Rear Source, press [ ] to switch to Front Source.

If the screen displays Front Source, Press [ ] to switch to Rear Source.

iPod Video Rear Source ID3 Mode

NOTE:

If the source is selected as the front, the source in rear can't be selected.

If the source is selected as the rear, the source in front can't be selected.

Press the Front Button[Front] to access the front main menu but the rear source will keep running.

Remote Control in Rear

Remote Control is always available for the front source, however, it is available for the rear source if the screen displays Rear Source Control of DVD Video or iPod Video.

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21. SETTING OPERATIONS

Press [Setting] button on the Main menu screen.

The Setting menu screen will be displayed.

General Setup Menu

Clock: Set system clock.

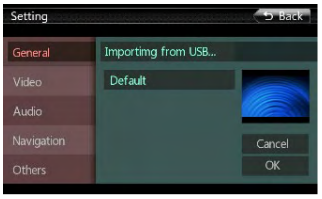
AM/PM: Set AM or PM when current time mode is 12HR mode.

Clock Mode: Set the time display mode.

Beep: Turn on or turn off the beep confirmation sound.

Bluetooth: Set the Bluetooth ON or OFF.

Wallpaper: Choose the desired wallpaper.



Auxin Input SW: Auxin input switch, including Low, Mid, High.

Dimmer: There are three options, Day, Night and Auto.

Tel Speaker: There are two options, Left and Right. For example, if current setting is Left, when BT phone is coming in, only left speaker can hear the phone.

Anti-Theft: Set the Anti-Theft code.(See next page)

Version: Display the software version information.

Video Setup Menu

This menu includes: DVD Wide Screen Mode; Brightness.

DVD Wide Screen Mode: Set the DVD wide screen mode on or off.

Brightness: Set brightness value from 0 to 20.

Audio Setup Menu

This menu includes: Balance, Fader, Select EQ, Sub Woofer Ctrl, Sub Woofer Phase, High Pass Filter, low Pass Filter, Amp Cancel and Magna Bass EX.

Balance: Choose the desired volume for left and right speaker.

Fader: Choose the desired volume for front and rear speaker.

Select EQ: Choose the desired mode: Bass Boost, Impact, Excite, Custom and OFF.

Sub Woofer Ctrl: Choose the desired sub woofer gain from 0 to 14.

Sub Woofer Phase: Choose the sub woofer phase normal or reverse.

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High Pass Filter: Choose the high pass filter through/55Hz/85Hz/120Hz.

Low Pass Filter: Choose the low pass filter through/62Hz/95Hz/135Hz.

Amp Cancel: Choose the amplifier audio output on or off.

Magna Bass EX: Choose the loudness on or off.

Navigation Setup Menu

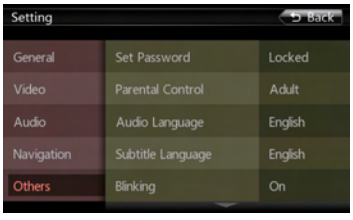
This menu includes: GPS Time, Navi Interrupt, and Voice Guidance

GPS Time: Set the system time to be synchronized with GPS local time or not.

Navi Interrupt: There are three choose: On/Popup/Off. “On”: The navigation screen will cover to AV screen when reaching some key point. “Popup”: When small turn info window will pop up in the top of the AV screen to indicate the key point. “Off”: Turn off this function.

Voice Guidance: Enable or disable the navigation voice guidance.

Others Setup Menu



This menu include: Set Password; Parental control, Audio Language,Subtitle Language,Blinking, TS Calibrate, and Load Factory.

Set password: Set the password for DVD parental control.

Parental control: Set the rating of the age. It contains Kid Safe/G/PG/PG- 13/PG-R/R/NC- 17/Adult.

Audio Language: Set the Language for DVD Audio.

Subtitle Language: Set the Language for DVD subtitle.

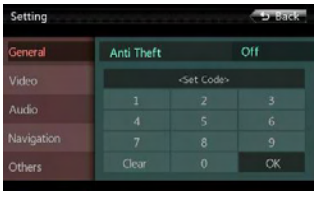
Blinking: Choose the blinking ON or OFF.

TS Calibrate: The function of it is to select the Touch Screen Calibrate YES or NO.

Load Factory: The function is to select to load factory default or not.

Set the Anti-Theft code

1. If your unit is unlocked, hold the [General] button more then 2 seconds, then the Anti-Theft setting mode will display. Users can change anti-theft code. Click **[Yes]**, the numerical keypad is displayed. Enter the new password twice, then anti-theft code is set and your unit is secured.



When the Anti-theft is “On”, you need enter correct Anti-theft code to turn the unit on. If you enter wrong code three times, the unit is locked, and must be unlocked by the professionals.

2. If your unit is secured, hold the [General] more then 2 seconds, then the Anti-Theft setting mode will display. The numerical keypad is displayed, enter the right code to unlock.

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22. MONITOR OFF

Long Press Menu button on Operational Panel for 3 seconds, it will show “Monitor off……Touch the screen to return” and then the head unit will turn off the TFT screen. Touch any place of the screen, the TFT screen will turn on again.

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23. TROUBLESHOOTING

GENERAL

Problem	Cause	Measure
Power does not turn on. (No sound is produced.)	Fuse is blown.	Replace with a fuse of the same amperage. If the fuse blows again, consult your store of purchase.
	Incorrect wiring.	Consult your installation center.
Nothing happens when buttons are pressed. Display is not accurate.	The microprocessor has malfunctioned due to noise, etc.	Press the reset button with a thin rod. Note: When the Reset button is pressed, turn off the power. * When the Reset button is pressed, frequencies of radio stations, titles, etc. stored in memory are cleared.
The remote control unit does not work.	Direct rays of the sun fall on the light-receptive part of the remote control unit.	When direct rays of the sun fall on the light-receptive part of the remote control unit, it may not work.
	The battery of the remote control unit is dead or there is no battery in the remote control unit.	Check the battery of the remote control unit.

DVD PLAYER

Problem	Cause	Measure
Disc cannot be loaded.	A disc is already loaded.	Eject the disc before loading the new one.
	There is foreign matter already in the disc slot.	Remove the foreign matter, or consult a service station.
Sound skips or is noisy.	Disc is dirty.	Clean the disc with a soft cloth.
	Disc is heavily scratched or warped.	Replace with a disc in good condition.
Sound is bad directly after power is turned on.	Condensation may form on the internal lens when the car is parked in a humid place.	Let dry for about 1 hour with the power on.
Video images are not displayed.	The parking brake is not engaged.	Check that the parking brake is engaged.
Disc cannot play with the display “**PARENTAL VIOLATION**” shown.	Feature exceeds set parental level.	Release the view limitation or change the parental level. See the subsection “Setting up the parental level”

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USB DEVICE

Problem	Cause	Measure
USB device cannot be inserted.	The USB device has been inserted with wrong direction.	Reversing the connection direction of the USB device, try it again.
	The USB connector is broken.	Replace with a new USB device.
USB device is not recognized.	The USB device is damaged.	Disconnect the USB device and reconnect. If the device is still not recognized, try replacing with a different USB device.
	Connectors are loose.	
No sound heard and no file display on file list	No MP3/WMA file is stored in the USB device.	Store these files properly in the USB device.
Sound skips or is noisy.	MP3/WMA files are not encoded properly.	Use MP3/WMA files encoded properly.
The video of iPod/iPhone image is disturbed	The TV Signal setting of the iPod/iPhone is not set correctly.	Set the TV Signal setting (NTSC/PAL) of the iPod/iPhone correctly.

Bluetooth

Problem	Cause	Measure
Cannot pair the Bluetooth enable device with the car audio system.	The device does not support the profiles required for the system.	Use another device to connect.
	The Bluetooth function of the device is not enabled.	Refer to the user manual of the device for how to enable the function.
The audio quality is poor after connection with a Bluetooth enabled device.	The microphone is not correctly positioned.	Use optional external microphone and adjust the position of it.
	The Bluetooth reception is poor.	Move the device closer to the car audio system or remove any obstacle between the device and the system.

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TV/VTR (When connecting an optional TV tuner, etc.)

Problem	Cause	Measure
The image is not displayed.	The parking brake is not engaged.	Check that the parking brake is engaged.
The display is dark.	The brightness control is too low.	Adjust the brightness properly.
	The operating condition is not good.	The temperature inside the vehicle may be 0 or lower. Set to an appropriate temperature (25 or so) and check it again.
	The headlight of the vehicle is lit	The display is made dark at night to prevent the glare (When the headlight of the vehicle is lit in the daytime, the display gets dark).
When the VTR is connected, the image is disturbed.	Improper NTSC/PAL setting	Set the AUTO/PAL/NTSC properly according to the VTR.
There are red, green, and blue points in display.	----------	This is not a failure, but a phenomenon peculiar to a liquid crystal panel (The liquid crystal panel is produced according to technology with very high precision. Note that, though there are effective pixels of 99.99% or more, pixel missing or normally lit pixels account for 0.01%).

24. ERROR DISPLAY

If an error occurs, one of the following displays is displayed.

Take the measures described below to solve the problem.

DVD PLAYER

Display	Cause	Measure
Invalid Disc	A disc is caught inside the DVD deck and is not ejected.	This is a failure of DVD deck's mechanism and consult your store of purchase.
Invalid Disc	A disc cannot be played due to scratches, etc.	Replace with a non-scratched, non-warped disc.
Invalid Disc	A disc is loaded upside- down inside the DVD deck and does not play.	Eject the disc then reload it properly.
PARENTAL VIOLATION	Parental level error	Set the correct Parental level.
Disc Region incorrect	Region code error	Eject the disc, and replace correct region code disc.

If an error display other than the ones described above appears, press the Reset button. If the problem persists, turn off the power and consult your store of purchase.

* When the Reset button is pressed, frequencies of radio stations, titles, etc. stored in memory are cleared.

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25. SPECIFICATIONS

FM Tuner

Frequency Range: 87.5MHz to 108.0MHz
Usable Sensitivity: 8 dBμV
50dB Quieting Sensitivity: 14 dBμV
Alternate Channel Selectivity: 70 dB
Stereo Separation: 25dB(1kHz)
Frequency Response: 30 Hz to 14kHz

AM Tuner

Frequency Range: 531 kHz to 1602 kHz
Usable Sensitivity: 30 dBμV

DVD Player System

Digital Versatile Disc System with CDDA capable
Usable discs:
DVD video disc, Compact disc
Frequency Response: 20 Hz to 20 kHz
Sound/Noise Ratio: 95 dbA (1W Ref)
Dynamic Range: 95 dB (1 kHz)
Distortion: 0.05%
Video system: NTSC/PAL

Audio/Video Input

Audio input voltage: ≤ 2 Vrms
Video input voltage : 1.0 Vp-p@75Ω
Audio input sensitivity (at 2V output)
High : 325mVrms
Mid : 650mVrms
Low : 1.3Vrms

Audio/Video output

Video output voltage: 1.0Vp-p @75Ω
NX501E Screen Size: 6.2" wide type
Pixels: 1,152,000
Resolution: 800 x 480 x 3 (RGB)
NZ501E Screen Size: 7" wide type
Pixels: 1,152,000
Resolution: 800 x 480 x 3 (RGB)

Bluetooth

Specification: Bluetooth Ver 2.1+EDR
Profile: HFP1.5(Hands Free Profile)
HSP1.0 (Headset Profile)
A2DP (Advanced Audio Distribution Profile)
AVRCP1.2,1.3,1.4 (AV Remote Control Profile)
Power Class: 2

MP3 mode

Bit rate: 32 kbps to 192 kbps
Sampling rate: 11.025kHz, 22.5kHz, 32kHz,
44.1kHz, 48kHz

WMA mode

Bit rate: 64 kbps to 192 kbps
Sampling rate: 11.025kHz, 22.5kHz, 32kHz,
44.1kHz, 48kHz

USB

Specification: USB 1.1/2.0 (FS)
Playable audio format:
MP3(.mp3): MPEG 2/Audio Layer-3
WMA(.wma): Ver 7/8/9.1/9.2

General

Power source voltage:
14.4 VDC (10.5 to 15.8V allowable)
Ground: Negative
Current consumption: 4.0 A @1 W
Auto Antenna Rated Current: 500 mA less

Note:

- Specifications comply with JEITA Standards.
- Specifications and design are subject to change without notice for further improvement.

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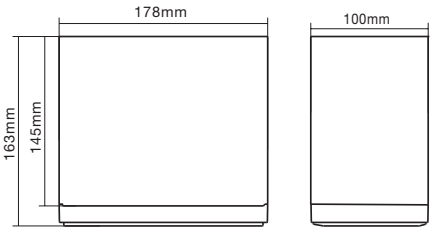
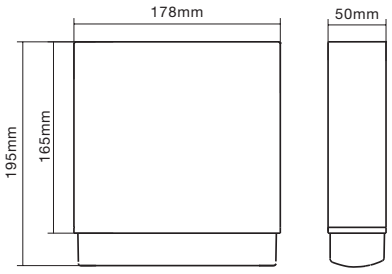


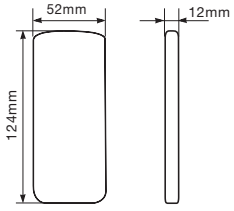
NX501E dimensions:

NX501E weight: 2.4kg



NZ501E dimensions:

NZ501E weight: 2.4kg



Remote Control dimensions:

Remote Control weight:

50g (including battery)

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26. INSTALLATION /WIRE CONNECTION GUIDE

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4. Cautions On Installation 60
5. Installing The Main Unit 61
6. Cautions On Wiring 63
7. Wire Connections 64

1. Before Starting

1.This set is exclusively for use in cars with a negative ground 12V power supply.

2.Read these instructions carefully.

3.Be sure to disconnect the battery "-" terminal before starting. This is to prevent short circuits during installation. (Figure 1)

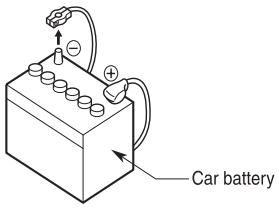

Figure 1

2. Package Contents

Main unit 1
Wiring harness 1
GPS antenna 1
Clamp for GPS antenna's cable 3
Double face tape for GPS Antenna 1
Remote control unit 1
Battery (CR2025) 1
(Installed in remote control)
Trim ring 1
Cleaning cloth 1
Warranty Card 1
Owner's manual and
Installation manual 2
Electro tap 2
2DIN trim ring 200mm wide
(NX501E only) 1
Mounting Bracket key
(NZ501E only) 2
Flush mount bolts
(NX501E) 8
(NZ501E) 4
Hexagon Head Screw
(NX501E) 8
(NZ501E) 5
AV cable 1
Line out cable (NX501E only) 1
Line in cable (NX501E only) 1
Rear Zone out cable (NX501E only) 1
SWI cable (NX501E only) 1
DTV cable (NX501E only) 1
External Microphone cable
(NX501E only) 1

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3. General Cautions

1. Do not open the case. There are no user- serviceable parts inside. If you drop anything into the unit during installation, consult your dealer or an authorized Clarion service center.
2. Use a soft, dry cloth to clean the case. Never use a rough cloth, thinner, benzine, or alcohol etc. For tough dirt, apply a little cold or warm water to a soft cloth and wipe off the dirt gently.

4. Cautions on Installation

1. Prepare all articles necessary for installing the source unit before starting.
2. This model features an operation panel that slides forward.

   On some types of cars, the operation panel may make contact with the dashboard or gearshift lever, in which cause it cannot be installed. Before installing, check that the unit will not hamper operation of the gearshift lever or obstruct your view before selecting the installation location. (Figure 2)

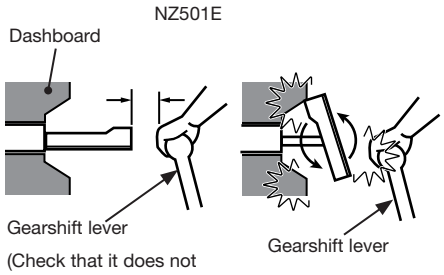

Figure 2

3. Install the unit within 30° of the horizontal plane. (Figure 3)

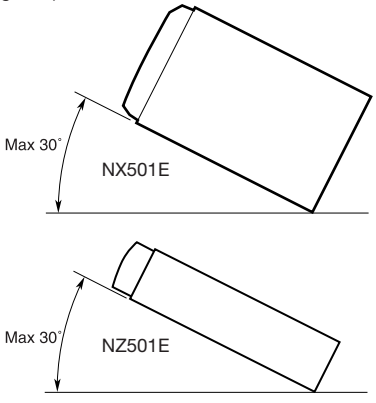

Figure 3

4. If you have to do any work on the car body, such as drilling holes, consult your car dealer beforehand.
5. Use the enclosed screws for installation. Using other screws can cause damage. (Figure 4)

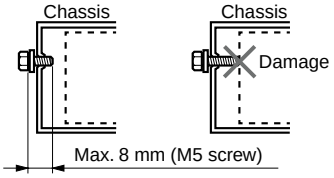

Figure 4

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5. Installing the Main Unit

This unit is designed for fixed installation in the dashboard.

1. When installing the main unit in NISSAN vehicles, use the parts attached to the unit and follow the instructions in Figure 6.

When installing the main unit in TOYOTA vehicles, use the parts attached to the vehicle and follow the instructions in Figure 7.

2. Wire as shown in Section 7.

3. Reassemble and secure the unit in the dashboard and set the face panel and center panel.

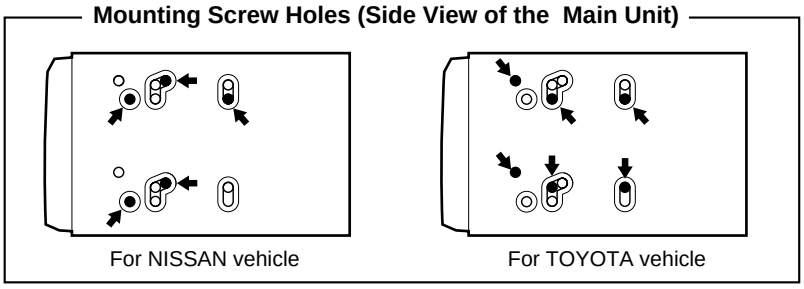

Figure 5

Installing the Main Unit in NISSAN Vehicle

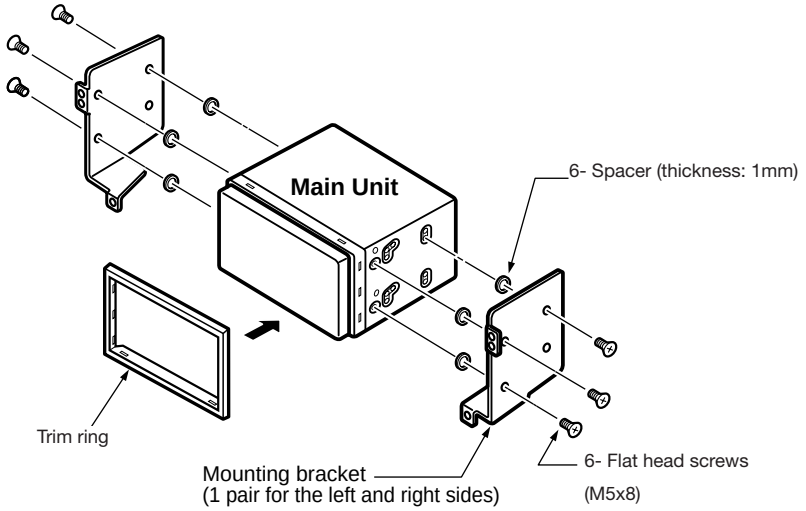

Figure 6

Note:

* 1: Position the face panel with its wide edge at the bottom. Fit the edge into the groove of the main unit.

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Installing the Main Unit in TOYOTA Vehicle

Install by using parts attached to the vehicle. (Screws marked ★ are attached to the vehicle.)

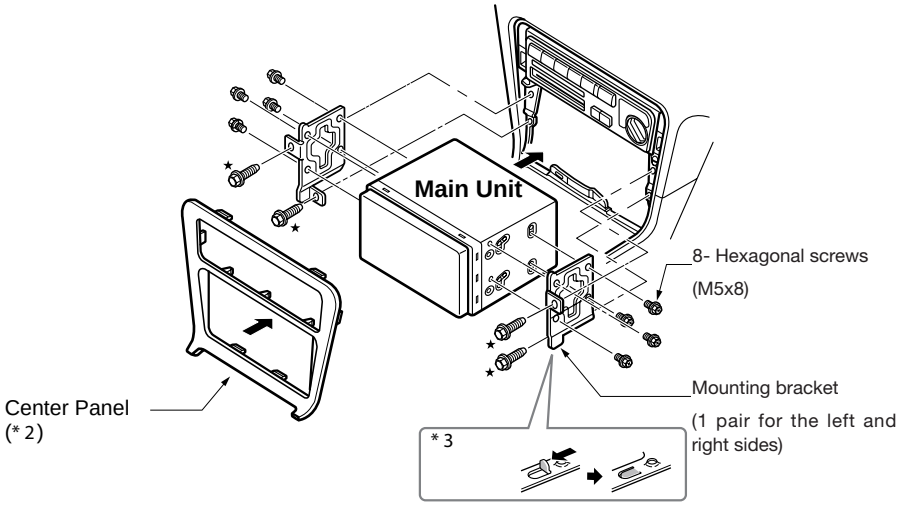
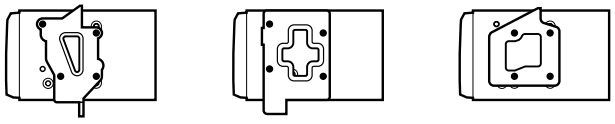


Figure 7

*2. Some panel openings are too small for the unit depending on the vehicle type and model. In such a case, trim the upper and lower sides of the panel frame by about 0.5 to 1.5 mm so the unit can be inserted smoothly.

*3. If a hook on the installation bracket interferes with the unit, bend and flatten it with a nipper or similar tool.

Typical Mounting Brackets



Example 1 Example 2 Example 3

Affix the screws to the ● marks.

Vehicles other than NISSAN and TOYOTA

In some cases the center panel may require modification. (Trimming, filing, etc.)

• Removing the Main Unit

When the main unit is to be removed, disassemble it in the reverse of the order in "INSTALLING THE MAIN UNIT".

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6. Cautions on Wiring

1. Be sure to turn the power off before wiring.
2. Be particularly careful where you route the wires.

   Keep them well away from the engine, and exhaust pipe, etc. Heat may damage the wires.
3. If the fuse should blow, check to see if the wiring is correct.

   If a fuse is blown, replace it with a new one of the same amperage rating as the original (15A FUSE).
4. To replace the fuse, remove the old fuse on the back of the unit and insert the new one. (Figure 8)

NOTE:

There are various types of fuse holder. Do not let the battery side touch other metal parts.

⚠CAUTION

After the connection, fix the cord by a clamp or insulation tape for protection.

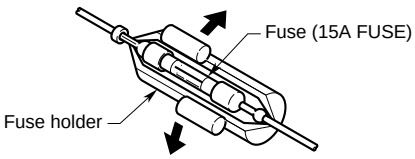

Figure 8

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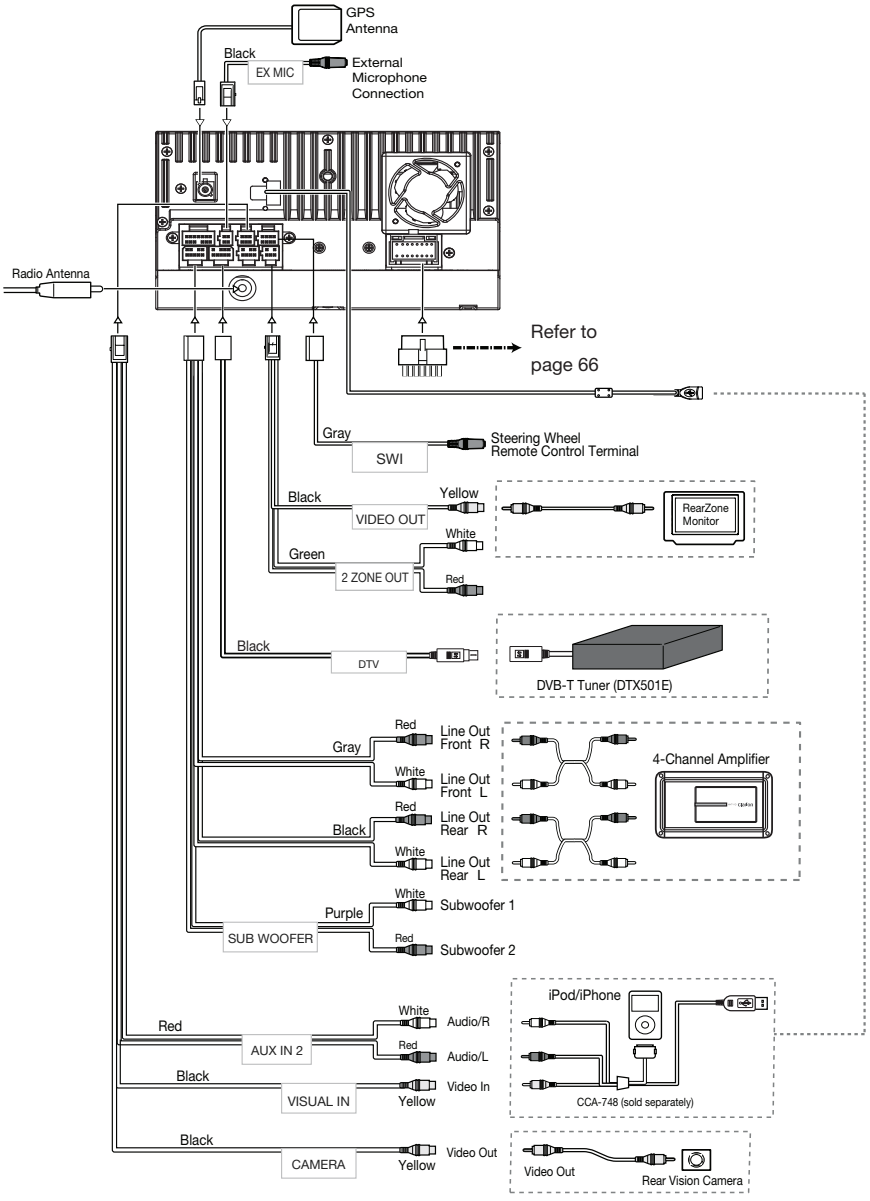
7. Wire Connections

Note:

- *Before installing, be sure to disconnect the negative cable of the car battery.*
- *In the optional devices, the RCA cables and the Connector cables are separately-sold* items.

NX501E



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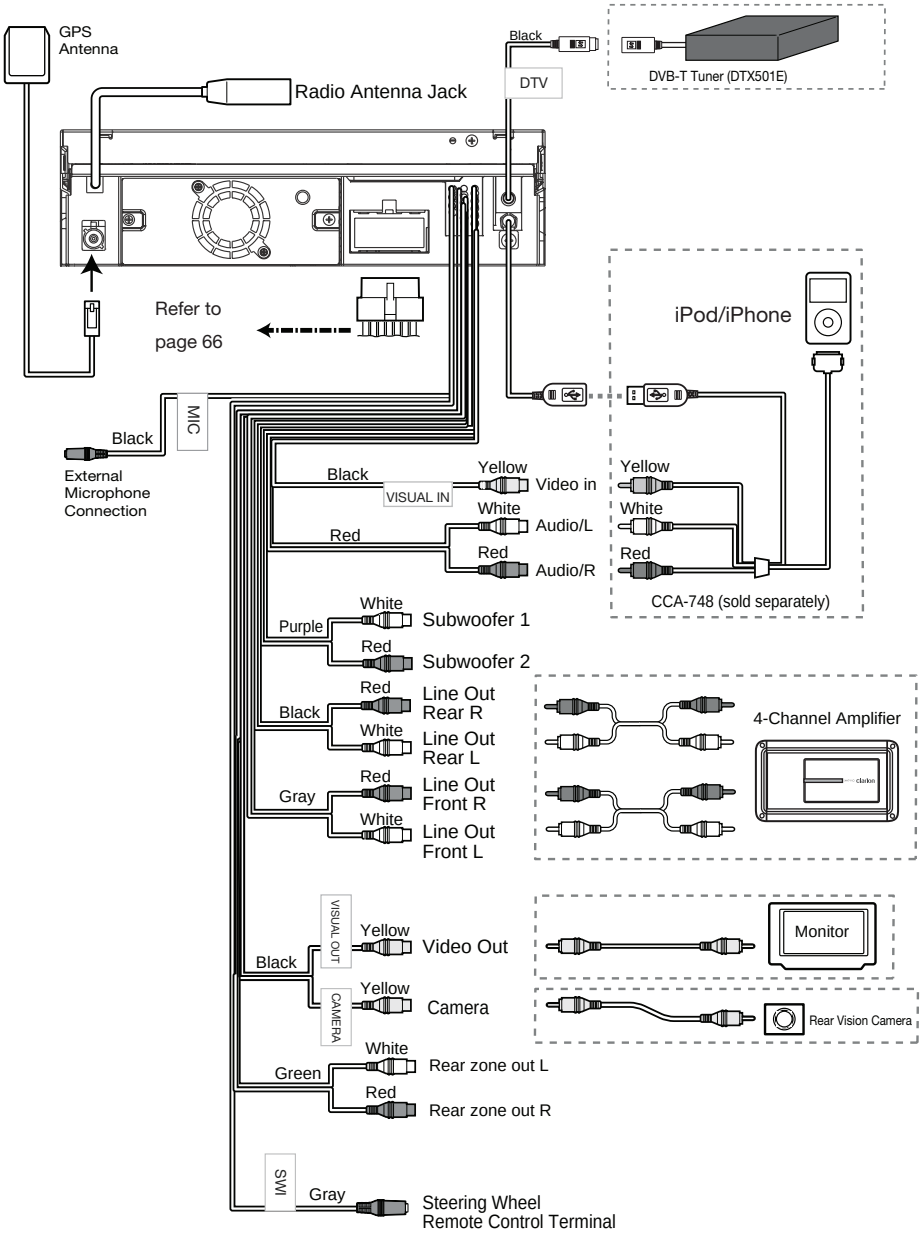

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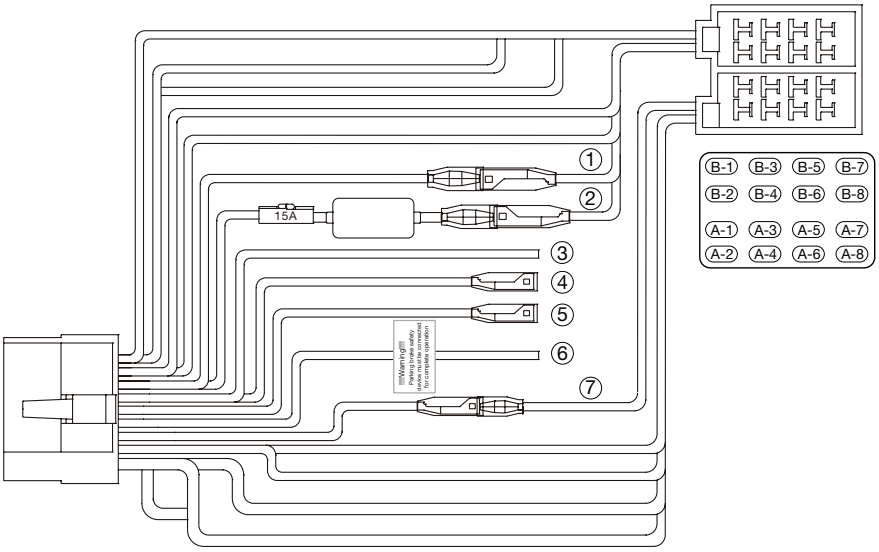
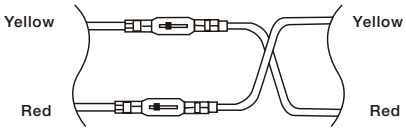


No.	Description
①	+12V accessory(Red)
②	+12V main power (Yellow)
③	Reverse(Purple/White)
④	Phone interrupt(Brown)
⑤	Remote(Blue/White)
⑥	Parking(Grass-green)
⑦	Auto antenna(Blue)



For VW and Audi: Change wiring as above

No.	Description
B-1	Rear right+
B-2	Rear right-
B-3	Front right+
B-4	Front right-
B-5	Front left+
B-6	Front left-
B-7	Rear left+
B-8	Rear left-
A-1	
A-2	
A-3	
A-4	+12V main power
A-5	Auto antenna
A-6	Illumination
A-7	+12V accessory
A-8	GND

Note:

**1: Connecting the PHONE INTERRUPT terminal*
The phone interrupt will mute the audio if the lead receives a negative or ground signal.

See next page for how to connect the parking brake cord.

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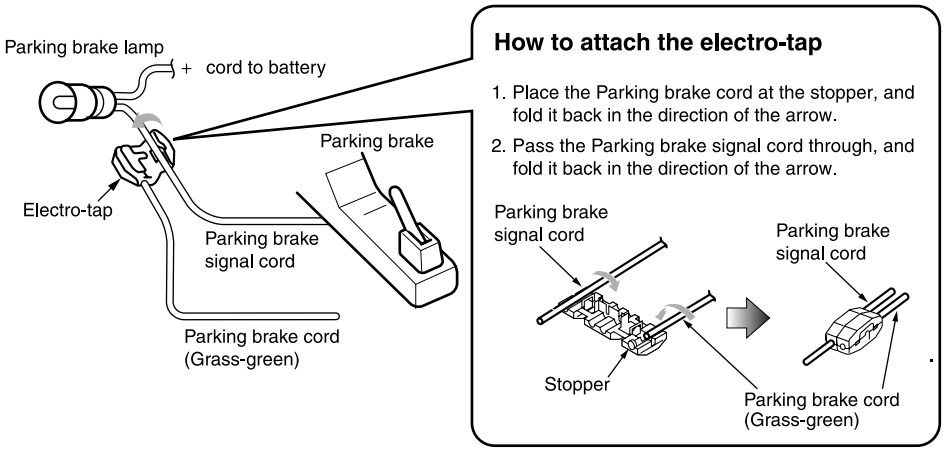
Connecting the parking brake cord

Connect the cord to parking brake lamp ground in the meter panel.

Note:

- *Connecting the parking brake cord to lamp ground allows you to watch iPod/iPhone video/DVD video/AV input when the parking brake is engaged.*
- *When the parking brake cord is not connected, the monitor will not show any video sources.*
- *If "AUDIO ONLY" appears on the screen just after turning on the ACC power of the car, release the parking brake while confirming safety, and then engage the parking brake again.*



Connecting the accessories

- **Connecting to the external amplifier**

  The external amplifiers can be connected to the 6 channel RCA output connections. Ensure that the connectors are not grounded or shorted to prevent damage to the unit.

- **Connecting to iPod/iPhone device**

  The iPod/iPhone device can be connected to dedicated iPod/iPhone connection on the main unit. For detailed information, refer to the instruction sheet or manual for the iPod/iPhone cable.

Note:

- *This unit may not support all functions of all iPod/iPhone devices.*
- *The iPod/ iPhone connection will charge your iPod/iPhone unless the iPod/iPhone battery is completely depleted. If the specified cord of the cellular phone is connected to the phone interrupt cord of the main unit, the audio mute is activated when cellular phone in use.*

- **Connecting to SIRIUS Satellite Radio Receiver**

  When SIRIUS Satellite Radio Receiver is to be connected, use the dedicated connector. For detailed information,refer to the instruction manual of the SIRIUS Satellite Radio Receiver.

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CE

English:

Declaration of conformity

We Clarion declares that this model NX501E/NZ501E is following the provision of Directive 1999/5/EC with the essential requirements and the other relevant regulations.

Français:

Déclaration de conformité

Nous, Clarion, déclarons que ce modèle NX501E/NZ501E est conforme aux exigences essentielles et aux autres dispositions pertinentes de la directive 1999/5/CE.

Deutsch:

Konformitätserklärung

Wir, Clarion, erklären, dass dieses Modell NX501E/NZ501E den Bestimmungen der Richtlinie 1999/5/EG im Hinblick auf die grundlegenden Anforderungen und andere relevante Bestimmungen entspricht.

Italiano:

Dichiarazione di conformità

Clarion dichiara che il presente modello NX501E/NZ501E è conforme ai requisiti essenziali e alle altre disposizioni pertinenti stabiliti dalla direttiva 1999/5/CE.

Nederlands:

Conformiteitsverklaring

Clarion verklaart dat het model NX501E/NZ501E in overeenstemming is met de essentiële eisen en andere relevante voorschriften van de bepalingen van Richtlijn 1999/5/EC.

Español:

Declaración de conformidad

Clarion declara que este modelo NX501E/NZ501E cumple con los requisitos esenciales y otras disposiciones aplicables descritos en la Directiva 1999/5/CE.

Svenska:

Intyg om överensstämmelse

Härmed intygar Clarion att denna modell NX501E/NZ501E uppfyller kraven i direktiv 1999/5/EG gällande väsentliga egenskaper och övriga relevanta bestämmelser.

Polski:

Deklaracja zgodności

Firma Clarion niniejszym oświadcza, że model NX501E/NZ501E jest zgodny z istotnymi wymogami oraz innymi odpowiednimi postanowieniami Dyrektywy 1999/5/WE

Ελληνικά:

Δήλωση συμμόρφωσης

Εμείς στην Clarion δηλώνουμε ότι αυτό το μοντέλο NX501E/NZ501E τηρεί τις διατάξεις της Οδηγίας 1999/5/ΕΚ σχετικά με τις ουσιώδεις απαιτήσεις και τους άλλους σχετικούς κανονισμούς.

Italy

Dichiarazione di conformità:

Io mandatario nell' UE: Clarion Europe S.A.S. Z.I. du Pré à Varois, Route de Pompey, 54670 Custines, Francia Dichiaro che il prodotto NX501E/NZ501E è conforme al DM 28-08-1995 ottemperando alle prescrizioni dei DM 25-06-1985 e DM 27-08-1987.

Ministerial authorization FI DM 27-08-1987 nº of protocol: 0092830 date 28/12/2009

Clarion Europe S.A.S.
Z.I. du Pré à Varois, Route de Pompey, 54670 Custines, FRANCE

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