Audio/Video & Navigation System
DM-N3000D

RESET

PHONE   MEDIA   VOLUME   DISP   SETUP

SEEK TRACK   FM/AM   MAP   TUNE

AUX   NAVI

NEW THINKING.
NEW POSSIBILITIES.

HYUNDAI

HYUNDAI

Audio/Video & Navigation System DM-N3000D
Owner's Manual

Please read this manual carefully before operating your set and retain it for future reference.
Designs and specifications are subject to change without prior notice.

Contents

English

Safety warnings

▶Safety notes

The lightning flash with the arrowhead symbol, within an equilateral triangle is intended to alert the user about the presence of uninsulated dangerous voltage within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

Always operate the vehicle in a safe manner. Do not become distracted by the vehicle while driving, and always be fully aware of all driving conditions. Do not change settings, or any functions.
Pull over in a safe and legal manner before attempting such operations. To promote safety, certain functions are disabled unless the hand break is on.

Do not use for many hours at extremely low or high temperature. (-10°C to 60°C)

To reduce the risk of electric shock, do not remove the cover or back of this product. There are no user-serviceable parts inside. Refer servicing to qualified service personnel.

To reduce the risk of fire or electric shock, do not expose this product to dripping or splashing water, rain, or moisture.

The temperature of unit's outside can be extremely high, p lease use the unit after proper installation in your vehicle.

While driving, keep the sound volume at a proper level.

Do not drop it and avoid heavy impacts at anytime.

The driver must not watch the monitor while driving. If the driver watches the monitor while driving, it may lead to carelessness and cause an accident.
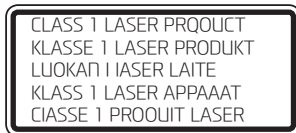
This unit is for vehicles with a 12 V battery and negative grounding. Before installing it in a recreational vehicle, lorry or bus, check the battery voltage.

Safety warnings

To avoid shorts in the electrical system, be sure to disconnect the ⊖ battery cable before beginning the installation.

▶CAUTION:

```
CLASS 1 LASER PRQOUCT
KLASSE 1 LASER PRODUKT
LUOKAN I IASER LAITE
KLASS 1 LASER APPAAAT
CIASSE 1 PROOUIT LASER
```

This product uses a Laser System.
To ensure proper use of this product, please read this owner's manual carefully and retain it for future reference. Should the unit require maintenance, contact an authorized service center. Performing controls, adjustments, or carrying out procedures other than those specified herein may result in hazardous radiation exposure.
To prevent direct exposure to laser beam, do not try to open the enclosure. Visible laser radiation when open. DO NOT STARE INTO BEAM.

CAUTION:
CLASS 1M VISIBLE AND INVISIBLE LASER RADIATION W HEN OPEN DO NOT VIEW DIRECTLY W ITH OPTICAL INSTRUMENTS.

CAUTION:

• Do not keep the navigation system running with the engine stopped. Doing so may discharge the vehicle battery. When you use the navigation system, always keep the engine running.

• When the driver wants to operate the navigation system, first park the vehicle in a safe location and set the parking brake. Operating the system while driving can distract the driver and may result in a serious accident.

• Do not disassemble or modify this system. If you do, it may result in accidents, fire or electrical shock.

• Some country may have laws limiting the use of video screens while driving. Use the system only where it is legal to do so. Don't use your phone when you are driving. You must stop at a safe place to use your phone.

• When driving your vehicle, be sure to keep the volume of the unit low enough to allow you to hear sounds coming from the outside.

Hereby, Humax Automotive Co.,Ltd Declares that
this HAMT2001 is in compliance with the essential requirements and other relevant provisions of directive 1999/5/EC.

English

Precaution

▶**Types of Playable Discs**

This unit plays CD-R or CD-RW containing audio titles, MP3 or WMA files. Depending on the conditions of the recording equipment or the CD-R/RW disc itself, some CD-R/RW discs cannot be played on the unit.

● Do not attach any seal or label to either side (the labeled side or the recorded side) of a disc.

● Do not use irregularly shaped CDs (e.g., heart-shaped or octagonal). It may result in malfunctions.

▶**Precautions of handling discs and player**

● A defective or soiled disc inserted into the unit can cause sound to drop during playback.

● Handle the disc by holding its inner outer edges.

● Do not touch the surface of the unlabeled side of the disc.

Do not stick paper or tape etc. on the surface.

Do not expose the disc to direct sunlight or excessive heat.

This unit cannot play 8 cm disc (use 12 cm disc only).

● Clean the disc before playback. Wipe the disc from the center outward with a cleaning cloth.

● Never use solvents such as benzene or alcohol to clean the disc.

Precaution

▶NOTES ON COPYRIGHTS

It is forbidden by law to copy, broadcast, show, broadcast via cable, play in public, or rent copyrighted material without permission.

This product features the copy protection function developed by Macrovision.

Copy protection signals are recorded on some discs. When playing the pictures of these discs on a unit, picture noise will appear. This product incorporates copyright protection technology that is protected by method claims of certain U.S. patents and other intellectual property rights owned by Macrovision Corporation and other rights owners.

Use of this copyright protection technology must be authorized by Macrovision Corporation, and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision Corporation. Reverse engineering or disassembly is prohibited.

▶Disposal of your old appliance

1. When this crossed-out wheeled bin symbol is attached to a product, it means the product is covered by the European Directive 2002/96/EC.
2. Al I electrical and electronic products should be disposed of separately from the municipal waste stream via designated collection facilities appointed by the government or the local authorities.
3. The correct disposal of your old appliance will help prevent potential negative consequences for the environment and human health.
4. For more detailed information about disposal of your old appliance, please contact your city office, waste disposal service or the shop where you purchased the product.

iPod is a tradmark of Apple Inc., registered in U.S. and othe contries, Made for iPod" means that an electronic accessory has been designed to connect specifically to iPod and has been certified by developer to meet Apple performance standards.

"The Bluetooth word mark and logos are owned by the Bluetooth SIG, Inc. and any use of such marks by Humax Automotive is under license. Other trad emarks and trade names are those of their respective owners."

"Dolby" and the double-D ◁◁ symbols are trademarks of Dolby Laboratories.

Manufactured under license from Dolby Laboratories.

English

English

A/V System

❶ **EJECT [⏏]** button
Eject a disc.

❷ **RESET** button for system rebooting
If the unit fails to operate properly, press this button with a pen tip or another pointed instrument.

❸ **CLOCK [🕒]** button
Show the clock in power on or off status.

❹ **PHONE** button
Enter the Bluetooth Phone menu.

❺ **MEDIA** button
Switch the mode between the Media menu and previous function screen.

❻ **DISP** button
Turn the display off/on.

❼ **SETUP** button
Switch the mode between the System settings and previous function screen.

❽ **⋀ SEEK/TRACK ⋁** buttons
Seek a station or skip a track (press); after fast forward/reverse a station, seek a station (press and hold).

❾ **FM/AM** button
Enter the radio mode or switch between the FM1/FM2/AM bands.

❿ **AUX** button
Enter the connected AUX mode.

⓫ **POWER [⏻]** button with **VOLUME** dial
Turn the power on and mute function on/off (press); turn the power off (press and hold); adjust the volume (rotate).

⓬ **MAP** button
Enter the current location map screen.

⓭ **NAVI** button
Enter the destination menu. Various methods for entering a destination are available.

⓮ **⋀ TUNE ⋁** buttons
Find a station manually, fast forward/reverse the current playback position for Media or fast forward/reverse a chapter for DVD.

Steering wheel remote control
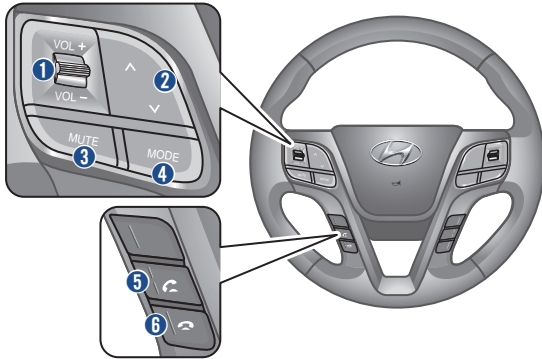
❶ Volume [VOL] +/– jog
Adjust the volume level (push or pull).

❷ Skip ∧/∨ button
Skip the previous/next preset station or file/track (press); search the available stations automatically (press and hold).

❸ MUTE button
Turn the mute function on/off (press). When the mute function is activated, the MUTE icon will appear at the top of the screen.

❹ MODE button
Turn the power on or change the A/V mode as below: FM1 → FM2 → AM → USB (Music → Video) / iPod → DVD/VCD/CD → Bluetooth Audio → AUX → FM1... (press); turn the power off (press and hold).

❺ Call [ ] button
Enter the Bluetooth Phone mode or receive an incoming call (press); make a call via last call (press and hold).

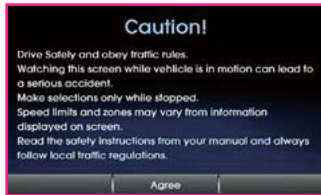**❻ End [ ] button**
Rejects or ends a call.

English

Getting started

▶**Turning on/off the unit**

1 Press the smart ignition [**ENGINE START /STOP**] button to turn the unit on.

The drive safety message screen is displayed.

When you turn the unit off, press the **POWER** [⏻] button or **MODE** button on the steering wheel remote control to turn the unit on.

◆ **To turn the power on directly**
By inserting a disc, connecting the USB device or pressing the FM/AM, MEDIA, PHONE button (while the USB/AUX/ Bluetooth Phone is connected), you can also turn the power on and the unit plays.

2 Tap the **Agree**.

The previously selected station is received or the file/track/chapter is played.

3 To turn the unit off, press and hold the **POWER** [⏻] button or **MODE** button on the steering wheel remote control.

When the unit is turned off, the clock and date are appear on the screen.
You can turn the display off. (Refer to page 32: **SETUP** > **Display** > **Picture Frame**)
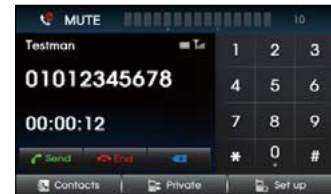
▶**Adjusting the Volume level**

1 Rotate the **VOLUME** dial or push/full **Volume** [**VOL**] **+/-** jog on the steering wheel remote control to increase/ decrease the volume level.

The volume level will be shown on the display. (Audio mode: 0 to 35 / Call mode: 0 to 15)

▶**Muting the Sound quickly**

1 Press the **POWER** [⏻] button or **MUTE** button on the steering wheel remote control to set mute on.

'MUTE' message is displayed.

Getting started

To restore the sound, press the **POWER** [⏻] button or **MUTE** button on the steering wheel remote control or rotate the **VOLUME** dial.

▶**Rear view camera screen**

Rear view mode also allows you to check what is behind you while driving.

With a rear view camera, automatic switching to video from a rear view camera is possible when the gearshift is moved to **REVERSE** (**R**) position.

When the unit is booted completely, the guide line is displayed on the screen.

Note:

■ The rear view camera function is in use by product as an aid to keep an eye on trailers, or when backing into tight parking spot. Do not use this function for entertainment purpose.

■ Object in rear view may appear closer or more distant than in reality.

■ Please note that the edges of the rear view camera images may differ slightly according to whether full screen images are displayed when backing.

▶**Media menu screen**

1 Press the **MEDIA** button to enter the Media menu screen.

You can choose the mode of media on this screen.

❶ **USB Music**
Select the Music player via a connected USB device.

❷ **USB Video**
Select the Video player via a connected USB device.

❸ **USB Image**
Select the Image player via a connected USB device.

❹ **iPod**
Select the Music player connected.

❺ **Bluetooth Audio**
Select the Audio player via a Bluetooth device.

❻ **DVD/VCD/CD**
Select the Disc player via a loaded disc media.

English

Radio

English

▶**Listening to the radio stations**

1 Press the **FM/AM** button to enter the Radio function. The previously selected station is received.

❶ [**FM1/FM2/AM**]: Show the current frequency bandwidth.

❷ **Preset station shortcut**: Recall the Indicated station (tap); store the current station (tap and hold).

❸ [**News**] Category name: Show the category name of current station (only for RBDS station).

❹ **Stereo**: Indicate for FM stereo reception.

❺ [**89.1**]: Show the frequency of current station.

❻ : Indicate the station searching mode.

❼ [**SRWE 0**] Program Service name: Shows the Program Service name of currently station (only for RBDS station).

❽ Frequency gauge bar: Shows the position of current frequency with bandwidth range.

❾ ◄◄ / ►►I: Seek up/down frequencies for stations with good reception.

❿ ◄◄ / ►► : Tune up/down the frequency (press); fast tune up/down the frequency (press and hold).

⓫ **PRESET**: Open the preset station list screen.

2 Press the **FM/AM** button to select the desired band. The band switches as follows;
FM1 → FM2 → AM → FM1 → ....

3 To search a station automatically, tap the ❾ I◄◄ /►►I.
When a station is received, the searching stops.

4 To tune a desired frequency manually, tap the ❿ ◄◄ / ►► .

5 To open the Preset list screen, tap the ⓫ **PRESET**, and select the desired option as follows;

⓬ **Preset station list**: Show the preset station list.

⓭ ► **Now playing**: Return to the Now playing screen.

⓮ Ⓐ **Auto Store**: Automatically store the strong broadcast frequencies.

▶**Storing/recalling the preset station**
You can easily store up to 6 preset stations for each band (FM1, FM2, and AM).

1 Select the band (FM1, FM2 or AM) and desired frequency you want to store a station into.

2 Tap and hold one of the ❷ **Preset station shortcut** or ⓬ **Preset station list** on preset list screen.
The selected preset station has been stored in memory.
Repeat step 1 ~ 2 to preset other stations.

Note: If you try to store another station using the same preset number, the previously stored station will be erased.

3 Next time, if you tap the ❷ **Preset station shortcut** or ⓬ **Preset station list** on preset list screen, the station is recalled from the memory.

English

Radio

▶**Storing the stations automatically**

This function lets you automatically store the strong broadcast frequencies.

1 Press the **FM/AM** button to select the band (FM1, FM2 or AM).

2 Tap the ⓫ **PRESET** to open the Preset station list screen.

3 Tap the ⓮ Ⓐ **Auto Store**.

Local stations with the strong signal are searched and stored automatically.
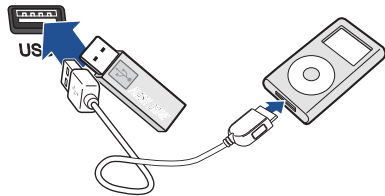And then the list menu appears on the screen.

USB/iPod Music player

▶**Playing the USB or iPod music files**

You can play the MP3, WMA or WAV files stored in a USB device or iPod.

1 Connect a USB device or iPod to the USB port.

USB/iPod Music playback starts with automatically after recognizing the data of the USB device or iPod.

When the USB device or iPod is connected already, press the **MEDIA** > tap the **USB Music** or **iPod** on the Media menu screen. Select the desired option as follows;
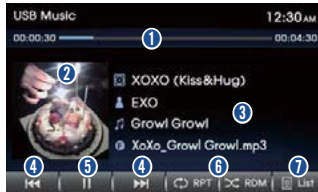
➊ **Progress bar**: Show the progress bar with elapsed time/running time for currently song.
➋ **Thumbnail**: Show the currently Album art.
➌ **Song's information**: Show the Album/Artist/Song/File name.
➍ ◄◄ / ►►| : Skip to previous or next file.
➎ ‖ / ▶: Pause/resume playback
➏ RPT / RDM: Change playback mode.
➐ List: Enter the song's list menu screen.

2 To pause playback, tap the ➎ ‖.
To resume playback, tap the ➎ ►.

3 To skip to the previous or next file, tap the ➍ ◄◄ / ►►| repeatedly.

▶**Changing the Playback mode**

1 To select the playback mode, tap the ➏ RPT or RDM.
• : Plays the current file on a loop.
• : Repeat play all files within the current folder. (only for USB)
• : Repeat play all files within the USB or iPod.
• : Plays randomly all files within the USB or iPod.

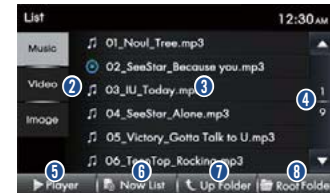▶**Using the List mode**

1 Tap the ➐ List.
For iPods, then select the desired ➊ **Category**.

File list is displayed.
Select the desired option as follows;

➊ **Category list**: Show the category within iPod
➋ **Music/Video/Image**: Show the playable media type.
➌ **File List**: Show the file list.
: Currently playing file
➍ ▲ / ▼: Move to the previous/next list page.

USB/iPod Music player

❺ ▶Player: Return to the Music playing mode screen
❻ 🎵 Now List: Return to the list of current playing file.
❼ 🡑 Up Folder: Moves to upper folder.
❽ 🗀 Root Folder: Moves to root folder.

2 Tap the **desired file list** to playing start.

3 In case of iPod, to search the song file, tap the **desired file list** after select the ❶ **Category list** on the category list screen.

"IPod Instructions Manual
– To use the touch screen, you should necessarily use the genuine cables furnished with your Apple device.
– Your iPod will only charge with the ignition key in the position ACC ON, utilizing the genuine cables furnished along with your Apple device.
Warning: Non genuine cables may cause the connection to fail as well as damage the system".

Precautions for Handling USB/iPod

• When using an external USB device, make sure to keep the device disconnected and connect only sometime after turning on the vehicle ignition. The USB device may be damaged if the USB device is already connected when the ignition is turned on. (USB device is not an electronic automotive component)

• Some USB devices may not operate properly because of compatibility issues. Check that the external device is supported by the device before starting use.

• The device will only recognize USB devices formatted in FAT 16 or FAT 32. (NTFS format is not supported.) When you format the external USB device, this unit may not properly recognize a Byte/Sector selection other than 512 Byte or 2,048 Byte.

• Avoid contact of body parts and foreign substances with the USB connector.

• Repeatedly connecting/disconnecting the USB in a short period of time may cause damage to the device.

• When disconnecting the USB, an abnormal sound may occur occasionally.

• Abruptly disconnecting the external USB device while the USB is operating may cause the device to be damaged or function abnormally. Make sure to disconnect the USB device only after the audio power is turned off or when the audio is operating in a different mode.

• The amount of time required to recognize the external USB device may differ depending on the type, size, or file formats stored on the USB. Such differences in the required time are not indications of malfunction. Please wait the period of time required to recognize the device.

• The device supports only USB devices used to play music/video/image files.

• Do not use the USB I/F to charge batteries or USB accessories which generate heat. Such acts may lead to deteriorated performance or damage to the device.

• While the smartphone charging via USB port, some models may not be charged due to compatibility issues.

• The device may not recognize the USB device if separately purchased USB hubs and extension cables are used.

• In the case of high capacity USB devices, there are instances where the logical drives are partitioned for user convenience. In this case, it will only be possible to play the USB music in the top level drive.

USB/iPod Music player

When using partitioned drives, save the songs you wish to play on the device only in the top-level logical drive. In addition, certain USB devices are configured with a separate drive used to install application programs and it may not be possible to play songs from such drives for the reasons described above.

• The device may not support normal operation when using formats such as HDD Type, CF, or SD Memory.

• The device will not support files locked by DRM (Digital Rights Management).

• iPod is a registered trademark of Apple Corporation in the United States and/or other countries.

• This product connects iPod models which support the following and other devices are not supported.
 – iPod Nano/iPod/iPod Touch/iPhone models
• Some iPod/iPhone models may not be supported/connected.

• Only connect the iPod to this product with connection cables supported by iPod products. Other connection cables cannot be used.

• In some cases, the iPod product may be damaged if the ignition is turned off while it is connected to the product. When the iPod product is not being used, keep it separate from this product with the car ignition turned off.

• The playback functions and the information display items of the iPod player used with this product may differ from the iPod in terms of play order, method, and the information displayed.

USB Video player

### ▶Playing the USB video files

You can play the video files stored in a USB device.

1 Connect a USB device to the USB port.

USB Video playback starts automatically after recognizing the data of the USB memory.

When the USB storage device is already connected, press the **MEDIA** button, then tap the **USB Video** on the Media menu screen.

Caution: While driving, you can not watch the video.

2 To show the control panel screen, tap the Playing screen, and select the desired option as follows;
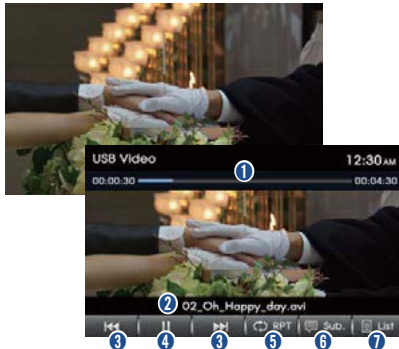
❶ **Progress bar**: Show the progress bar with elapsed time/running time for currently playing file.

❷ **File name**: Shows the currently playing file name.

❸ I◀◀/▶▶I : Skip to previous or next file.

❹ II/▶ : Pause/resume the playback.

❺ ⟳ **RPT**: Change the Repeat playback mode.

- ⟳: Plays the current file on a loop.
- ⟳: Repeat play all files within the current folder.
- ⟳: Repeat play all files within the USB.

❻ 🗐 **Sub.**: Activate/deactivate the subtitle displaying mode.

❼ 🗐 **List**: Enter the file list menu screen.

To return to the full screen without control panel, tap the Playing screen again.

3 To pause playback, tap the ❹ II .

To resume the playback, tap the ❹ ▶ .

4 To skip to the previous or next file, tap the ❸ I◀◀/▶▶I repeatedly.

5 To show/hide the subtitle, tap the ❻ 🗐 **Sub**.

▶Using the List mode

1 Tap the ❼ 🗐 **List** to enter the File list menu screen, and select the desired option as follows;

❶ **Music/Video/Image**: Show the playable media type within USB.

❷ **File List**: Shows the file list.

▶: Currently playing file.

❸ ▲/▼: Move to the previous/next list page.

❹ ▶**Player**: Return to the Video playing mode screen.

❺ 🎵 **Now List**: Return to the list of current playing file.

❻ ⤺ **Up Folder**: Moves to upper folder.

❼ 🗂 **Root Folder**: Moves to root folder.

2 Tap the **desired file list** to playing start.

English

USB Image player

▶**Playing the USB image files**
You can play the image files stored in a USB device.

1 Connect a USB device to the USB port.

USB Image playback starts with automatically after recognizing the data of the USB memory.

When the USB storage device is already connected, press the **MEDIA** button, then tap the **USB Image** on the Media menu screen.

2 To show the control panel screen, tap the playing screen, and select the desired option as follows;

❶ **Slideshow interval**: Selects the slideshow interval time.
❷ **/** : Skip to previous or next file.
❸ **File name**: Show the currently playing file name.
❹ **Slideshow**: Enter the slideshow for full screen mode.
❺ **/** : Rotate the image to anticlockwise or clockwise.
❻ **List**: Enter the file list menu screen.

To return to the full screen without control panel, tap the Playing screen again.

3 To skip to the previous or next file, tap the ❷ **/** repeatedly.

4 To rotate the image tap the ❺ **/** Rotation.

5 To enter the slideshow, tap the ❹ **Slideshow**.

Caution: While driving, you can not watch the slideshow.

▶**Using the List mode**

1 Tap the ❻ **List** to enter the File list menu screen, and select the desired option as follows;

❶ **Music/Video/Image**: Show the playable media type within USB
❷ **File list**: Show the file list.
 : Currently playing file.
❸ **▲/▼**: Move to the previous/next list page.
❹ **▶Player**: Return to the Image playing mode screen.
❺ **Now List**: Return to the list of current playing file.
❻ **Up Folder**: Moves to upper folder.
❼ **Root Folder**: Moves to root folder.

2 Tap the **desired file list** to playing start.

Auxiliary device

▶**Using an Auxiliary audio/video equipment**
By connecting an optional portable A/V device to the AUX input jack on the media hub and then simply selecting the source, you can listen on your car speakers and this unit. The volume level is adjustable for any difference between the unit and the portable audio device.
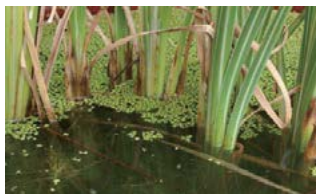
1 Turn down the volume on the unit.

2 Turn off the external audio equipment.

Connect the audio output of the external audio equipment to the AUX input terminal on Media hub.
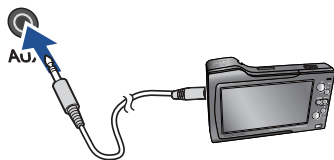
Be sure to adjust the volume for each connected audio device before playback. When external audio equipment is already connected, press the **AUX** button.

<AUX Audio screen>

<AUX Video screen>

3 Start playback of the external audio equipment at a moderate volume.

4 Set your usual listening volume level on the unit.

Caution: While driving, you can not watch the AUX video.

• Some auxiliary device that don't have the video source may not output the video screen.
• In case of some iPod devices, Use the iPod cable for exclusive use of iPod for video playback when connecting iPod to the AUX connector.
• Video is not available while driving. (Based on driving regulation, Aux Video is only available whenever vehicle is stopped.)

English

Bluetooth Audio player

▶**Listening to Music from a Bluetooth Device**

This unit supports the Bluetooth profile "A2DP (Advanced Audio Distribution Profile)". If your mobile phone or music player supports this profile then it is possible to listen to music tracks located on your Bluetooth device through this unit and car speakers.
Additionally, this unit supports the "AVRCP (Audio Video Remote Control Profile)". If your Bluetooth mobile phone or music player supports this profile then it is possible to advance to the next track or replay previous tracks on using the buttons on the front of this unit or steering wheel remote controls (if fitted) on your vehicle.

1 Switch to Bluetooth signal on your mobile phone/music device.

"Stereo Headset" appears when the connection is made.

2 Press the **MEDIA** button to enter the Media menu screen, then tap the **Bluetooth Audio**.

Bluetooth Audio playing screen appears and start playback.

❶ **⁑** : Indicator the Bluetooth device connection.
❷ **Information**: Show the Device/Artist/ Song name.
❸ ▶▌▌ : Resume/pause the playback.
❹ ◀◀ / ▶▶▌ : Skip to previous or next file.

3 To pause/resume playback, tap the ❸ ▶▌▌ .

4 To skip to the previous or next file, tap the ❹ ◀◀ / ▶▶▌ repeatedly.

Bluetooth wireless technology

▶Understanding Bluetooth Wireless Technology

The Bluetooth wireless technology establishes a wireless connection between two devices, such as your phone and media center of the car.
The first time you use two devices together, you must connect them by establishing pairing via a Pass key.
After the initial connection, the two devices can connect automatically.

❖ Note
• There may be restrictions on using Bluetooth technology in some locations.
• Because of the variety of Bluetooth devices and their firmware versions, your unit may respond differently when used via Bluetooth.

Bluetooth operation

To use the Bluetooth function, the following procedure is necessary.

1. Pairing
   When connecting Bluetooth devices for the first time, mutual registration is required.
   This is called "pairing". This registration (pairing) is required only for the first time, as this unit and the other devices will recognize each other automatically from the next time. (Depending on the device, you may need to input a pass code for each connection.)

2. Connection
   Sometimes pairing allows automatic connection. To use the device after pairing is made, start the connection.

3. Hands-free talk/Music streaming
   You can call a mobile phone and listen to music when the connection is made.
   • Some Bluetooth devices may not support specific functions.

English

Connecting the Bluetooth

1 Press the **PHONE** button to enter the Phone menu screen, and then tap the ❶ 📇 **Set up**.

When a Bluetooth device is not connected, connecting message appears. Tap the **YES**, and then skip next step 2 ~ 3.

2 Tap the ❷ **Pairing** to enter Pairing Settings menu screen.

3 Select the **Search On Device** to enter the Pairing ready screen.

The "Passkey: 0000 / Name: DM-N3000D" appears in the display.

4 Now, set your Bluetooth device to search for and pair with this unit.

A list of detected devices appears in the display of the connecting device. This unit is displayed as "DM-N3000D" on the connecting device.

Confirm this by pressing "YES" or "OK" on your phone.

If *Pass key input is required on the display of a connecting device, input "0000" (4 digit).

This unit and Bluetooth device remember each other's information, and when pairing is made, this unit is ready for connection to the device.

"Bluetooth device model name" and "Connected" with "🅱" indicator appears after pairing is completed.

 - Some Bluetooth devices ask you to accept the "BT link" or "Connect". Enter "Yes" or "OK".

 * Pass key may be called "passcode," "PIN number" or "Password," etc., depending on the device.

5 Set the Bluetooth device to connect to this unit.

If pairing is successful, then the phrases 'Connected' and 'Handsfree - device name' will be displayed on the screen.

If the paired Bluetooth device supports Bluetooth audio, then 'B/T audio - device name' will also be displayed.

Your Bluetooth device is now ready for use with this unit.

Notes: When the Pairing Bluetooth devices
 • This unit allows a maximum of 5 Bluetooth devices to be paired. Once paired, the device is retained in memory and pairing is not required again unless the device is deleted from the car radio.
 • Only one Bluetooth phone may be

Connecting the Bluetooth

connected to this unit at one time for hands-free telephone operation.
• If a Bluetooth music player is to be connected together with a mobile phone, refer to page 18 'Bluetooth Audio Player'.
• Bluetooth connection between this unit and mobile phone is normally established using the Hands Free Profile (HFP). However, some mobile phones may only allow the connection to be established in Head Set Profile (HSP) and therefore some functions may not be available.

▶**Connecting a Bluetooth phone**

- Devices are registered once paired and connected with this unit. You can select the registered device and connect/disconnect/delete it.
- If pairing has already been achieved, start operation from here.
- Depending on the device, connection may start automatically after pairing.

1 Connect to this unit using your mobile phone's Bluetooth settings.

The "Bluetooth device is connected" with " " icon are appeared and Bluetooth signal is switched to on.

▶**Disconnecting/Connecting again the Bluetooth phone**

If disconnection/connection of the Bluetooth device with this unit is required, follow the steps below.

1 Press the **PHONE** button > tap the **Set up** > **Pairing** to enter Pairing Settings menu screen.

2 Tap the connected phone list, and select the desired option as follows;

❶ : Return to the previous screen.
❷ ▲/▼: Move to the previous/next list page.
❸ Searching method: Search from Bluetooth device or this unit for pairing/connecting.
❹ ✓ **Connect** / ✕ **Disconnect**: Connect/disconnect the selected device.
❺ **Delete**: Delete the selected device.
❻ ❶ **More Info**: Show the information of selected device.

Phone menu

▶**Operating the basic phone menu**

1 Press the **PHONE** button to enter the Phone menu screen, and select the desired option as follows;


❶ **Phone name**: Show the connected Bluetooth phone name.
❷ **Phone condition**: Show the connected phone's battery and network condition.
❸ **Keypad**: Input the phone number.
❹ **Send**: Start the dialing entered number.
❺ **End**: End a call.
❻ : Deletes entered a number.
❼ **Contacts**: Open the contacts list.
❽ **Private/Hands-free**: Switch the talk path during a call.
❾ **Set up**: Enter the Bluetooth Setup menu screen.

English

Phone menu

▶Answering a call

When you receive a call, your phone rings and the "Incoming call" pop-up screen is displayed on the screen.

1 To answer the call, press the **Call [ ]** button on the Steering wheel remote control or tap the ❶ **Accept** on the screen.
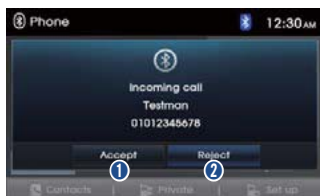
The built-in microphone of this unit will pick up your voice.

To reject an incoming call, press the **End [ ]** button on the Steering wheel remote control or tap the ❷ **Reject** on the screen.

▶Redialing the Last Call

1 Press and hold the **Call [ ]** button on the Steering wheel remote control to start the last call redialing.

 ■ Some mobile phones may require an additional press of the button when starting last number redial.

▶Making a call by entering phone number

1 Press the **Call [ ]** button on the Steering wheel remote control to display the Phone menu screen.

2 Input the phone number you want to call by using the ❶ **Keypad**, and then tap the ❷ **Send**.
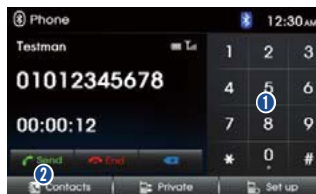
You can use the phone book entries stored on the memory of phone supporting PBAP (Phone Book Access Profile) profile.
After connecting your unit and Bluetooth phone via Bluetooth wireless technology, the numbers in your phone's phone book is transferred automatically in to the phone book.

▶Ending phone calls

1 Tap the **End [ ]** on screen or press the **End [ ]** button on the Steering wheel remote control.

Call list/Phonebook

▶Calling a number in the call list

After connecting this unit and your Bluetooth phone via Bluetooth wireless technology, the numbers in your phone's Dialed call, Received call and Missed call list are transferred automatically into the call list.

1 Tap the **Send** on the Phone menu screen.

2 Select the desired call list and option as follows;

❶ : Return to the previous screen.
❷ ▲/▼: Move to the previous/next page in the list.
❸ **Call list type**: Select the type of call list.
❹ **Download**: Download call list from your phone.
❺ **Call**: Start the calling selected call list.
❻ **Delete**: Delete selected a list.
❼ **Del. All**: Delete all list.

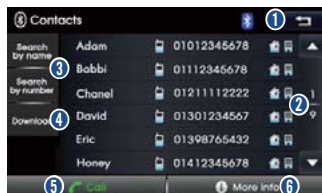**3** To make a call the selected contact list, tap the ❺ **Call**.

Call list/Phonebook

▶**Using your Phonebook**

After finding the entry in the phonebook you want to call, you can select the number and make a call.

1 Tap the 🖼 **Contacts** on the Phone menu screen.

2 Select the desired contact list and/or option as follows;

❶ ⤺: Return to the previous screen.
❷ ▲/▼: Move to the previous/next page in the list.
❸ **Searching method**: Search method by name or number.
❹ **Download**: Download phone book from your phone.
❺ 📞 **Call**: Start the calling selected contact list.
❻ ❶ **More Info**: Show the information of selected contact.

3 To make a call the selected contact list, tap ❺ 📞 **Call**.

Bluetooth Setup

1 To enter the Bluetooth Setup menu screen, press the **PHONE** button > tap the ❶ 🖼 **Set up**.

2 Select the desired setting menu as followings;

❶ **Pairing**: Enter the Pairing settings menu screen. (refer to page 20 ~ 21 "Connecting the Bluetooth phone" section)
❷ **Device**: Enter the Device settings menu screen.
❸ **Data Management**: Enter the Data Management menu screen.

▶**Device Settings**

1 Tap the **Device** on the Bluetooth Setup menu screen, and select the desired Device setting menu as follows;
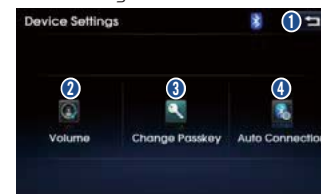
❶ ⤺: Return to the previous screen.
❷ **Volume**: Adjust the level of the hands-free talk volume.
❸ **Change Passkey**: Change the Passkey for Bluetooth pairing.
❹ **Auto Connection**: Set the Auto Connection method.

2 To set the volume level of the hands-free talk, tap the **Volume**, then select the desired setting option as follows;

English

English
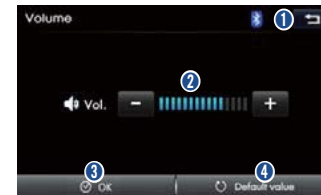
Bluetooth Setup

❶ ⮌: Return to the previous screen.
❷ **Vol. − / +**: Adjust the level of the talk volume.
❸ ✓ **OK**: Confirm your selection.
❹ ↻ **Default value**: Initialize settings to the default.

▶Changing the Passkey

1 To change the Passkey for Bluetooth pairing, tap the **Change Passkey**, and then select the desired setting option as follows;

❶ ⮌: Return to the previous screen.
❷ **Keypad**: Input the number.
❸ ✓ **OK**: Confirm your selection.
❹ ↻ **Default value**: Initialize settings to the default.

▶Setting the Auto Connection

1 To activate/deactivate the auto connection, tap the **Auto Connection**, and then select the desired setting

option as follows;
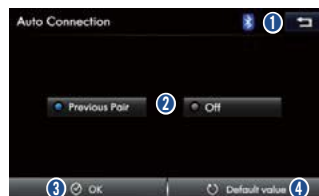
❶ ⮌: Return to the previous screen.
❷ **Auto connection method**: Select the auto connection method or Off.
❸ ✓ **OK**: Confirm your selection.
❹ ↻ **Default value**: Initialize settings to the default.

▶Data Management

1 To enter the Data Management menu screen, press the **PHONE** button > tap the ❶ ⚙ **Set up** > ❷ **Data Management**.

2 Select the desired Managing menu as follows;

❶ ⮌: Return to the previous screen.
❷ **Delete Call History**: Delete the call history.
❸ **Delete Phonebook**: Delete the Phonebook.

3 In case of Delete Call History/Phonebook, a delete message will appear. Tap the **Yes** to accept, or **No** to cancel it.

DVD/VCD/CD

▶Playing DVD/Video CD/Audio CD

1 Insert a DVD, Video CD or Audio CD into the disc slot.

Playback may automatically start depending on the disc. It may take some time to start playing.

All tracks will be played until you change the source or eject the disc.

Disc is already inserted, press the **MEDIA** button, and then tap the **DVD/VCD/Audio CD** on the Media menu screen.

Note: DVD region numbers

The System will refuse to play discs that are not coded for its region. Confirm the region number for this machine before inserting disc.

2 The functions of the Audio CD player are operated similarly to USB Music playback.
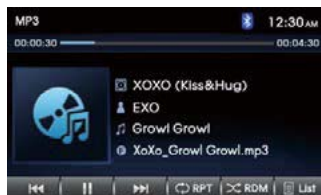
If a title menu appears on screen, the DVD video has a title menu, or the

VIDEO CD is equipped with the PBC (Playback Control) function. Follow next page "Using the DVD Title/Menu" or "Using the PBC menu on VCD" section.

Caution: While driving, you can not watch the DVD/VCD video.

In case of DVD/Video CD, to show the control panel screen, tap the playing screen, and select the desired option as follows;

<DVD playback screen>

❶ **Playing information**: Shows the currently playing information.
❷ ◄◄/►►I : Skip to previous or next title.
❸ II/► : Pause/resume the playback.
❹ ▦ **Menu**: Show the DVD Menu screen.
❺ ▤ **List**: Enter the chapter/title list menu screen.

<Video CD playback screen>

❶ **Progress bar**: Show the progress bar with elapsed time/running time for currently playing track.
❷ **Track number**: Shows the current track number.
❸ PBC On : Indicator the PBC status.
❹ ◄◄/►►I : Skip to previous/next track.
❺ II/► : Pause/resume the playback.
❻ ▥ **PBC**: Shows the PBC Menu.
❼ ↻ **RPT**: Change the Repeat playback mode.
 • ↻: Repeat plays the current track.
 • ↻: Repeat plays all tracks within the disc.
❽ ▤ **List**: Enter the track list menu screen.

To return to the full screen without control panel, tap the Playing screen again.

English

DVD/VCD/CD

3 To pause/resume playback, tap the ❙❙/▶.

4 To skip to the previous or next track/ chapter, tap the I◀◀ / ▶▶I repeatedly.

5 To fast search for DVD, tap the ⌃ **TUNE** ⌄ button repeatedly. Each time, the playback speed changes as follows; x 2 → x 4 → x 8 → x 16 → normal → x 2 → …

6 To open the DVD menu, tap the **MENU**, and select the desired option from DVD contents as follows;

❶ **DVD Title**: Show the DVD Title.
❷ **DVD Menu**: Show the DVD Menu.
❸ **Change Voice**: Change the Voice contents.
❹ T **Change Subtitle**: Change the Subtitle.
❺ **Change Angle**: Tap it repeatedly to change the multi angle video contents.

To open the VCD PBC menu, tap the **PBC**, and select the desired option as follows;

❶ **PBC Off/On**: Activate/deactivate the PBC Function.
❷ **PBC Menu**: Shows the PBC Menu.

▶**Using the DVD title/menu**

1 Tap the **DVD Title** or **DVD Menu** to open the DVD Title or menu screen, and select the desired option as follows;

❶ **Min/ Max**: Minimize/Maximize the menu control screen.
❷ ⌃/⟨/⌄/⟩/**OK**: Move and select the item.
❸ ⬅**Move**➡: Move to left/right the menu control screen.
❹ **Original DVD title/menu screen**

2 To enter the DVD title/menu item, select the desired title/menu item by using the ⌃/⟨/⌄/⟩, and tap the **OK**.

▶**Using the PBC menu on the VCD**

1 Tap the **PBC** > **PBC On** and **PBC Menu** to open the VCD PBC menu.

2 Select the desired option as follows;

❶ **Preview screen**: Shows the selected track's preview video.
❷ **Keypad**: Enter the track number.
❸ **Pre/Next**: Move to previous or next track.
❹ **PBC Off**: Disable the PBC Function. Playback may automatically start.
❺ **Root**: Go to the Root.
❻ **Done**: Shows the selected track's video.

DVD/VCD/CD

▶**Using the List mode**

1 Tap the ▤ **List** to enter the List screen, and select the desired option as follows;
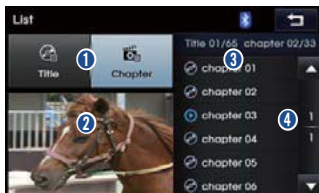
❶ **Title**/**Chapter**/**Track**: Select to show the list type.

❷ **Preview screen**: Preview the currently playing Track/chapter/track. To start playback for full screen, tap it.

❸ **List**: Show the Title/Chapter/Track list.

❹ ▲/▼: Move to the previous/next list page.

▶**Ejecting a disc**

1 To end playback, press the **EJECT [⏏]** button to take out the disc.

When the disc comes out, it automatically switches to the previously used function or the FM radio.

The disc will automatically be inserted back again if it is not taken out for some time.

▶**Disc handling precautions**

■ Handle discs by the edges to avoid inadvertent scratches or fingerprints on the disc.

■ Do not attach labels or stickers to discs (This may cause disc warping, rendering it unusable).

■ Do not write on the label side with a ball-point pen or other writing instrument.

■ Do not use record cleaning sprays, benzene, thinner, static electricity prevention liquids or any other solvent.

■ Do not use scratch-proof protectors or covers.

■ Do not use the following discs:
 – Discs with exposed adhesive from removed stickers or labels (rented discs etc.).
 – Discs those are badly warped or cracked.
 – Irregularly shaped discs, such as heart shapes.

▶**Playable discs**

■ CD, CD-R, CD-R/W containing Audio tracks or MP3[WMA] files.

■ Video CD 1.0, Video CD 2.0 (PBC), DVD, DVD-R or DVD-R/W

■ Mixed Disc
 – CD-DA + VCD: Recognized as VCD
 – CD-DA + MP3: Recognized as CD-DA

▶**Playable/compatible sound mode**

■ PCM, DOLBY, DTS, Normal Stereo, L CH, R CH, L+R (Mix Mono), DTS-CD, MPEG

English

Getting started with Navigation

▶What is GPS?

The Global Positioning System (GPS) is a satellite-based navigation system made up of a network of 24 satellites placed into orbit by the U.S. Department of Defense.

GPS was originally intended for military applications, but in the 1980s, the government made the system available for civilian use.

GPS works in any weather conditions, anywhere in the world, 24 hours a day. There are no subscription fees or setup charges to use GPS.
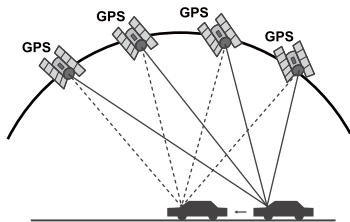
▶About satellite signals

Your unit must acquire satellite signals to operate. If you are indoors, near tall buildings or trees, or in a parking garage, the unit cannot acquire satellites.

▶Acquiring satellite signals

Before the unit can find your current location and navigate a route, you must do the following steps:

1. Go outside to an area free from tall obstructions.

2. Turn on the unit.
Acquiring satellite signals can take a few minutes.

▶Initial navigation screen

After the ignition switch is p laced in the ACC or ON position, when you enter a navigation mode for the first time, the caution screen is displayed on the screen. Read the caution carefully and then touch [Agree].
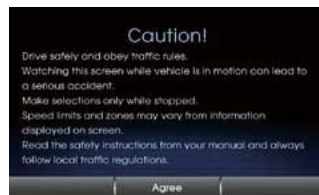
▶Cannot identify the current location. (GPS not receiving)

GPS cannot be used indoors and must be connected to a power source with ACC in

a vehicle in a location where the signal from the sky can be received easily.

When initially connecting the GPS, it usually takes about 10 minutes to be working normally, but the connection speed can differ depending on the weather condition, and surrounding obstacles.

If the GPS connection is unstable for a long period of time, try the following.

■ Check if the product is connected to a power source.

■ Check if the back of the GPS product is in a location where the sky can be seen well.

■ If there are high buildings or if you are under a tree, move to a location where there aren't any obstacles.

▶Cannot hear the voice guide.

The volume is not set correctly, or it is turned off. Adjust the volume of voice guidance.

There is a difference between the driving road and the road on the map in the product.

Even though GPS is usually very accurate, there is a small margin for error.

When the GPS receiver is installed, there can be an error of about 10 m. But for

Getting started with Navigation

newly built roads, the problem could come from the data update to the map.

▶Cannot see the map.

Perhaps you cannot see the map even when you have executed the navigation menu.

This happens when the data within the memory is damaged. Delete all the data in the memory and install the data again.

If the issue persists after installation, contact the A/S center.

▶The path guide can be different from the actual path. (Path guide error)

■ When the road is closely parallel.
■ When the splitting road angle is very small.
■ When there is an adjacent road when turning.
■ When driving on a road that is narrowing fast.
■ When driving through the mountain or where the road is too curvy.
■ When the starting, passing and arriving locations are too close within 1 km.
■ When you have set the starting, passing or arriving location more than 1 km away from the road.
■ When driving through the tunnel.

▶Map matching

As mentioned, the GPS systems used by this Navigation System are susceptible to certain errors. Their calculations may on occasion place you in a location the map where no road exists. In this situation, the processing system understands that vehicles travel only on roads, and is able to correct your position by adjusting it to a nearby road. This is called map matching.

<With map matching>

<With no map matching>

English

English
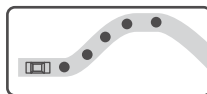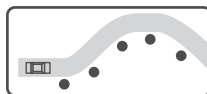
Getting started with Navigation

1 To enter the Navigation mode, press the corresponding button as below.
MAP: Display the current location map screen.

NAVI: Enter the Navigation Menu screen.

2 When the Navigation mode is displayed, the relevant previously used radio or media playback will remain without visible on the screen.

This feature is displayed on the screen, or changes other features to the feature button.

3 When the Navigation mode is displayed, you can control playback for background radio or media playing mode by using the buttons/dials on steering wheel remote control and unit.
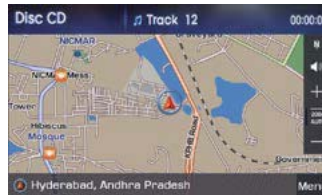
For more information about how to use the Navigation system, refer to its instruction manual.

Setting the Sound

1 Press the **SETUP** button to enter the SETUP menu screen, and select the desired option as follows;

❶ **Sound**: Sets the sound state.
❷ **Display**: Sets the screen state.
❸ **System**: Shows the system information of the product and should update.

2 Tap the **Sound** to enter the Sound Settings menu screen, and select the desired option as follows;

❶ ⤺: Return to the previous screen.
❷ **BAL/FADER**: Set the Balance/Fader for listening position or Treble/Mid/Bass/Beep level.
❸ **EQ**: Set the EQ style.

❹ **NAVI Mix**: Set the media volume when voice guidance instructs the direction.

▶**Adjusting the sound Balance/Fader and Treble/Mid/Bass/Beep level**

3 Tap the **BAL/FADER** on Sound Settings menu screen, and select the desired option as follows;

❶ ⤺: Return to the previous screen.
❷ ▲/▼/◀/▶: Adjust the sound balance or fader for listening position.
❸ **Center**: Return to center for listening position.
❹ **-/+**: Adjust the level of Treble/Mid/Bass /Beep sound.
❺ ⊘ **OK**: Confirm your selection.
❻ ↻ **Default Value**: Initialize settings to the default.

▶**Selecting the EQ style and Loudness function**

4 Tap the **EQ** on the Sound Settings menu screen, and select the desired EQ option

as follows;

❶ ⤺: Return to the previous screen.
❷ ▲/▼: Adjust each level of frequency band for custom sound style.
❸ **EQ styles**: Select the EQ (Equalizer) style or customize the your option.
❹ **Loudness on**: ☑Activate/☐deactivate the loudness mode.
❺ ⊘ **OK**: Confirm your selection.
❻ ↻ **Default Value**: Initialize settings to the default.

▶**Setting the NAVI Mix function**

5 Tap the **NAVI Mix** on the Sound Settings menu screen, and select the desired option as follows;

Setting the Sound

❶ ⤶: Return to the previous screen.
❷ 0 ~ 5: Select the level of media volume for voice guidance instructs.
❸ OK: Confirm your selection.

Setting the Display

1 Tap the **Display** on the SETUP menu screen, and select the desired option as follows;

❶ ⤶: Return to the previous screen.
❷ **Brightness/Color**: Set the Brightness/Color of the screen.
❸ **Picture Frame**: Set the frame of power off (standby) mode.

▶**Adjusting the brightness and color of the screen**

2 Tap the **Brightness/Color** on Display Settings menu screen, and select the desired option as follows;

❶ ⤶: Return to the previous screen.
❷ **Low/High**: Adjust the level of the brightness and color for Video screen.
❸ ⊘ OK: Confirm your selection.
❹ ↻ **Default Value**: Initialize settings to the default.

▶**Setting the Picture Frame type for power off (standby) mode**

3 Tap the **Picture Frame** on the Display Settings menu screen, and select the desired option as follows;

❶ ⤶: Return to the previous screen.
❷ **Clock/No Image**: select the desired frame type of standby mode screen.
❸ OK: Confirm your selection.

Setting the System

1 Tap the **System** on the SETUP menu screen, and select the desired option as follows;

❶ ⤺: Return to the previous screen.
❷ **Device Information**: Check the information of this A/V system, update the software or restore all settings to default settings.
❸ **Language**: Select the language to be displayed on the screen.
❹ **Time**: Set the time format and current time.
❺ **DVD**: Set the DVD player performance.

▶**Checking/Updating/Initializing this unit**

2 Tap the **Device Information** on the System Settings menu screen, and select the desired option as follows;
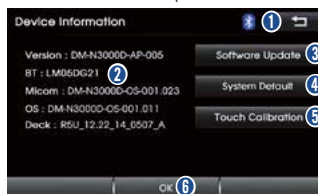
❶ ⤺: Return to the previous screen.
❷ **Device information**: Shows the system software version of this unit.
❸ **Software Update**: Update the system software by downloading new firmware files in a USB device.
❹ **System Default**: Initialize all the settings to the default.
❺ **Touch Calibration**: If touch point does not fit well, it can be calibrated so that its position is more appropriate.
❻ **OK**: Confirm your selection.

▶**Selecting the Language**

3 Tap the **Language** on the System Settings menu screen, and select the desired option as follows;

❶ ⤺: Return to the previous screen.
❷ **Language**: Select the language for displaying on the screen.
❸ **OK**: Confirm your selection.

English

English

Setting the System

▶**Setting the Time and Date**

4 Tap the **Time** on the System Settings menu screen, and select the desired option as follows;

❶ ⬏: Return to the previous screen.
❷ **Time Format**: Set the time format between the 12Hr or 24Hr.
❸ **GPS Auto Time Set**: Activate (On)/deactivate (Off) the current time setting via GPS signal.
❹ **-/+, AM/PM**: Adjust the Hour, Minute, AM/PM or Day, Month, Year.
❺ **OK**: Confirm your selection.
❻ **Date**/ **Time**: Enter the Date/Time Settings screen.

▶**Setting the DVD Player**

1 Tap the **DVD** on the System Settings menu screen, and select the desired option as follows;

❶ ⬏: Return to the previous screen.
❷ **Voice**: Set the Voice language for DVD player's performance.
❸ **Caption**: Set the Caption language.
❹ **Menu**: Set the Menu language.

2 Tap the ❷ **Voice**, ❸ **Caption** or ❹ **Menu** on the DVD settings menu screen, and select the desired option as follows;

❶ ⬏: Return to the previous screen.
❷ **Language list**: Set the language for DVD player's performance.
❸ **Other**: Open the other language input screen.
❹ **No Caption**: Disable the caption displaying.
❺ **OK**: Confirm your selection.

3 In case of ❸ **Others** selecting, enter the desired Language Code by using the ❻ **Keypad**, and tap the ❽ **OK**. (Refer to Language code table in next page)
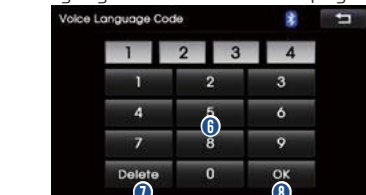
❻ **Keypad**: Enter the number.
❼ **Delete**: Delete the input number.
❽ **OK**: Confirm your selection.

Setting the System

▶Language code table

Language	Code	Language	Code	Language	Code	Language	Code	Language	Code	Language	Code
Afar	0101	Greek	0512	Interlingue	0905	Malagasy	1307	Kirundi	1814	Tajik	2007
Abkhazian	0102	English	0514	Inupiak	0911	Maori	1309	Romanian	1815	Thai	2008
Afrikaans	0106	Esperanto	0515	Indonesian	0914	Macedonian	1311	Russian	1821	Tigrinya	2009
Amharic	0113	Spanish	0519	Icelandic	0919	Malayalam	1312	Kinyarwanda	1823	Turkmen	2011
Arabic	0118	Estonian	0520	Italian	0920	Mongolian	1314	Sanskrit	1901	Tagalog	2012
Assamese	0119	Basque	0521	Hebrew	0923	Moldavian	1315	Sindhi	1904	Setswana	2014
Aymara	0125	Persian	0601	Japanese	1001	Marathi	1318	Sangro	1907	Tonga	2015
Azerbaijani	0126	Finnish	0609	Yiddish	1009	Malay	1319	Serbo-Croatian	1908	Turkish	2018
Bashkir	0201	Fiji	0610	Javanese	1022	Maltese	1320	Singhalese	1909	Tsonga	2019
Byelorussian	0205	Faeroese	0615	Georgian	1101	Burmese	1325	Slovak	1911	Tatar	2020
Bulgarian	0207	French	0618	Kazakh	1111	Nauru	1401	Slovenian	1912	Twi	2023
Bihari	0208	Frisian	0625	Greenlandic	1112	Nepali	1405	Samoan	1913	Ukrainian	2111
Bislama	0209	Irish	0701	Cambodian	1113	Dutch	1412	Shona	1914	Urdu	2118
Bengali	0214	Scots Gaelic	0704	Kannada	1114	Norwegian	1415	Somali	1915	Uzbek	2126
Tibetan	0215	Galician	0712	Korean	1115	Occitan	1503	Albanian	1917	Vietnamese	2209
Breton	0218	Guarani	0714	Kashmiri	1119	(Afan) Oromo	1513	Serbian	1918	Volapuk	2215
Catalan	0301	Gujarati	0721	Kurdish	1121	Oriya	1518	Siswati	1919	Wolof	2315
Corsican	0315	Hausa	0801	Kirghiz	1125	Punjabi	1601	Sesotho	1920	Xhosa	2408
Czech	0319	Hindi	0809	Latin	1201	Polish	1612	Sudanese	1921	Yoruba	2515
Welsh	0325	Croatian	0818	Lingala	1214	Pashto	1619	Swedish	1922	S-Chinese	2608
Danish	0401	Hungarian	0821	Laothian	1215	Portuguese	1620	Swahili	1923	Zulu	2621
German	0405	Armenian	0825	Lithuanian	1220	Quechua	1721	Tamil	2001		
Bhutani	0426	Interlingua	0901	Latvian	1222	Rhaeto-Romance	1813	Telugu	2005		

English

Getting started with Climate System

▶**Climate control**
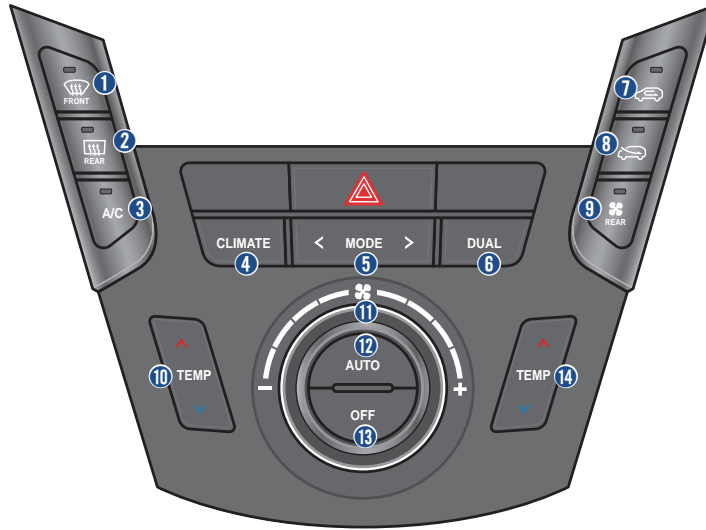
❶ FRONT [＊] button
Removes humidity and frost by blowing fan towards the front window.

❷ REAR [＊] button
The side mirror and rear window defroster is turned on/off.

❸ A/C button
Turns the air conditioner on/off.

❹ CLIMATE button
Displays the climate home screen.

❺ ＜ MODE ＞ button
Sets the fan direction.

❻ DUAL button
Turns DUAL mode on/off.
Upon turning on DUAL, the driver-side and passenger-side temperature can be operated independently.

❼ Recirculated air position [＊] button
Switches the air intake mode to recirculation.

❽ Outside (fresh) air position [＊] button
Switches the air intake mode to outside.

❾ 3rd air conditioning ON/OFF [＊] button
Turns the 3rd air conditioner on/off.

❿ ⋀ TEMP ⋁ buttons
Controls the driver-side temperature.

⓫ FAN [＊] Dial
Sets the fan speed.

⓬ AUTO button
Operates auto temperature mode to maintain cabin temperature at suitable levels relative to outside temperature.

⓭ OFF button
Turns the climate system off.

⓮ ⋀ TEMP ⋁ buttons
Controls the passenger-side temperature.

Notes: The actual feature in the vehicle may differ from the illustration.

Getting started with Climate System

▶**Controlling the Climate**

1 Press the **CLIMATE** button to display the Climate Home screen.

2 When the Climate Home is displayed, the relevant previously used radio or media playback will remain without visible on the screen.

This feature is displayed on the screen, or changes other features to the feature button.

3 When the Climate home is displayed, you can control playback for background radio or media playing mode by using the buttons/dials on steering wheel remote control and unit.

4 When operating in Multimedia or Navigation mode, pressing a Climate related button, such as **AUTO**, **A/C** will display the Climate status bar at the top of screen.
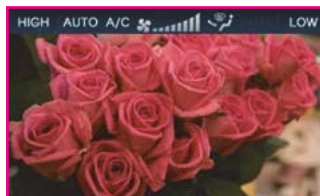
▶**Basic Mode Screen**

1 To display the Climate information, enter the **CLIMATE** home screen or press a Climate related button in Multimedia or Navigation mode.

❶ **Driver-side Temperature**: Displays the driver-side temperature.

❷ **AUTO Display**: Displays whether the heating/cooling auto function is on/off.

❸ **A/C Display**: Displays whether the Air-conditioner is on/off.

❹ **Fan Speed Display**: Displays the current fan speed.

❺

Getting started with Climate System

English

Português

Español

❺ **DUAL mode**: Enables the driver/passenger temperature to be set independently.

❻ **Fan direction**: Displays the set fan direction.

❼ **Passenger-side Temperature**: Displays the passenger-side temperature.

▶**Controlling Driver/Passenger Temperature Simultaneously or Independently**

1 Press the **Time** button to turn the DUAL mode off.

2 When **DUAL** mode is disabled, the driver-side and passenger-side temperatures are controlled simultaneously.

3 Press the **DUAL** button to turn the DUAL mode off.

4 When DUAL mode is enabled, the driver-side and passenger-side temperatures can be controlled independently.

Notes:
- The cabin temperature can be adjusted in 0.5℃ units within a range of 17.5℃ ~31.5℃.
- The temperature will be displayed as LOW once it is adjusted below 17.5℃ and HIGH

once it is adjusted above 31.5℃.
- When setting the driver-side temperature with DUAL on, DUAL will turn off once the driver-side temperature is set to LOW or HIGH.

▶**Setting Fan Direction**

1 Press the **MODE** button repeatedly. Each time, the Direction Mode of the air flow changes as follows

❶ ❷ ❸ ❹

❶ **Face Direction**: Air flow is directed toward the upper body and face.

❷ **Bi Direction**: Air flow is directed towards the face and the floor.

❸ **Floor Direction**: Most of the air flow is directed to the floor, with a small amount of the air being directed to the windshield, side window defrosters, and side vents.

❹ **Floor/Defrost Direction**: Most of the air flow is directed to the floor and the windshield with a small amount directed to the side window defrosters, and side vents.

▶**Setting Fan Speed**

1 To change the fan speed, turn the **FAN** dial to the right for higher speed or left for lower speed.

Notes:
- If the fan speed is changed while in AUTO mode, AUTO mode will turn off.

For more information about how to use the CLIMATE System, refer to its instruction manual.

Troubleshooting

Sympton	Cause	Correction
Power does not turn on.	The ignition switch is NOT turned ON.	Turn the ignition switch to ON.
The unit does not operate.	The ignition switch is NOT set to ACC.	Set the ignition switch to ACC.
	The power of unit is turned OFF.	Turn the unit on by pressing POWER button on the front panel.
	Noise and other factors are causing the built-in microprocessor to operate incorrectly.	Turn the unit off and then on.
USB playback is not possible.	The type of USB loaded cannot be played by this unit.	Check the type of USB memory.
	The files on the USB are an irregular file format.	Check the file format.
Disc does not start playback.	The region number of the DVD disc is unmatched to the unit.	Only DVD discs with the Unit's playable region code or All, or with no region number can be played by the unit.
	An unplayable disc is inserted.	Check the playable discs.
	The disc is dirty.	Eject the disc and clean it.
No sound.	The volume level is low (VOL 0: MUTE).	Increase the volume.
	The mute is on.	Turn the mute off.

Specifications

FM/AM Radio	■ Range of tuning	FM: 87.7 ~ 107.9 MHz / 200 kHz Steps AM: 530 ~ 1,710 kHz / 10 kHz Steps
	■ Sensitivity	FM: 1.5 μV, AM: 15 μV
	■ Division stereo FM	30 dB
USB Player	■ Usable media file/format	– Music MP3: 8 ~ 160 kbps/32 ~ 320 kbps, WMA: 64 ~ 192 kbps – Video MP4, WMV, MPEG – Image JPG: 4,000 x 4,000, BMP/PNG: 1,024 x 768
	■ Format logical file	ISO 9660 (level 1, 2 & 3), Joliet MP3: Sampling rate 44.1 kHz Bit rate 32 ~ 320 KB/s with VBR
	■ ID3 Tags	ID3v1, ID3v2
Disc player	■ Playable discs	CD, CD-R, CD-R/W containing Audio tracks or MP3 [WMA] files. Video CD 1.0, Video CD 2.0 (PBC) DVD, DVD-R or DVD-R/W CD-DA + VCD Mixed Disc: Recognized as VCD, CD-DA + MP3 Mixed Disc: Recognized as CD-DA
	■ Playable sound mode	PCM, DOLBY, DTS, Normal Stereo, L CH, R CH, L+R (Mix Mono), DTS-CD, MPEG
Bluetooth	■ Version 2 .0	Version 2 .0
	■ Output Power	+ 4 dBm Max
	■ Profile	Advanced Audio Distribution Profile, Audio Remote Control Profile, Hands-Free Profile, Head Set Profile
AUX	■ Input sensitivity	2 V (Volume Step 20), 700 mV @ 10 K ohms.

▶ Note
This equipment operates on a secondary basis, ie, not entitled to protection from harmful interference, even from stations of the same type, and can not cause interference to systems operated on a primary basis.

Limited Warranty

ORIGINAL NAVIGATION HEAD UNIT SUPPLIED BY VEHICLE DEALER

Product :

Product No. :

▶WHAT THIS WARRANTY COVERS

1. Vehicle Dealer Shop ("Dealer") guarantees you that the Hardware will be free from defects in workmanship and materials under normal use ("Defects") for a period of three (3) years / 60,000km from the date that the Hardware was first installed by DEALER ("Warranty Period"). During the Warranty Period the Hardware will be repaired or replaced at DEALER's choice ("Limited Warranty") without charge to you for either parts or labor. This Limited Warranty covers the replacement of the head unit including of the Hardware only.

▶WHAT THIS WARRANTY DOES NOT COVER

2. The Limited Warranty does not apply to normal wear and tear, does not apply when the Hardware is opened or repaired by someone not authorized by DEALER and does not cover repair or replacement of any Hardware or part thereof damaged by: misuse, moisture liquids, proximity or exposure to heat and accident, abuse, non-compliance with the instructions supplied with the Hardware, neglect or misapplication. The Limited Warranty does not cover physical damage to the surface of the Hardware. This Limited Warranty does not cover any software that may accompany or be installed on the Hardware.

The Limited Warranty does not cover the installation, removal or maintenance of the Hardware or any costs related herewith.

▶HOW TO MAKE A WARRANTY CLAIM

3. In order to make a claim of a Defect, you must contact DEALER. If a defect arises and a valid claim under this Limited Warranty is received by DEALER after the first 3 years/60,000 km of the Warranty Period, DEALER is entitled to charge you for any reasonable shipping and handling costs made in connection with the repair or replacement of the Hardware.
You must comply with any other return procedures stipulated by DEALER, if any.

▶DEALER LIMITED WARRANTY

YOUR LEGAL RIGHTS

4. Some countries may not allow the exclusion or limitation of damages. If any part of this Limited Warranty is held to be invalid or unenforceable, the remainder of the Limited Warranty shall nonetheless remain in full force and effect.

5. This Limited Warranty is the only express warranty made to

English

Limited Warranty

you and is provided in place of any other express warranties or similar obligations (if any) created by any advertising, documentation, packaging, or other communications.

6. Except for the Limited Warranty and to the maximum extent permitted by applicable law, DEALER and its suppliers provide the Hardware "AS IS AND WITH ALL FAULTS", and hereby disclaim all other warranties and conditions, whether express, implied or statutory, including, but not limited to, any (if any) implied warranties, duties or conditions of satisfactory quality, or fitness for a particular purpose, of reliability or availability, of accuracy or completeness of responses, of results, of workmanlike effort, of lack of viruses, and of reasonable care and skill, all with regard to the Hardware, and the provision of or failure to provide support or other services, information, software, and related content through the Hardware or otherwise arising out of the use of the Hardware. Also, there is no warranty or condition of quiet enjoyment, quiet possession, or non-infringement with regard to the Hardware.

7. This Limited Warranty does not affect any legal rights under applicable national legislation governing the sale of consumer goods.

8. This Limited Warranty cannot be transferred to any other person.

▶LIMITATION OF LIABILITY

9. Neither DEALER nor its suppliers shall be liable to you or to any third party for any damages either direct, incidental, consequential or otherwise (including in each case, but not limited to, damages for the inability to use the equipment or access data, loss of data, loss of business, loss of profits, business interruption or the like) arising out of the use of or inability to use the Hardware even if DEALER has been advised of the possibility of such damages.

10. Notwithstanding any damages that you might incur for any reason whatsoever, the entire liability of DEALER and any of its suppliers shall be limited to the amount actually paid by you for the Hardware.

11. DEALER shall not be liable for

- any fraud on the part of its employees and/or agents; or

- any fraudulent misrepresentation on the part of its employees and/or agents.

12. Notwithstanding the above, neither party's liability for death or personal injury resulting from its own negligence shall be limited.

FCC Information to User

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and

(2) this device mustaccept any interference received, including interference that may cause undesired operation

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

-Reorient or relocate the receiving antenna.

-Increase the separation between the equipment and receiver.

-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

-Consult the dealer or an experienced radio/TV technician for help.

FCC RF exposure requirements

The antenna used with this module must be installed to provide a separation ditance of at least 20cm from all persons, and must not transmit simultaneously with any other antenna or transmiter except in accordance with FCC multi-transmter product procedures.

Caution

Modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC Compliance Information :

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and

(2) this device must accept any interference received, including interference that may cause undesired operation

SUPPORT - HOTLINE