C2EUH05 (영어 | 미국) 디오디오2세대





Manufactured by

Hyundai Mobis Co., Ltd. 95, Sayang 2-Gil, Munback-Myeon, Jincheon-Gun, Chungcheongbuk-Do 365-862 Korea Thank you for purchasing this multimedia system.

This user's manual explains how to use the HYUNDAI Motor multimedia system. Before using the product, read the contents of this user's manual carefully and use this product safely.

- The screens shown in this manual may differ with the actual screens of the product.
- The design and specification of this product may change without prior notification for product improvement.
- When transferring the vehicle to another individual, include this user's manual so that the next driver can continue its use.

Precaution for safe usage

- Driving while distracted can result in a loss of vehicle control, that may lead to an accident, severe personal injury, and death. The driver's primary responsibility is in the safe and legal operation of a vehicle, and use of any handheld devices, other equipment, or vehicle systems which take the driver's eyes, attention and focus away from the safe operation of a vehicle or which are not permissible by law should never be used during operation of the vehicle.
- Do not operate the multimedia system while driving.
- Do not disassemble, assemble, or modify the multimedia system.
- Do not watch the screen for prolonged periods of time while driving.
- Set the volume to a level which allows the driver to be aware of external conditions.

- Do not operate the multimedia system for prolonged periods of time with the vehicle ignition in ACC. Such operations may lead to battery discharge.
- Be cautious not to spill water or introduce foreign objects into the device.
- Do not cause severe shock to the device.
 Direct pressure onto the front side of the monitor may cause damage to the LCD or touch panel.
- In case of product malfunction, please contact your place of purchase or service center.
- When cleaning the touch screen, make sure to turn off the device and use a dry and smooth cloth. Never use tough materials, chemical cloths, or solvents (alcohol, ammonia, benzene, thinners, etc.) as such materials may damage the device panel or cause color and quality deterioration.

WARNING

 Driving while distracted can result in a loss of vehicle control that may lead to an accident, severe personal injury, and death. The driver's primary responsibility is in the safe and legal operation of a vehicle, and use of any handheld devices, other equipment, or vehicle systems which take the driver's eyes, attention and focus away from the safe operation of a vehicle or which are not permissible by law should never be used during operation of the vehicle.

Read the following safety precautions for your safety

Before using the product, read the contents of this user's manual carefully and use this product safely.

** The design and specifications of this product may change without prior notification for product and service improvement.
The actual features in the vehicle may differ from the illustrations.
For more accurate information about the vehicle, please refer to the

catalogue.

- ** This Audio system contains open source software, including without limitation, software distributed and/or modified under the GNU General Public license, Version 2, June 1991, and the GNU lesser General Public License, Version 2.1, February 1999.
 - For additional information and to obtain related materials including without limitation, the previous referred to licenses and software, please contact us at MOBIS_OSSrequest@mobis.co.kr

Notations used within this User's Manual

WARNING -

 A WARNING indicates that a condition may result in harm, serious bodily injury or death if the warning is ignored.

A CAUTION —

 A CAUTION indicates that a condition may result in damage to your vehicle if the caution is ignored.

Information

Information and tips that provide additional user convenience in using the product

⊘ NOTICE

- Information on specific features that facilitate proper product use and functional understanding
- · Information on terminology used within this manual

HYUNDAI VEHICLE OWNER PRIVACY POLICY

Your Hyundai vehicle may be equipped with technologies and services that use information collected, generated, recorded or stored by the vehicle. Hyundai has created a Vehicle Owner Privacy Policy to explain how these technologies and services collect use and share this information.

You may read our Vehicle Owner Privacy Policy on the Hyundaiusa.com website at:

https://www.hyundaiusa.com/owner-privacy-policy.aspx

If you would like to receive a hard copy of our Vehicle Owner Privacy Policy, please contact our Customer Connect Center at:

Hyundai Customer Care P.O. Box 20850 Fountain Valley, CA 92728 800-633-5151 consumeraffairs@hmausa.com

Hyundai's Customer Connect Center representatives are available Monday through Friday, between the hours of 5:00 AM and 7:00 PM PST and Saturday and Sunday between 6:30 AM and 3:00 PM PST (English).

For Customer Connect Center assistance in Spanish or Korean, representatives are available Monday through Friday between 6:30 AM and 3:00 PM PST.

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iPod[®]

iPod® is a registered trademark of Apple Inc.

Bluetooth® Wireless Technology

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A *Bluetooth*® Wireless Technology enabled cell phone is required to use *Bluetooth*® Wireless Technology. *Bluetooth*® Wireless Technology phone compatibility can be checked by visiting https://www.hyundaiusa.com/bluetooth.



part.1 Basic

Warnings and Cautions
Key Product Features
Component Names and Functions
Starting the System for the First Time

Basic

▲ Warnings

Park the vehicle before operating the device.

- Do not disassemble, assemble, or modify the Multimedia system. Such acts could result in accidents, fire, or electric shock.
- Heed caution not to spill water or introduce foreign objects into the device.
 Such acts could lead to smoke, fire, or product malfunction.
- If you use phone related functions while driving, you will find it difficult to concentrate on operating the vehicle and the current traffic conditions, so the possibility of an accident may increase. Please use phone related functions only when parked.
- Do not stop or park in parking-restricted areas to operate the product. Such acts could lead to traffic accidents.

- For most Audio and multimedia modes, the display will not operate when the vehicle is in motion. For your safety, first park the vehicle to watch or view the screen. (The screen will only operate when the parking brake is ON for manual transmission vehicles and when the parking brake is ON or the gearshift is in the P (PARK) position for automatic.)
- Some functions other than the one mentioned above cannot be used while driving. These functions operate only when the vehicle is parked.

Cautions

Turn on the car ignition before using this device. Do not operate the Multimedia system for long periods of time with the ignition turned off as such operations may lead to battery discharge.

Pay attention to traffic conditions while driving.

- Upon using the Multimedia system for more than 10 minutes with the car engine turned off, the following warning will be displayed. After 10 minutes, the warning will be displayed for 5 seconds every 1 minute.
- Do not subject the device to severe shock or impact. Direct pressure onto the front side of the monitor may cause damage to the LCD or touch screen.
- When cleaning the device, make sure
 to turn off the device and use a dry and
 smooth cloth. Never use tough materials, chemical cloths, or solvents(alcohol,
 benzene, thinners, etc.) as such materials may damage the device panel or
 cause color/quality deterioration. When
 experiencing product concerns, inquire
 with your place of purchase or service
 maintenance center.
- Prevent caustic solutions such as perfume and cosmetic oil from contacting the dashboard because they may cause damage or discoloration.

Key Product Features

This device is a Multimedia system equipped with a multifunctional player that supports Radio (FM, AM), USB, iPod, AUX and Bluetooth Audio features. The WIDE VGA LCD provides a high quality resolution while the powerful and rich sound system adds to the driving enjoyment.

Display	Wide TFT-LCD Display Provides high quality video through a Wide TFT-LCD Display using an LED Back Light. Touch screen for maximum user convenience.
Radio	Digital Tuner Feature Digital Tuner using PLL method that supports memory of 40 broadcast stations. Radio broadcast station name Displays broadcast station names.
Multimedia Player	Support for various Media Formats • Support for various media formats, including Radio, USB, iPod, AUX and Bluetooth® Audio Streaming modes

Bluetooth® Wireless Technology

 Convenient use of Bluetooth® Handsfree by using buttons within the steering wheel control Digital Screen Control Features

Easy control of features through touch screen options

Steering Wheel Control

 Control over audio features, voice recognition and Bluetooth[®] through the steering wheel control for maximum convenience

Component Names and Functions

Head Unit

	Name	Description
1	POWER/ VOL	 When power is off, press to turn power on. When power is on, press and hold (more than 0.8 seconds) to turn the power off. When power is on, press quickly (less than 0.8 seconds) to turn Audio off. Turn left/right to adjust the volume.
2	RADIO	Selects FM/AM mode • Each time this is pressed, the mode is changed in the following order: FM → AM → FM.
3	MEDIA	Selects MEDIA mode. • If the media is not connected MEDIA mode will not be activated.
4	☆	Displays the function set by user.

Name		Description
5	▼SEEK TRACK ∧	 When pressed quickly (less than 0.8 seconds), FM/AM mode: Plays the previous/next frequency. MEDIA mode: Changes the track, file or title (except for AUX). When pressed and held down (more than 0.8 seconds), FM/AM mode: Moves quickly through all of the frequencies. The moment that you release the button, the system seeks the next available frequency. MEDIA mode: Rewinds or fast forwards the track or file (except for Bluetooth Audio, and AUX).

Name		Description	
6	HOME	Moves to the Home Screen.	
7	PHONE	Displays the Bluetooth phone mode.	
8	SETUP	Moves to the Setup screen.	
9	• TUNE	FM/AM mode: Changes the frequency. MEDIA mode: Changes the track, file or title (except for Bluetooth Audio, and AUX).	

Name		Description
10	RESET	Resets the system settings. (Preset radio channels and other data will not be deleted)

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Steering Wheel Controls

Name		Description
1	(fz	When pressed quickly (less than 0.8 seconds), Activates voice recognition When pressed and held down (more than 0.8 seconds), Ends voice recognition If iOS device is connected through Bluetooth, activates or ends Siri Eyes Free

Name		Description	
2	MODE	 Each time this is pressed, the mode is changed in the following order: FM → AM → USB or iPod → AUX → Bluetooth Audio → FM If the media is not connected, the corresponding modes will be disabled Press and hold (more than 0.8 seconds) to turn the Audio system on/off When power is off, press button to turn power back on 	
3	VOL + VOL -	Use to adjust the volume of audio or call.	
	呼	Use to mute the audio or call sound.	
4	^ `	When pressed quickly (less than 0.8 seconds), FM/AM mode: searches broadcast frequencies saved to Presets Media mode: changes the track, file or title (except for AUX) When pressed and held down (more than 0.8 seconds), FM/AM mode: automatically searches broadcast frequencies Media mode: quickly looks up songs (except for AUX and Bluetooth audio files)	

_		
	Name	Description
5	C	 When pressed quickly (less than 0.8 seconds), When pressed in the dial screen, makes a call When pressed in the incoming call screen, answers the call When pressed during call waiting, switches to waiting call (Call Waiting) When pressed and held down (more than 0.8 seconds), When pressed in Bluetooth® Hands-free, redials the last dialed call When pressed during a Bluetooth® Hands-free call, switches call back to mobile phone (Private) When pressed while calling on the mobile phone, switches call back to Bluetooth® Hands-free (operates only when Bluetooth® Hands-free is connected)
6	ō	When pressed during a call, ends the phone call When pressed in the incoming call screen, rejects the call

 $[\]ensuremath{\mathbb{X}}$ The actual image in the vehicle may differ from the illustration.

Starting the System for the First Time

Turning the System On/Off

Press the engine start button or set the ignition key to On or ACC. Each time you turn on the system, a boot logo and safety warning will appear.



Pressing the power key on the head unit will display the safety guide. To change the system language between English, French, Spanish and Korean, select the Language button.



 You cannot operate the system while it is booting up. It may take some time for all of features of the system, particularly the voice recognition system, to be ready for use.

Pressing and holding the power key on the head unit will turn off the system.

7 Information

 If you turn off the system during a phone call using the Hands-free feature, then the call will automatically switch to your mobile phone.



 Check the volume when turning on the system. Before turning on the system, adjust the volume to a reasonable level.

System Reset

The System Reset function restores the system when it is not operating correctly. Press and hold the RESET key for a second or longer. (It is recommended that you press the RESET key using a tool, such as a pin or a clip.)

Battery Warning Message

Always use the system while the car engine is running. If you turn on the system while the engine is off, a battery warning message will appear. When the engine starts, the message will disappear.





 If you use the system for a long time with the engine off, the battery may become completely discharged.

Restrictions on Features for Safety Measures

Several features are limited while driving. The restriction screen will disappear when shifting gears into P or putting the parking brake on.

WARNING -

- Blank Screen
- Refrain from use if the screen is blank or no sound can be heard as these signs may indicate product malfunction. Continued use in such conditions could lead to accidents (fires, electric shock).

WARNING

- -Touching the Antenna During A Thunder Storm
- Do not touch the antenna during thunder or lightning as such acts may lead to lightning induced electric shock.

Home Screen

Controls Menu Configuration for the Home Screen

Tap the ___ icon on any screen to display the Home Screen below.



Features	Description
1 Radio/ Media Widget	 Shows brief information on the radio or media that is now playing. Tap the area to move to the mode that you are listening to.
2 Phone Projection Widget	Shows any connected devices such as iPod and Bluetooth.
3 All Menus	Shows all of the items in the system menu.
4 My Menu	Add your favorite menus to have quick and easy access to them.
5 Apps/Info	Moves to the Apps/Info screen.
6 Setup	Moves to the Setup screen.

Information Display on the Status Bar

Displays the date and time, along with the system status shown by the various icons to the right of the clock.

The icons in the following table indicate the various types of system status details and events.

Icon	Description
Audio	Displayed when the audio is muted.
•	Displays the remaining battery of the Bluetooth phone.
*9	Displayed when connected to Bluetooth for handsfree.
*1	Displayed when connected to Bluetooth for streaming audio.
® ♪	Displayed when connected to Bluetooth for streaming audio and handsfree.
C C	Displayed when downloading contacts or recent calls from the Bluetooth phone.
(8	Displayed while on a call with the Bluetooth phone.
₽	Displayed when the microphone of the Bluetooth phone is muted.
8 Y.iil	Displays the signal strength of the Bluetooth phone.

Adding a Feature to My Menu

Select My Menu on the Home Screen to add the most frequently used menus, change the menu order, or delete menus.



- **Information**
- Up to 24 menus can be added to My Menu.

On-Screen Touch Controls

Learn how to touch the screen to operate the system.

Select

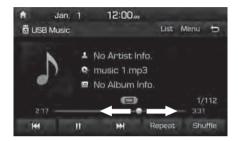
Tap lightly on a menu or an item to select it.



 The system will not recognize your touch if you wear a glove or other non-conductive material. Touch the screen using your finger, an electrostatic touch-screen glove, or a stylus pen.

Drag & Drop

Select a menu or item you want, then drag and drop it to where you want to place it.



Drag or touch the slider along the play bar in the music screens to jump to the point that you want to play from.

Flick (Quick Scrolling)



Quickly moves up and down in the list.

✓ NOTICE

 Moving the list when there are many items will display a handler on the right of the display.
 You can easily move many items at a time with the handler.

Select and Hold

Selecting and holding the or button in the music player will rewind or fast forward the music.



MEM0

part.2 Radio/Media

FM/AM

USB

iPod

AUX

Bluetooth® Audio

Radio/Media

FM/AM

You can access the radio player either by pressing the RADIO key or by selecting the Radio menu from All Menus on the Home screen.





 If you press the RADIO key when power is off, the power will turn on and a radio broadcast will be tuned from the current mode.

Features	Description
1 Preset Frequencies	 The stored preset frequencies are displayed for user selection. After selecting frequency, press and hold the preset button for more than 0.8 seconds. A beep sound will be heard and the frequency is to be stored in the selected preset button. Flick the preset frequencies up/down to scroll quickly through presets.
2 Frequency	Displays the current frequency.
3 Presets	Shows the stored presets for user selection.
4 Menu	 List: Moves to the frequency list. Sound Settings: Moves to the Sound Settings.
5 Band	Changes to the desired band from among FM, AM.
6 Info	Turns the Radio text information transmitted from the broadcasting station on and off.
7 Scan	Shortly plays the broadcasts for the frequencies with superior reception for 5 seconds per item.

Features	Description	
3 SEEK/TRACK	 When pressed quickly (less than 0.8 seconds): Seeks the previous/next frequency. When pressed and held down (more than 0.8 seconds): Moves quickly through all of the frequencies. The moment that you release the button, the system seeks the next available frequency. 	
9 TUNE	Turn the TUNE knob to manually seek available frequencies. • FM: Increment/decrement by 200 kHz • AM: Increment/decrement by 10 kHz • AM: Increment/decrement by 9 kHz (For GUAM Model)	

USB

Before Playing a USB MP3

Connect the USB device after turning on the engine. The USB device may become damaged if it is already connected when the ignition is turned on.

- Files that are not standard format music/image files will not be played.
- For MP3/WMA/OGG files, only music files with compression rates between 8Kbps ~ 320Kbps can be played.
- Heed caution to static electricity when connecting/disconnecting external USB devices.
- Encoded MP3 Players will not be recognized when connected as an external device.
- When connecting an external USB device, the device may not properly recognize the USB is in some states.
- Only products formatted with byte/sectors under 64Kbyte will be recognized.
- USB devices, formatted to the FAT12, FAT16, or FAT32 file system are recommended. File systems other than FAT12, FAT16, FAT32, exFAT, and NTFS are not supported.
- Some USB devices may not be supported due to compatibility issues.

- Take caution so that the USB connector does not come in contact with body parts or objects.
- Repeated connecting/disconnecting of USB devices within short periods of time may result in product malfunction.
- Make sure to connect/disconnect external USB devices with the audio power turned off.
- 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.
- The use of USB devices for purposes other than playing music and image files is prohibited.
- Do not use the USB I/F to charge batteries or USB accessories that generate heat. Such acts may lead to worsened performance or damage to the device.
- The device may not recognize the USB device if separately purchased USB hubs and extension cables are being used.
 Connect the USB directly with the multimedia terminal of the vehicle.
- When using mass storage USB devices with separate logical drives, only files saved to the root drive can be played.
- When application programs are installed to specific USBs, files may not properly play.

- The device may not operate normally if MP3 Players, cellular phones, digital cameras, or other electronic devices (USB devices not recognized as portable disk drives) are connected with the device.
- Charging through the USB may not work for some mobile devices.
- The device may not support normal operation when using a USB memory type besides Metal Cover Type USB Memory.
- The device may not support normal operation when using formats such as HDD Type, CF, or SD Memory.
- When playing iPods, please use a dedicated iPod car cable.
- Normal operation cannot be guaranteed when other cables are being used.
- The device will not support files locked by DRM. (Digital Rights Management)
- USB memory sticks used by connecting an Adaptor (SD Type or CF Type) may not be properly recognized.
- Only use Plug type connector products, as shown in the figure below.
- To play USB MP3, the USB device must be connected to the USB port in the front multibox. The USB port in the center console storage (if equipped) is for charging only.



Product Name	Manufacturer
XTICK	LG
BMK	BMK Technology
SKY-DRV	Sky Digital
TRANSCEND JetFlash	Transcend
Sandisk Cruzer	SanDisk
Micro ZyRUS	ZyRUS
NEXTIK	Digiworks

Information

 Problems that occur through use of USB devices not listed within the above table are not covered by the product warranty.

Supported USB MP3 music specifications

Name	Description
MP3 File Specification	Specification: MPEG1 AUDIO LAYER 3
Recommended	Acceptable sampling frequency: 32, 44.1, 48 (kHz)
Bit Rates and Sampling	Acceptable bit rate: 32, 40, 48, 56, 64, 80, 96, 112, 128, 160, 192, 224, 256, 320 (Kbps)
Frequency	96, 128, 192 Kbps fixed bit rate/44.1kHz
ID3 Tag	Supports ID3v1.0 and ID3v1.1, ID3v2.2, ID3v2.3, ID3v2.4 ID3 tags
Detailed Specifications	Maximum directory layers: 20 layers Maximum length of folder name/file name: 255Bytes Supported characters for folder name/file name: Alphanumeric characters, Korean standard character set 2,350 characters, Simplified Chinese 4888 characters Maximum number of folders which can be stored onto one USB: 2000 folders (including ROOT) Maximum number of files which can be stored onto one USB: 8000

i Information

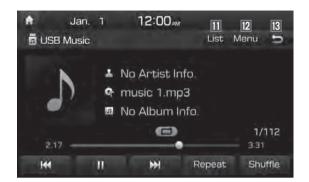
• The sound quality of MP3 files that use bitrates exceeding 192 Kbps cannot be guaranteed. When using files without fixed bit rates, some features (FF/REW features) may not properly operate.

USB Music



Features	Description
1 Mode	Displays the current operating mode
2 File Index	Shows the current file/total files within the USB
3 Repeat/Shuffle	From Repeat/Shuffle, displays the current operating function
4 Play Time	Displays the current play time/total play time
5 Song Info	Displays artist, title, album info

Features	Description
6 Previous File	If button is selected (less than 0.8 seconds): Moves to the previous file or play the current file from the beginning (Depends on the play time) If play time is less than 3 seconds, moves to previous file If play time is more than 3 seconds, play the current file from the beginning If button is selected (over than 0.8 seconds) it rewinds the track
7 Play/Pause	Plays/pauses the current file
8 Next File	If button is selected (less than 0.8 seconds): Moves to the next file If button is selected (over than 0.8 seconds): It fast-forwards the track
9 Repeat	Repeats the current file. If select the file in the file tab on the list screen: select this button to switch between repeating the current file, repeating folder, and repeating all files. If select the file in the other tabs on the list screen: select this button to switch between repeating the current file and repeating all files.
10 Shuffle	Plays files in random order. If select the files in the file tab on the list screen: select this button to switch between shuffle folder, shuffle all, and turning shuffle off. If select the file in the other tabs on the list screen: select this button to switch between shuffle category and turning shuffle off.



Features	Description
11 List	Moves to the list screen
12 Menu	 Hide Current File: a selected file can be deleted. Deleted file can be found in the 'Hidden_' folder. This function is only supported when USB format is compatible with FAT16 or FAT32. Sound Settings: Moves to the Sound Settings.
13 Back Button	Converts to basic mode screen
14 TUNE	Turn the ● TUNE knob to search a desired track. If the desired track is displayed, select the ● TUNE knob to play the track. If you do not anything with the ● TUNE knob for 5 seconds of searching tracks, the track info for the current track is restored.