

HYUNDAI MS400ASP2PE Configuring The General System Settings User Guide

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HYUNDAI MS400ASP2PE Configuring The General System Settings



Product Information

Configuring the general system settings

The general system settings allow you to configure the date and time, as well as the keyboard type for each language.

Date/Time

You can choose to display the system date and time automatically or manually. There is also an option to set the time display mode.

- **GPS time:** The system date and time are automatically set after receiving the time from GPS.
- **Note:** To manually set the date and time, uncheck GPS time, press the current date and time below GPS time, and then set the desired date and time.

Keyboard

You can change the keyboard type for each language to use when entering text.

Configuring the display settings

The display settings allow you to configure the system display settings such as brightness, screensaver, home screen icons, split screen (if equipped), media change notifications (if equipped), and extended rear camera use (if equipped).

Brightness

You can adjust the system brightness according to the ambient lighting condition to stay bright or dimmed. There is also an option to automatically adjust the display brightness depending on the cluster illumination.

- **Note:** The screen may differ depending on the vehicle model and specifications.
- **Dimming:** Auto-illumination adjusts the display brightness based on the surrounding environment. Daylight adjusts the display brightness to ensure items are easier to see when the surrounding area is bright. Night adjusts the brightness to prevent glare when the surrounding area is dark.
- **Brightness:** You can set the display brightness when Daylight or Night is selected under Mode. Uncheck "Link to Cluster Illumination Control" and then set it to the desired brightness.
- **Note:** To reset all screen brightness settings to the default values, press Default.

Screensaver

You can select the items to display on the screen saver in standby mode. Options include Analog (displays an analog clock), Digital (displays a digital clock), and None (displays nothing).

Home screen (if equipped)

You can rearrange the icons displayed on the All screen.

- **Edit Home icons:** This allows you to edit the arrangement of home icons.

Split screen (if equipped)

You can specify the items to display on the Split Screen.

- **Note:** The screen may differ depending on the vehicle model and specifications. This option is only available when the display supports Split Screen.

Media Change Notifications (if equipped)

You can set the system to briefly display media information at the top of the screen when you move from the

media player screen to another.

Extend rear camera use (if equipped)

You can set the system to display the rear camera even when you change the shift position other than R (Reverse) after reversing.

Product Usage Instructions

Configuring the general system settings

Date/Time

1. To set the date and time automatically, ensure the GPS time is checked. The system will receive the time from GPS.
2. To set the date and time manually, uncheck the GPS time and press the current date and time below the GPS time. Set the desired date and time.

Keyboard

To change the keyboard type for each language, navigate to the keyboard settings and select the desired keyboard type for each language.

Configuring the display settings

Brightness

1. On the All Menus screen, press [SETUP] > [Display]. The Display settings screen will appear.
2. Configure the desired brightness settings based on the options available, such as Dimming, Daylight, and Night.
3. If you want to set a specific brightness for Daylight or Night, uncheck "Link to Cluster Illumination Control" and then set the desired brightness.
4. To reset all screen brightness settings to the default values, press Default.

Screensaver

To select the items to display on the screen saver in standby mode, navigate to the screensaver settings and choose between Analog, Digital, or None.

Home screen (if equipped)

To rearrange the icons displayed on the All screen, navigate to the home screen settings and edit the arrangement of home icons.

Split screen (if equipped)

If your display supports Split Screen, you can specify the items to display on the Split Screen. Please note that this option may vary depending on the vehicle model and specifications.

Media Change Notifications (if equipped)

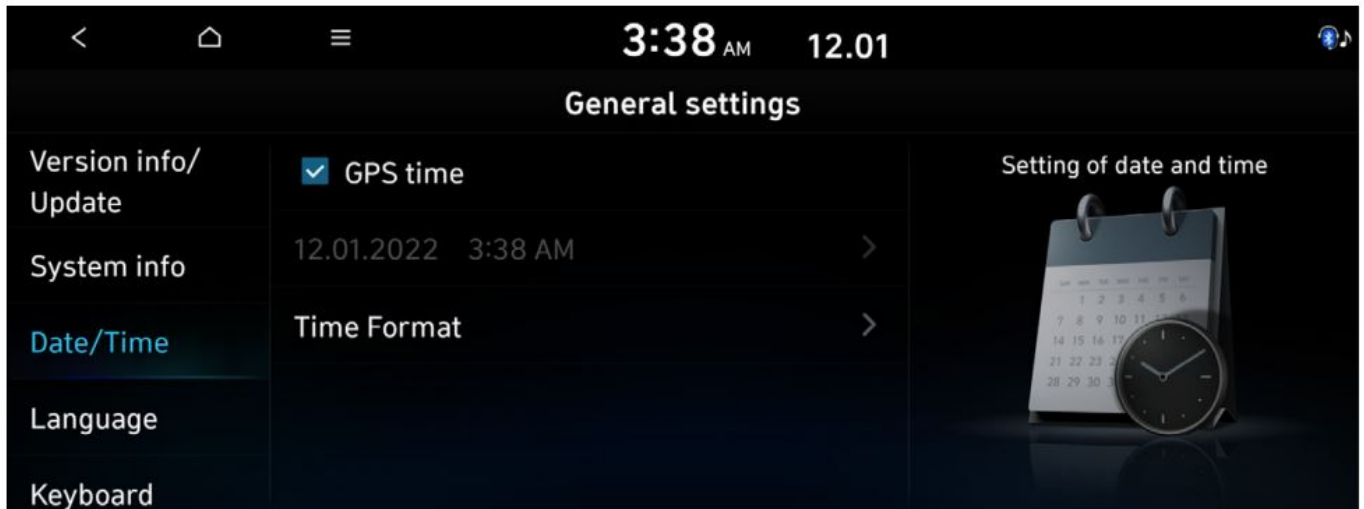
If your system supports Media Change Notifications, you can enable it to briefly display media information at the top of the screen when transitioning from one media player screen to another.

Extend rear camera use (if equipped)

If your system supports extended rear camera use, you can enable it to display the rear camera even when you change the shift position other than R (Reverse) after reversing.

Date/Time

You can see the system date and time automatically or manually. You can also set the time display mode.



GPS time

After receiving the time from GPS, it sets the system date and time automatically.

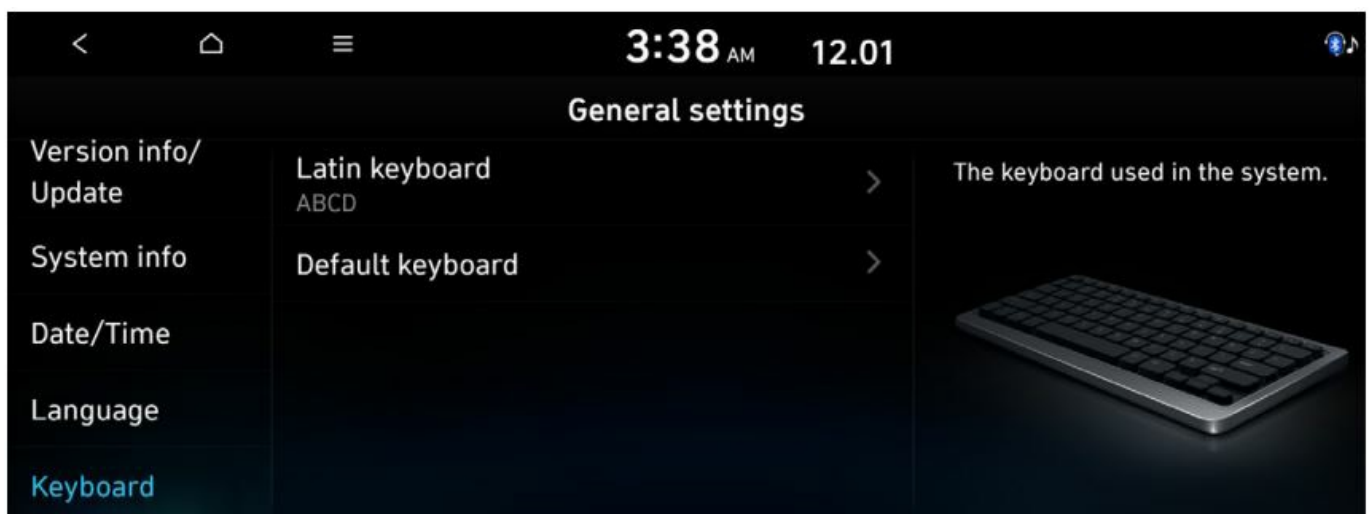
Note: To manually set the date and time, uncheck GPS time, press the current date and time below GPS time, and then set the date and time.

Time Format

Change the system time display format.

Keyboard

You can change the keyboard type for each language to use when entering the text.



Configuring the display settings

You can change the system display settings such as display brightness.

1. On the All Menus screen, Press [SETUP] > [Display].
 - The Display settings screen appears.

2. Configure the settings required.

Note: If you press Display Off at the top of the screen, the screen is switched off. To switch the screen back on, press the screen or briefly press the power button.

Brightness: You can set the system brightness to be adjusted according to the ambient lighting condition to stay bright or dimmed. You can also set to automatically adjust the display brightness depending on the cluster illumination.



Note: The screen may differ depending on the vehicle model and specifications. Dimming

- **Auto-illumination:** The display brightness is automatically adjusted based on the surrounding environment.
- **Daylight:** The display brightness is adjusted to ensure to ensure that items are easier to see when the surrounding area is bright.
- **Night:** The brightness is adjusted to prevent glare when the surrounding area is dark.

Brightness

- **Daylight:** You can set the display brightness when Daylight is selected under Mode. Uncheck Link to Cluster Illumination Control and then set to the desired brightness.
- **Night:** You can set the display brightness when Night is selected under Mode. Uncheck Link to Cluster Illumination Control and then set to the desired brightness.

Note: To reset all screen brightness settings to the default value, press Default.

Screensaver

You can select the items to display on the screen saver in standby mode.



- **Analog**

Displays the analog clock on the system screen saver.

- **Digital**

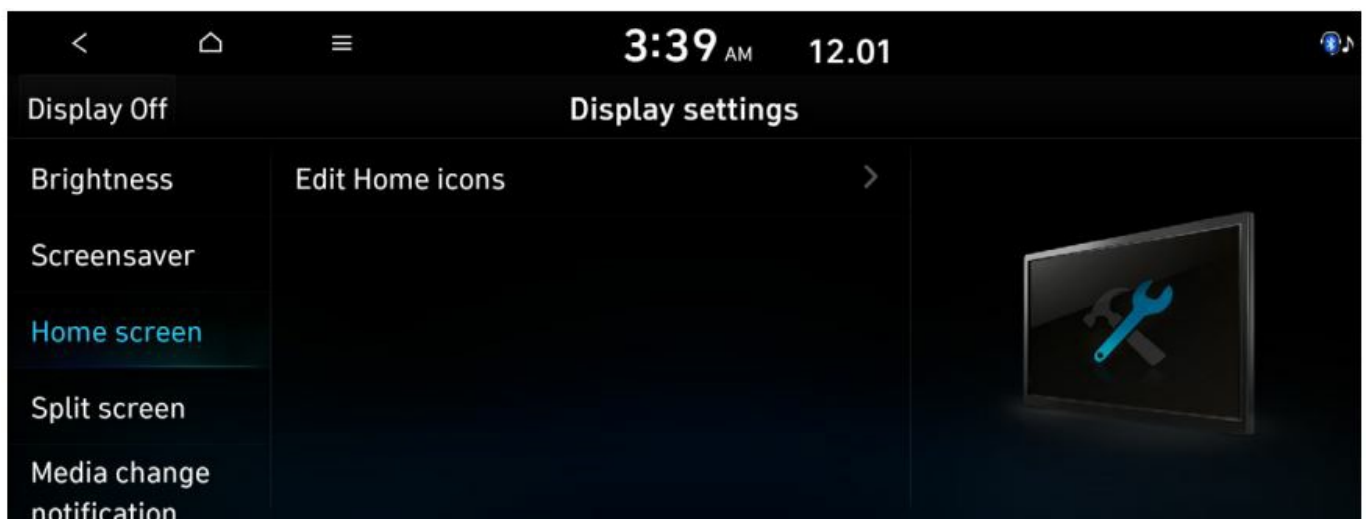
Displays the digital clock on the system screen saver.

- **None**

Displays nothing on the system screen saver.

Home screen (if equipped)

You can rearrange the icons displayed on the All screen.

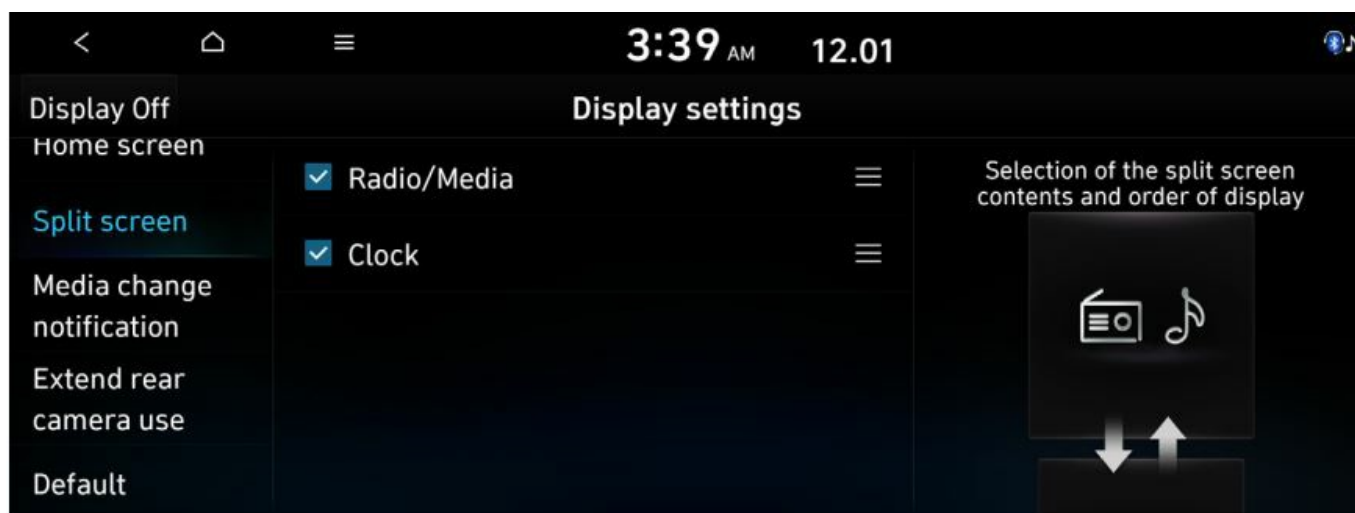


Edit Home icons

You can edit the arrangement of home icons.

Split screen (if equipped)

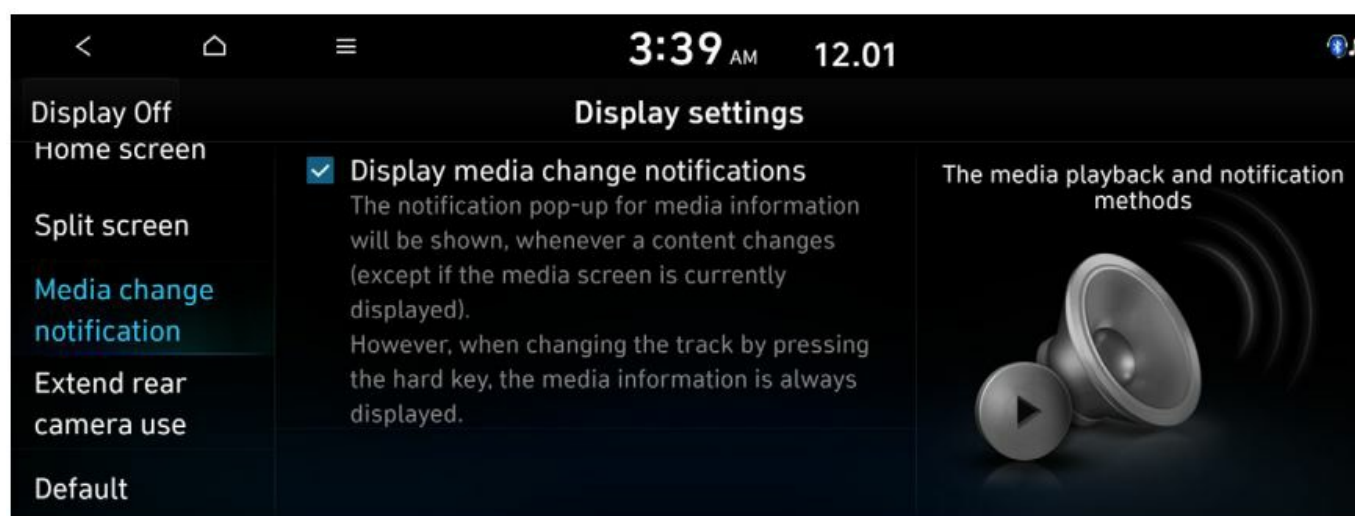
You can specify the items to display on the Split Screen.



Note

- The screen may differ depending on the vehicle model and specifications.
- This option is only available when the display supports Split Screen.

Media Change Notifications (if equipped) You can set to briefly display media information at the top of screen while playing the next item when you move from the media player screen to another.



Extend rear camera use (if equipped)

You can set to display the rear camera display even when you change the shift position other than “R” (Reverse) after reversing.



Note: When you shift to “P” (Park) or drive at a predetermined speed or faster, the rearview display disappears to display the previous screen.

Default

This menu is used to reset all display settings. Press [SETUP] > [Display] > [Default] > [Yes].

Precautions for Safety

CAUTION: RISK OF ELECTRIC SHOCK DO NOT OPEN

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE THE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

- 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 parking brake is on.
- 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 splash ing water, rain, or moisture.
- 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.
- Do not drop it and avoid heavy impacts at anytime.
- The driver should not watch the monitor while driving. If the driver watches the monitor while driving, it may lead to carelessness and cause an accident.

WARNING:

- Don't use a mobile phone when you are driving. You must stop at a safe place to use a mobile phone.
- Do not disassemble, assemble, or modify the AV system. Such acts could result in accidents, fire, or electric shock.
- Using phone features while driving may distract drivers from paying attention to traffic conditions and result in traffic accidents. Use phone features only after the vehicle has been parked.
- Heed caution not to spill water or introduce foreign objects into the device. Such acts could lead to smoke, fire, or product malfunction.
- Please 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) or product malfunctions.
- Do not touch the antenna during thunder or lightening as such acts may lead to lightning induced electric shock.
- Do not stop or park in parking-restricted areas to operate the product. Such acts could lead to traffic accidents.
- The video screen will not operate when the vehicle is in motion. For your safety, first park the vehicle to watch or view the screen.
- Some Non-video features may also not operate when the vehicle is in motion. These features will operate only when the vehicle has been parked.

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.

CAUTION:

- Do not keep the AV system running with the engine stopped. Doing so may discharge the vehicle battery. When you use the AV system, always keep the engine running.
- When the driver wants to operate AV 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 states/provinces may have laws limiting the use of video screens while driving. Use the system only where it is legal to do so.
- Do not use your phone in private mode when you are driving. You must stop at a safe location to use it.

General Information

About USB

- Take precautions regarding static electricity when connecting/disconnecting external USB devices.
- Encoded MP3 Players will not be recognised when connected as an external device.
- When connecting an external USB device, the device may not properly recognise the USB in some states.
- USB devices formatted as FAT16/32, exFAT or NTFS are supported.
- Some USB devices may not be supported due to compatibility issues.
- Avoid contact between the USB connector and bodily parts/foreign objects.

- Repeated connecting/disconnecting of USB devices within short periods of time may result in product malfunction.
- The amount of time required to recognise the external USB device may differ depending on the type, size or file formats stored on the USB. Such differences in required time are not indications of malfunction.
- The device may not recognise the USB device if separately purchased USB hubs and extension cables are being used. Connect the USB directly with the media terminal of the vehicle.
- When application programmes are installed to specific USB, files may not properly play.
- The device may not operate normally if MP3 Players, mobile phones, digital cameras or other electronic devices (USB devices not recognised 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 other than Metal Cover Type USB Memory.
- 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).
- USB memory sticks used by connecting an Adaptor (SD Type or CF Type) may not be properly recognised.

Music file Information

- **Sampling frequency:** 8 ~ 48 KHz (MP3), 22.5 ~ 48 KHz (WMA), 8 ~ 48 KHz (FLAC), 8 ~ 48 KHz (OGG), 8 ~ 48 KHz (WAV)
- **Bit rate:** 8 ~ 320 Kbps (MP3), 20 ~ 128 Kbps (WMA), 8 Kbps ~ 4 Mbps (FLAC), 8 ~ 500 Kbps (OGG), 8bit/16bit (WAV)
- **WMA version:** v2, v7, v8, v9
- **PCM version:** LPCM (A-law/u-law)
- **MP3 version:** MPEG 2/2.5 Layer 3
- **Playable file format:** “.mp3”/ “.wma”/ “.flac”, “.ogg”, “.wav”

Video file Information

- **Video Resolution:** 1280 x 720 pixel 30fps (MPEG-1), 704 x 576(4CIF) 25fps (H.263), 1280 x 720 30fps (H.264), 1280 x 720 pixels (other)
- **Playable file format:** “.avi”, “.mpg”, “.mpeg”, “.mp4”, “.mkv”
- **Subtitle format:** “.smi”, “.srt”
- **Video Codec:** “MPEG-1”, “MPEG-2 simple profile – main level”, “MPEG-2 main profile – low,main,high level”, “VC-1”, “H.263 profile 0, profile 3”, “Xvid”, “H.264/AVC baseline profile – L1, high – L4.1”
- **Audio Codec:** “MP3”, “WMA”, “AAC”

If video and caption file names are different, caption may not be displayed.

Before thinking there is a product defect

1. Errors which occur during the operation or installation of the device may be mistaken as a malfunction of the actual device.
2. If you are having problems with the device, try the suggestions listed below.

3. If the problems persist, contact your authorised HYUNDAI dealer.

Problem: There are small red, blue, or green dots on the screen.
Possible Cause: Because the LCD is manufactured with technology requiring high point density, a pixel or lighting deficiency may occur within 0.01% of total pixels.
Problem: The sound or image is not working.
Possible Cause: <ul style="list-style-type: none">– Has the Switch for the vehicle been turned to [ACC] or [ON]?– Has the SYSTEM been turned OFF?
Problem: The screen is being displayed but sound is not working.
Possible Cause: <ul style="list-style-type: none">– Has the volume been set to a low level?– Has the volume been muted?
Problem: When the power is turned on, the corners of the screen are dark.
Possible Cause: <ul style="list-style-type: none">– The display appearing somewhat dark after prolonged periods of use is normal with LCD panels. It is not a malfunction.– If the screen is very dark, contact your nearest dealer for assistance.
Problem: Sound is working from only one speaker.
Possible Cause: Are the positions of Fader or Balance sound controls adjusted to only one side?
Problem: When turning power on, the most recent mode screen is not displayed.
Possible Cause: <ul style="list-style-type: none">– Within modes that play files by reading external sources, such as discs, USB, or Bluetooth® streaming mode, the most recently played mode screen prior to turning off power may not properly load.– If there is no disc or the corresponding device is not connected, the mode operated prior to the most recent mode will operate.– If the previous mode still cannot be properly played, the mode operated prior to that will operate.

Troubleshooting

Problem: The power does not turn on.

- Possible Cause: The fuse is disconnected.
- Countermeasure:
 - Replace with a suitable fuse.
 - If the fuse is disconnected again, please contact your dealer.

- Possible Cause : Device is not properly connected.
- Countermeasure: Check to see that the device has been properly connected.

Problem: The system does not play.

- Possible Cause: The vehicle battery is low.
- Countermeasure: Charge the battery if the problem persists, contact your point of purchase or service center.

Problem: Sound does not work.

- Possible Cause: The volume level is set to the lowest level.
- Countermeasure: Adjust the volume level.

- Possible Cause: The connection is not proper.
- Countermeasure: Check to see that the device has been properly connected.

- Possible Cause: The device is currently fast-forwarding, rewinding, scanning, or playing in slow mode.
- Countermeasure: The sound will not work when the device is fast-forwarding, rewinding, scanning, or playing in slow mode.

Problem: The image colour/tone quality is low.

- Possible Cause : The brightness, saturation, and contrast levels are not set properly.
- Countermeasure: Properly adjust the brightness, saturation, and contrast levels through Display Setup.

Problem: The USB does not work.

- Possible Cause: USB memory is damaged.
- Countermeasure: Please use after formatting the USB into FAT16/32, exFAT or NTFS format.

- Possible Cause: USB memory has been contaminated.
- Countermeasure: Remove any foreign substances on the contact surface of the USB memory and media terminal.

- Possible Cause: A separately purchased USB HUB is being used.
- Countermeasure: Directly connect the USB memory with the media terminal on the vehicle.

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|---|
| <ul style="list-style-type: none">• Possible Cause: A USB extension cable is being used.• Countermeasure: Directly connect the USB memory with the media terminal on the vehicle. |
| <ul style="list-style-type: none">• Possible Cause: A USB which is not a Metal Cover Type USB Memory is being used.• Countermeasure: Use standard USB Memory. |
| <ul style="list-style-type: none">• Possible Cause: An HDD type, CF, SD Memory is being used.• Countermeasure: Use standard USB Memory. |
| <ul style="list-style-type: none">• Possible Cause: There are no music files which can be played.• Countermeasure: Only MP3, WMA, OGG, FLAC and WAV file formats are supported. <p>Please use only the supported music file formats.</p> |

Trademarks and Licenses

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Specification

AV product specification

Common	Operating Temper	-20 °C ~ +65 °C
	Storage Temperature	-30 °C ~ +75 °C
Bluetooth	Supported Profile	HFP 1.6, A2DP 1.2, AVRCP 1.5, PBAP 1.1
	Supported Bluetooth Specification	3.0
	Frequency Range	2402 MHz ~ 2480 MHz
	Output (Class2)	Maximum 4.0 dBm
	Number of Channels	79
Radio	AM	
	Tuning Range	530 kHz ~1710 kHz
	Sensitivity	35 dBuV
	Signal-to-noise ratio	Minimum 45 dB
	FM	
	Tuning Range	87.5 MHz ~107.9 MHz
	Sensitivity	12 dBuV
	Frequency response	30 Hz ~ 10000 Hz
	Signal-to-noise ratio	Minimum 45 dB

- Designs and specifications are subject to change without prior notice.

Documents / Resources

	<p>HYUNDAI MS400ASP2PE Configuring The General System Settings [pdf] User Guide BP9-MS400ASP2PE, BP9MS400ASP2PE, MS400ASP2PE, MS400ASP2PE Configuring The General System Settings, Configuring The General System Settings, General System Settings, System Settings, Settings</p>
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