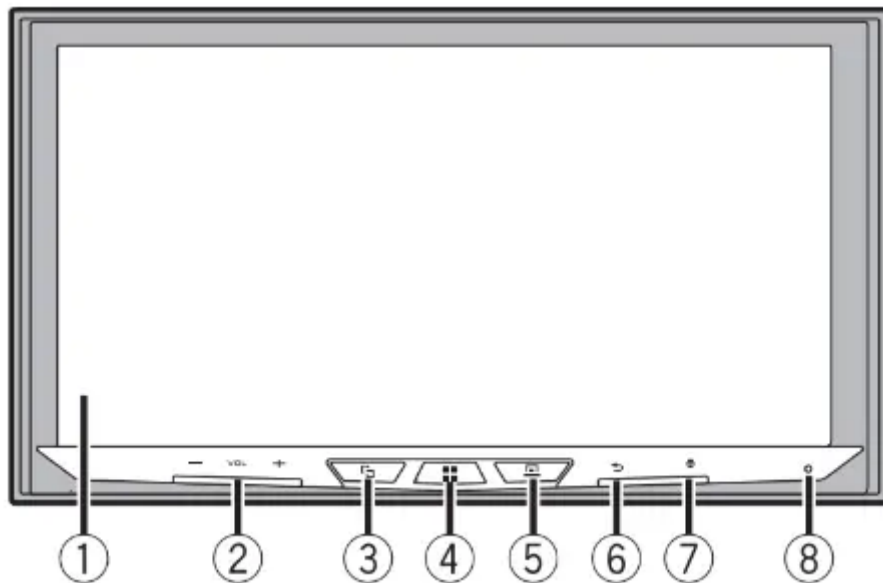







Parts and control

Main unit



1		LCD screen
2		VOL (+/-)
3		Press to switch between the Application screen and the AV operation screen. Press and hold to switch to the camera view mode. NOTE To activate the camera view mode with this button, set [Back Camera Input] to [On] or [AV Input] to [Camera] (page 75).
4		Press to display the top menu screen. Press and hold to power off. To power back on, press any button.
5		Press to display the menu bar (page 13). Press and hold to mute or unmute.
6		Press to display the top menu screen or back to previous screen. Press and hold to turn off the display.
7		Press to activate the voice recognition mode such as Siri® when the iPhone is connected to the unit via Bluetooth or USB.
8	RESET	Press to reset the microprocessor (page 11).

Remote control

The remote control CD-R33 is sold separately.

Basic operation

Resetting the microprocessor

CAUTION

- Pressing the RESET button resets settings and recorded contents to the factory settings.
 - Do not perform this operation when a device is connected to this product.
 - Some of the settings and recorded contents will not be reset.
 - The microprocessor must be reset under the following conditions:
 - Prior to using this product for the first time after installation.
 - If this product fails to operate properly.
 - If there appears to be problems with the operation of the system.
1. Turn the ignition switch OFF.
 2. Press RESET with a pen tip or other pointed tools.

Settings and recorded contents are reset to the factory settings.

Starting up the unit

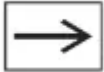
1. Start the engine to boot up the system.

The [Select Program Language] screen appears.

NOTE

From the second time on, the screen shown will differ depending on the previous conditions.

1. Touch the language.

2. Touch .

The [Speaker Mode Settings] screen appears.

1. Touch the speaker modes.

[Standard Mode]

4-speaker system with front and rear speakers, or a 6-speaker system with front and rear speakers and subwoofers.

[Network Mode]

3-way system with a high range speaker, middle range speaker and subwoofer (low range speaker) for reproduction of high, middle and low frequencies (bands).

WARNING

Do not use the unit in Standard Mode when a speaker system for 3-way Network Mode is connected to the unit. This may cause damage to the speakers.

1. Touch [OK].

Initial Legal Disclaimer screen appears.

1. Touch [OK].

The top menu screen appears.

NOTE

Once the speaker mode is set, the setting cannot be changed unless this product is restored to the default settings. Restore the default settings to change the speaker mode setting (page 93).

Switching the speaker mode

To change the speaker mode, you need to restore this product to the default settings.

1. Restore the default setting (page 93).


Using the touch panel


You can operate this product by touching the keys on the screen directly with your fingers.

NOTE

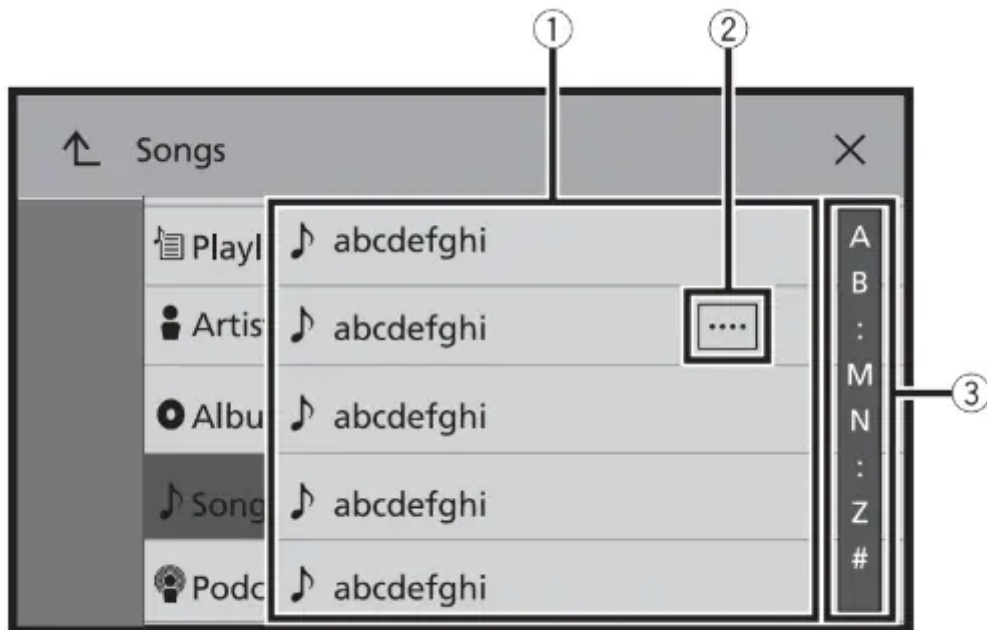
To protect the LCD screen from damage, be sure to touch the screen only with your finger gently.

Common touch panel keys

: Returns to the previous screen.

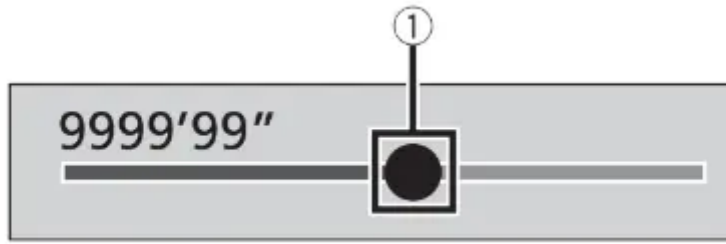
: Close the screen.

Operating list screens



1	Touching an item on the list allows you to narrow down the options and proceed to the next operation.
2	Appears when all characters are not displayed on the display area. If you touch the key, the rests are scrolled for display. NOTE This function is available only when you stop your vehicle in a safe place and apply the parking brake.
3	Appears when items cannot be displayed on a single page. Drag the side bar, the initial search bar or the list to view any hidden items.

Operating the time bar



- | | |
|---|---|
| 1 | <p>You can change the playback point by dragging the key.</p> <p>The playback time corresponding to the position of the key is displayed while dragging the key.</p> |
|---|---|

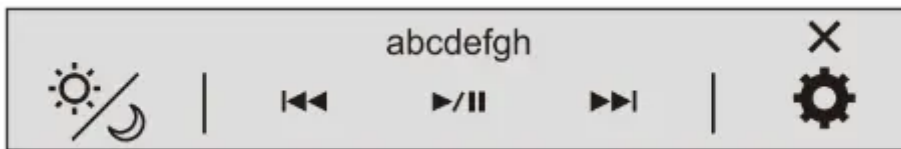
Operating the menu bar

Press .

The menu bar pops up on the screen.

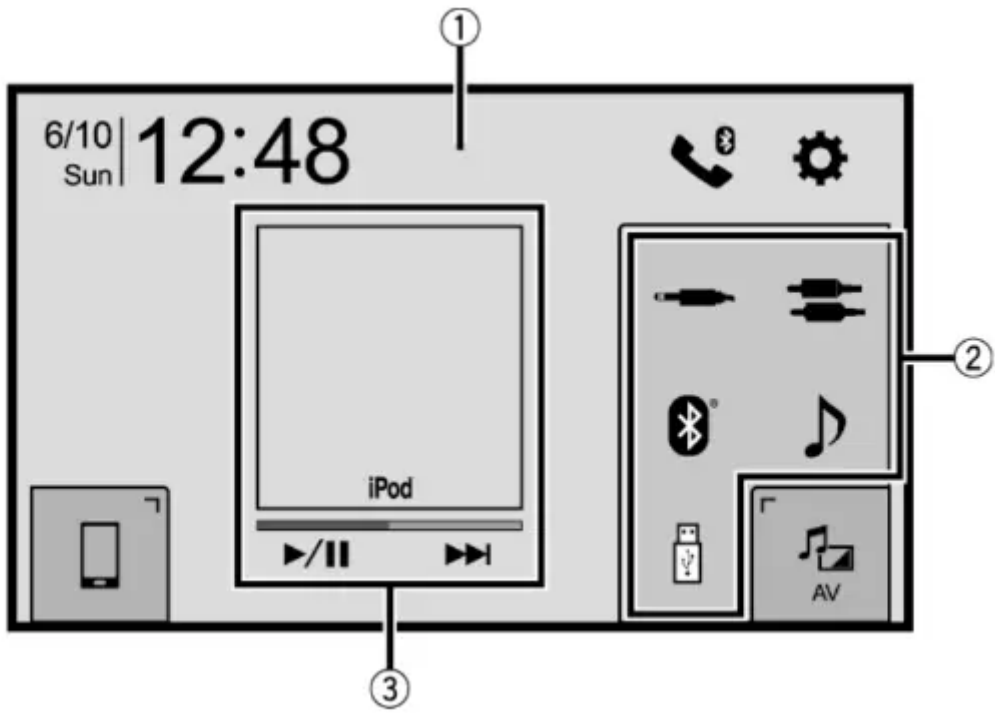
NOTE











The menu bar availability may vary depending on the activating source.



	Switches the dimmer duration by day or night.
	Switches between playback and pause.
	Skips files forward or backward. Performs fast reverse or fast forward.
	Displays setting menu screen (page 74).
	Closes the menu bar.

Top menu screen




1	<p>Switches the top menu screen layout.</p> <p>1. Touch and hold .</p> <p> appears at the top of the screen.</p> <p>1. Touch .</p> <p>When you finish switching the layout, press .</p>
2	<p>Favorite source icons</p> <p>TIP</p> <p>If you select [Power OFF], you can turn off almost all functions.</p> <ul style="list-style-type: none"> • An incoming call is received (only for hands-free phoning via Bluetooth). • A rear view camera image is input when the vehicle is in reverse. • A button on this unit is pressed. • The ignition switch is turned off (ACC OFF), then turned on (ACC ON).
3	<p>AV operation area</p> <p>Displays the current source.</p> <p>Touch to go to the displayed source.</p> <p>TIPS</p> <ul style="list-style-type: none"> • When the control icons are displayed at the bottom of the key, you can control • the displayed operation. • You can also switch to display/hide the artwork with the following procedure. <p>1. Touch and hold .</p> <p> or  appears on the AV operation area.</p> <p>1. Touch  or .</p> <p>When you finish switching the display/hide setting for the artwork, press .</p>
=	<p>Setting the time and date (page 92)</p>
□	<p>Settings (page 74) and Favorite menu (page 91)</p>
□	<p>Connected device key</p> <p>Displays connected device.</p> <p>Switches the source or application with connected devices such as WebLink, Apple</p>

CarPlay and Android Auto.


TIP

When a device with a compatible application is connected, the favorite application key appears. Once the key appears, you can adjust the range of the favorite application key area with the following steps.

1. Touch and hold .

 appears at the top right of the favorite application key.

1. Drag  to the desired position.



When you finish adjusting, press .

NOTE

This function is available only when you stop your vehicle in a safe place and apply the parking brake.

	AV source (page 25)
	Hands-free phoning (page 18)

TIP

When you connect the external navigation system to this unit,  is displayed.  Touch to start the navigation system.

Other functions

Setting the time and date

1. Touch the current time on the screen.

2. Touch  or  to set the correct time and date.

You can operate the following items: Year, month, date, hour, minute.

TIPS

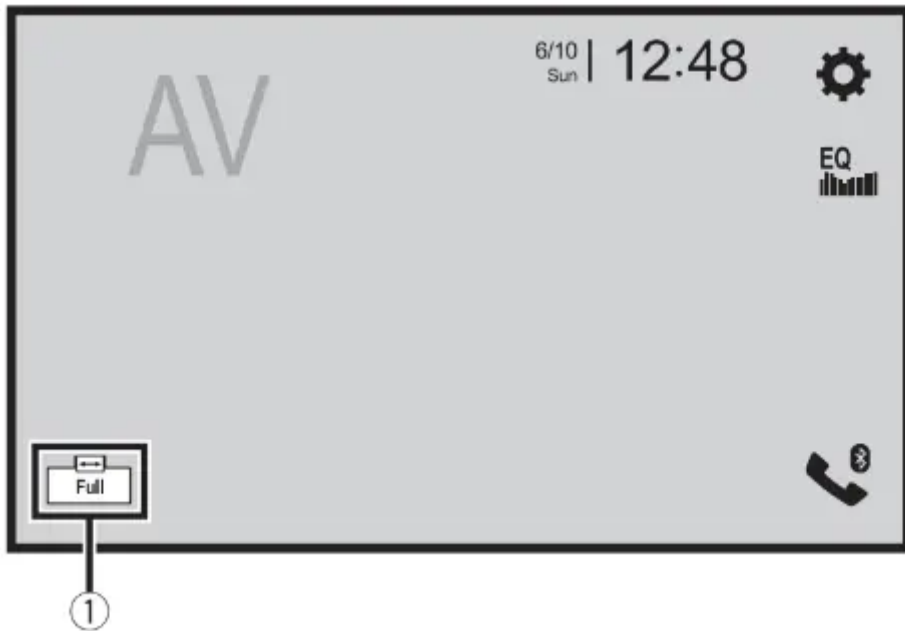
- You can change the time display format to [12hour] or [24hour].
- You can change the order of date display format: Day-month, Month-day.

Changing the wide screen mode



You can set the screen mode for AV screen and image files.

1. Touch the screen display mode key.



1	Screen display mode key
---	-------------------------

1. Touch the desired mode.

[Full]	Displays images across the entire screen. NOTE Some images may not be displayed across the entire screen.
[Zoom]	Displays the images enlarging them vertically.
[Normal]	Displays images without changing the ratio.
[Trimming]	An image is displayed across the entire screen with the horizontal-to-vertical ratio left as is. If the screen ratio differs from the image, the image may be displayed partly cut off either at the top/bottom or sides. NOTE [Trimming] is for image files only.

TIPS

- Different settings can be stored for each video source.
- When a video is viewed in wide screen mode that does not match its original aspect ratio, it may

- appear different.
- The video image will appear coarser when viewed in [Zoom] mode.

NOTES

- Image files can be set to either [Normal] or [Trimming] in wide screen mode.
- Depending on the software version of this unit, this function may vary.

Troubleshooting

If you have problems operating this product, refer to this section. The most common problems are listed below, along with likely causes and solutions. If a solution to your problem cannot be found here, contact your dealer or the nearest authorized Pioneer service facility.

Common problems

A Black Screen is Displayed, and Operation is not Possible using the touch Panel Keys.

- [Power off] mode is on.
- Press any button on this product to Release the mode.

Problems with the AV screen

The screen is covered by a caution message and the video cannot be shown.

- The parking brake lead is not connected or the parking brake is not applied.
- Connect the parking brake lead correctly, and apply the parking brake.
- The parking brake interlock is activated.
- Park your vehicle in a safe place and apply the parking brake.

No video output from the connected equipment.

- The [AV Input] or [AUX Input] setting is incorrect.
- Correct the settings.

The audio or video skips.

- This product is not firmly secured.
- Secure this product firmly.

No sounds are produced. The volume level will not rise.

- Cables are not connected correctly.
- Connect the cables correctly.

The icon is displayed, and operation is impossible.

- The operation is not compatible with the video configuration.

Random playback in Music Browse mode is released in the USB storage device.

- Random playback in Music Browse mode is canceled after the ignition switch is turned off (ACC OFF).
- Switch to Music Browse mode again and turn on random playback.

The picture is stretched, with an incorrect aspect ratio.

- The aspect setting is incorrect for the display.
- Select the appropriate setting for that image.

iPod cannot be operated.

- The iPod is frozen.
- Reconnect the iPod with the USB interface cable for iPod/iPhone.
- Update the iPod software version.
- An error has occurred.
- Reconnect the iPod with the USB interface cable for iPod/iPhone.
- Park your vehicle in a safe place, and then turn off the ignition switch (ACC OFF). Subsequently, turn the ignition switch to on (ACC ON) again.
- Update the iPod software version.
- Cables are not connected correctly.
- Connect the cables correctly.

Sound from the iPod cannot be heard.

- The audio output direction may switch automatically when the Bluetooth and USB connections are used at the same time.
- Use the iPod to change the audio output direction.

No back camera image when the vehicle is in reverse.

- The back camera input setting on the receiver is set to Off.
- Change the back camera setting to On in the settings menu. (Refer to the System Settings section of this manual to adjust.)
- The camera input may be loose or not connected.
- Check the connection and make sure the male end of the camera is connected to the brown input on the back of the receiver. (Refer to the installation manual.)
- The reverse lead on the receiver may not be connected to the proper wire at the reverse lamp.
- Check the connection and make sure that the violet/white lead of the receiver is connected to the lead whose voltage changes when the shift lever is put in reverse. (Refer to the installation manual.)

Black screen displayed when the vehicle is in reverse, with no camera installed.

- Back camera input is set to On.
- Turn the setting to Off in the settings menu. (Refer to the System Settings section of this manual to adjust.)

Back image displayed when vehicle is not in reverse.

- The camera polarity is not set properly in the Camera settings menu.
- Review System Settings section of this manual for steps to switch the camera polarity. Park in a safe place, then while keeping your foot firmly on the brake, put the vehicle in reverse, access the System Settings menu, and change the camera polarity setting. Put vehicle back in park. (Refer to the System Settings section of this manual to adjust.)


Problems with the phone screen

Dialing is impossible because the touch panel keys for dialing are inactive.

- Your phone is out of range for service.
- Retry after re-entering the range for service.
- The connection between the cellular phone and this product cannot be established.
- Perform the connection process.
- Of the two cellular phones connected to this product at the same time, if the first phone is dialing, ringing or a call is in progress, dialing cannot be performed on the second phone.
- When the operation on the first of the two cellular phones is completed, use the switch devices key to switch to the second phone and then dial.

Problems with Application screen

A black screen is displayed.

- While operating an application, the application was ended on the smartphone side.
- Press  to display the top menu screen.
- The smartphone OS may be awaiting screen operation.
- Stop the vehicle in a safe place and check the screen on the smartphone.

The screen is displayed, but operation does not work at all.

- An error has occurred.
- Park your vehicle in a safe place, and then turn off the ignition switch (ACC OFF). Subsequently, turn the ignition switch to on (ACC ON) again.
- When an Android device is connected, disconnect the Bluetooth connection from this product and then reconnect it.

The smartphone was not charged.

- Charging stopped because the temperature of the smartphone rose due to prolonged use of the smartphone during charging.
- Disconnect the smartphone from the cable, and wait until the smartphone cools down.
- More battery power was consumed than was gained from charging.
- This problem may be resolved by stopping any unnecessary services on the smartphone.

Error messages

AMP Error

- This product fails to operate or the speaker connection is incorrect; the protective circuit is activated.
- Check the speaker connection. If the message fails to disappear even after the engine is switched off/on, contact your dealer or an authorized Pioneer Service Station for assistance.

Pandora

Error-19

(Communication error occurred.)

- Communication failed.
- Disconnect the cable from the iPod. Once the iPod's main menu is displayed, reconnect the iPod and reset it.

Our content licenses limit the number of tracks you may skip.

- Skip limit reached.
- Do not exceed the skip limit.
- Pandora limits the total number of skips per hour.

Log in error

- You are not logged in to the Pandora application.
- Please log in to the Pandora application.

Check USB

- The USB connector or USB cable has short-circuited.
- Check that the USB connector or USB cable is not caught in something or damaged.
- The connected USB storage device consumes more than maximum allowable current.
- Disconnect the USB storage device and do not use it. Turn the ignition switch to OFF, then to ACC or ON and then connect a compliant USB storage device.

Poor network connection. Listening will resume when it's restored.

- The Pandora application is accessed/ relocated from outside the licensing region.
- Access Pandora from within the licensing region.

Spotify

Skip limit reached.

- Skip limit reached.
- Do not exceed the skip limit.
- Spotify limits the total number of skips per hour.

Check USB

- The USB connector or USB cable has short-circuited.
- Check that the USB connector or USB cable is not caught in something or damaged.
- The connected USB storage device consumes more than maximum allowable current.
- Disconnect the USB storage device and do not use it. Turn the ignition switch to OFF, then to ACC or ON and then connect a compliant USB storage device.

No Spotify

- The Spotify application is not installed in the connected device.
- Install the Spotify application in your mobile device.

Update App

- The Spotify application is out of date.
- Update to the latest Spotify application.

Login Please

- You are not logged in to the Spotify application.
- Please log in to the Spotify application.

No Signal

- The connected device is out of area.
- Connect the device to a network.

SiriusXM® Satellite Radio

Check Antenna

- The antenna connection is incorrect.
- Check the antenna connection. If the message fails to disappear even after the engine is switched off/on, contact your dealer or the nearest authorized Pioneer service center for assistance.

Check Tuner

- The SiriusXM Connect Vehicle Tuner connection is incorrect.
- Check the tuner connection and battery voltage. If the message fails to disappear even after the engine is switched off/on, contact your dealer or the nearest authorized Pioneer service center for assistance.

No Signal

- The SiriusXM Connect Vehicle Tuner is having difficulty receiving the SiriusXM satellite signal.
- Verify that your vehicle is outdoors with a clear view of the southern sky.
- Verify that the SiriusXM magnetic mount antenna is mounted on a metal surface on the outside of the vehicle.
- Move the SiriusXM antenna away from any obstructions.

No Content

- TuneScan™ is not available.
- Perform the operation with another preset channel.

Channel Not Available

- The channel that you have requested is not a valid SiriusXM channel.
- Visit www.siriusxm.com for more information about the SiriusXM channel lineup.

Subscription Updated Press Enter to Continue

- This product has detected a change in your SiriusXM subscription status.
- Touch [Enter] to clear the message. In the U.S.A., visit www.siriusxm.com or call 1-866-635-2349 if you have questions about your subscription. In Canada, visit www.siriusxm.ca or call 1-877-438-9677 if you have questions about your subscription.

Channel Not Subscribed. Call SiriusXM to Subscribe.

- The channel that you have requested is not included in your SiriusXM subscription package.
- Check the content of your SiriusXM subscription package.

In the U.S.A., visit www.siriusxm.com or call 1-866-635-2349 if you have questions about your subscription package or would like to subscribe to this channel. In Canada, visit www.siriusxm.ca or call 1-877-438- 9677.

Channel Locked Please Enter the Lock Code

- Locked by the radio Parental Control feature.
- Release the channel lock.

Memory Full

- The memory has become full while playback was paused.
- Resume playback.

Memory Nearly Full

- The memory has become nearly full while playback was paused.
- Resume playback.

There are no qualified TuneMix music

- There are no qualified TuneMix channels in this band.
- Requires two or more qualified music channels to be stored as presets in the current band.

USB storage device

Error-02-9X/-DX

- Communication failed.
- Turn the ignition switch OFF and back ON.
- Disconnect the USB storage device.
- Change to a different source. Then, return to the USB storage device.

Unplayable File

- There is no playable file in the USB storage device.
- Check that the files in the USB storage device are compatible with this product.
- Security for the connected USB storage device is enabled.
- Follow the USB storage device instructions to disable security.

Skipped

- The connected USB storage device contains DRM protected files.
- The protected files are skipped.

Protect

- All the files on the connected USB storage device are embedded with DRM.
- Replace the USB storage device.

Incompatible USB

- The connected USB storage device is not supported by this product.
- Disconnect your device and replace it with a compatible USB storage device.

Check USB

- The USB connector or USB cable has short-circuited.
- Check that the USB connector or USB cable is not caught in something or damaged.
- The connected USB storage device consumes more than maximum allowable current.
- Disconnect the USB storage device and do not use it. Turn the ignition switch to OFF, then to ACC or ON and then connect a compliant USB storage device.

HUB Error

- The connected USB hub is not supported by this product.
- Directly connect the USB storage device to this product.

No Response

- This product cannot recognize the connected USB storage device.
- Disconnect the device and replace it with another USB storage device.

USB was disconnected for device protection. Do not re-insert this USB memory into the unit. Please restart the unit.

- The USB connector or USB cable has short-circuited.
- Check that the USB connector or USB cable is not caught in something or damaged.
- The connected USB storage device consumes more than maximum allowable current.
- Disconnect the USB storage device and do not use it. Turn the ignition switch to OFF, then to ACC or ON and then connect a compliant USB storage device.
- The USB interface cable for iPod/iPhone has short-circuited.
- Confirm that the USB interface cable for iPod/iPhone or USB cable is not caught in something or damaged.

Your device is not authorized to play this DivX protected video.

- This product cannot play copy-protected DivX files.
- Select a file that can be played.

Audio Format not supported

- This type of file is not supported on this product.
- Select a file that can be played.

iPod

Error-02-6X/-9X/-DX

- iPod failure.
- Disconnect the cable from the iPod. Once the iPod's main menu is displayed, reconnect the iPod and reset it.

Error-02-67

- The iPod firmware version is old.
- Update the iPod version.

Bluetooth

Error-10

- The power failed for the Bluetooth module of this product.
- Turn the ignition switch to OFF and then to ON.

If the error message is still displayed after performing the above action, please contact your dealer or an authorized Pioneer Service Station.

Apple CarPlay

Attempting to connect to Apple CarPlay.

- Communication failed and the system is trying to connect.
- Wait for a while. Then, perform the actions below if the error message is still displayed.
- Restart the iPhone.
- Disconnect the cable from the iPhone, and then connect the iPhone again after a few seconds.
- Turn the ignition switch to OFF and then to ON.

If the error message is still displayed after performing the above action, please contact your dealer or an authorized Pioneer Service Station.

Android Auto

Android Auto has stopped.

- The connected device is not compatible with Android Auto.
- Check if the device is compatible with Android Auto.
- The startup of Android Auto failed for some reasons.
- Disconnect the cable from the smartphone, and then connect the smartphone again after a few seconds.
- Restart the smartphone.
- Turn the ignition switch to OFF and then to ON.

If the error message is still displayed after performing the above action, please contact your dealer or an authorized Pioneer Service Station.

- The time set in this product is not correct.
- Check if the time is correctly set.

Bluetooth pairing failed. Please pair your Android phone manually.

- The Bluetooth pairing failed for some reasons.
- Pair this product with the device manually.

To use Android Auto, please stop your car and check your Android phone.

- The default settings are displayed on the screen of the Android Auto compatible device or images are not output from the Android Auto compatible device.
- Park your vehicle in a safe place, and follow the instructions displayed on the screen. If the error message is still displayed after performing on-screen instructions, please reconnect the device.

Using the LCD screen correctly

Handling the LCD screen

- When the LCD screen is subjected to direct sunlight for a long period of time, it will become very hot, resulting in possible damage to the LCD screen. When not using this product, avoid exposing it to direct sunlight as much as possible.
- The LCD screen should be used within the temperature ranges shown in Specifications on page 109.

- Do not use the LCD screen at temperatures higher or lower than the operating temperature range, because the LCD screen may not operate normally and could be damaged.
- The LCD screen is exposed in order to increase its visibility within the vehicle. Please do not press strongly on it as this may damage it.
- Do not push the LCD screen with excessive force as this may scratch it.
- Never touch the LCD screen with anything besides your finger when operating the touch panel functions. The LCD screen can scratch easily.

Liquid crystal display (LCD) screen

- If the LCD screen is near the vent of an air conditioner, make sure that air from the air conditioner is not blowing on it. Heat from the heater may break the LCD screen, and cool air from the cooler may cause moisture to form inside this product, resulting in possible damage.
- Small black dots or white dots (bright dots) may appear on the LCD screen. These are due to the characteristics of the LCD screen and do not indicate a malfunction.
- The LCD screen will be difficult to see if it is exposed to direct sunlight.
- When using a cellular phone, keep the antenna of the cellular phone away from the LCD screen to prevent disruption of the video in the form of disturbances such as spots or colored stripes.

Maintaining the LCD screen

When removing dust from or cleaning the LCD screen, first turn this product off and then wipe the screen with a soft dry cloth.

- When wiping the LCD screen, take care not to scratch the surface. Do not use harsh or abrasive chemical cleaners.

LED (light-emitting diode) backlight

A light emitting diode is used inside the display to illuminate the LCD screen.

- At low temperatures, using the LED backlight may increase image lag and degrade the image quality because of the characteristics of the LCD screen. Image quality will improve with an increase in temperature.
- The product lifetime of the LED backlight is more than 10 000 hours. However, it may decrease if used in high temperatures.
- If the LED backlight reaches the end of its product lifetime, the screen will become dimmer and the image will no longer be visible. In that case, please consult your dealer or the nearest authorized Pioneer Service Station.

Specifications

General

Rated power source:

14.4 V DC (10.8 V to 15.1 V allowable)

Grounding system:

Negative type

Maximum current consumption:

10.0 A

Dimensions (W × H × D):

D

Chassis:

178 mm × 100 mm × 164 mm (7 in. × 3- 7/8 in. × 6-1/2 in.)

Nose:

171 mm × 97 mm × 14 mm (6-3/4 in. × 3-7/8 in. × 1/2 in.)

Weight:

1.2 kg (2.6 lbs)

Warning

This content is compiled from multiple sources and is provided for reference purposes only. It may not be complete or fully applicable to all situations. If you are unable to resolve your issue, please contact the product manufacturer or an authorized service provider for official support.