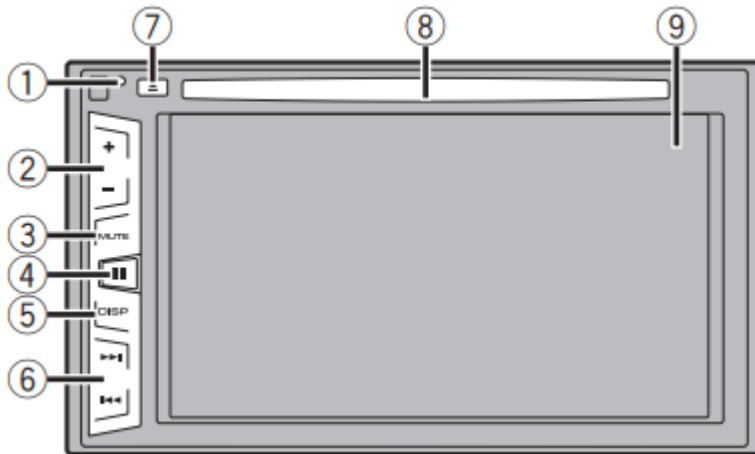






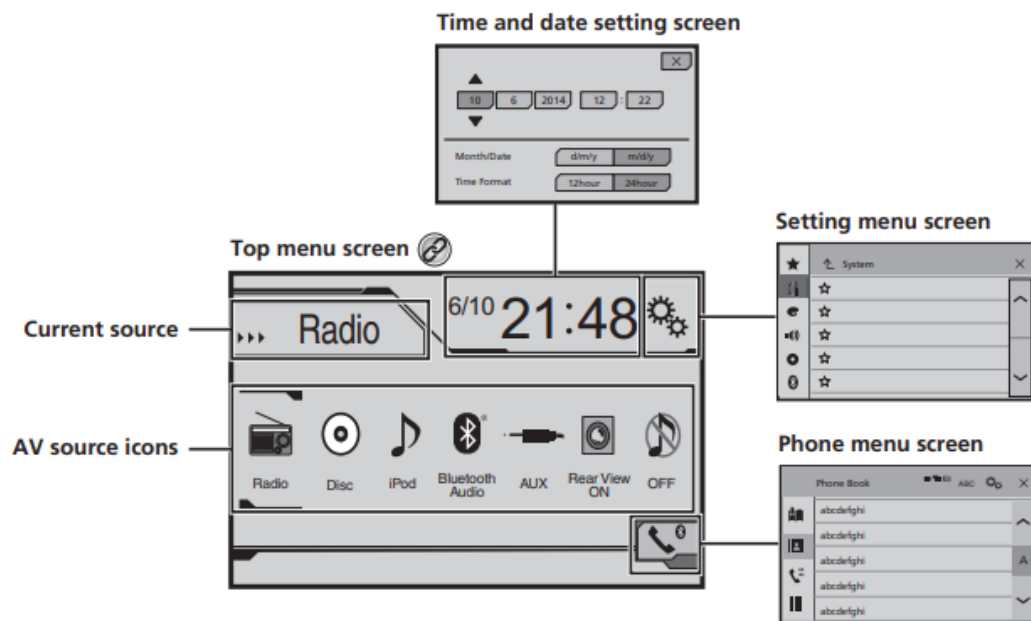
Basic operation

Checking part names and functions



1	RESET button	↻ <i>Resetting the microprocessor on page 6</i>
2	Volume (+/-) button	
3	MUTE button	Press to switch the mute setting to on or off.
4	 button	Press to switch the display between the top menu screen and the current source screen.
5	DISP button	Press to turn the display on or off.
6	TRK ( ) button	Performs manual seek tuning, fast forward, reverse and track search controls.
7	 button	
8	Disc-loading slot	↻ <i>Inserting and ejecting a disc on page 8</i>
9	LCD screen	

How to use the screens



Supported AV source

You can play or use the following sources with this product.


- Radio
- CD
- ROM (compressed audio files)
- DVD-Video

The following sources can be played back or used by connecting an auxiliary device.

- USB
- iPod
- Bluetooth audio (AVH-270BT) (AVH-271BT)
- AUX

Selecting a source

Source on the Top menu screen

1. Press .
2. Touch the source icon you want to select.

When you select "OFF", the AV source is turned off.

Source on the source list

1. Display the source list



① **Displays the source list.**



2. Touch the source key you want to select.

Using the touch panel

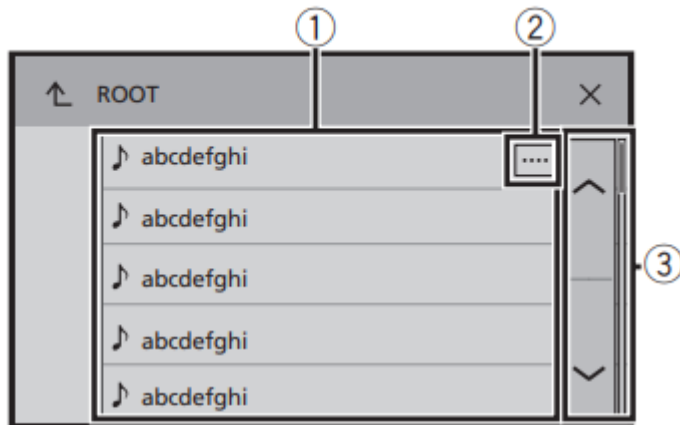
You can operate this product by touching the keys on the screen directly with your fingers.



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

Using the common touch panel keys

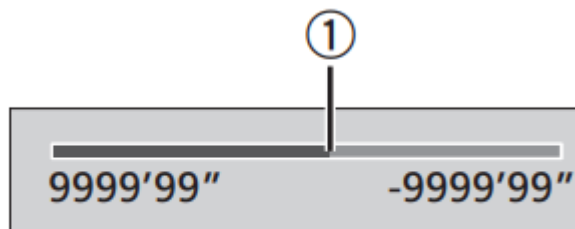
- : Returns to the previous screen.
- : Closes the screen.

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 rest are scrolled for display.
- ③ Appears when items cannot be displayed on a single page.
Touch  or  to view any hidden items.

Operating the time bar



- ① You can change the playback point by dragging the key.

This function is not available when the Bluetooth Audio is selected as the AV source.

Switching the operation panel

- : Switches the operation panel of AV sources.

This key is not available on all sources

Registration and connection of Bluetooth device

Displaying the “Bluetooth” screen


1. Press .
2. Touch , and then .

The “Bluetooth” screen appears.

Registering your Bluetooth devices

If three devices are already paired, “Memory Full” is displayed. Delete a paired device first.

Deleting a registered device on page 11

1. Activate the Bluetooth wireless technology on your devices.
2. Display the “Bluetooth” screen. Displaying the “Bluetooth” screen on page 10
3. Touch [Connection].
4. Touch .

The system searches for Bluetooth devices waiting for a connection and displays them in the list if a device is found.

5. Touch the Bluetooth device name you want to register.
 - If your device supports SSP (Secure Simple Pairing), a sixdigit number appears on the display of this product. Touch [Yes] to pair the device.
 - Once the connection is established, the device name is displayed. Touch the device name to disconnect. After the device is successfully registered, a Bluetooth connection is established from the system.
 - The Bluetooth connection can be also made by detecting this product from the Bluetooth device. Before registration, make sure that “Visibility” in the “Bluetooth” menu is set to “On”. For details on a Bluetooth device operations, refer to the operating instructions supplied with the Bluetooth device.

Switching visibility on page 11

Connecting to a Bluetooth device automatically

This function connects the last connected Bluetooth device to this product automatically as soon as the two devices are less than a few meters apart.

1. Display the “Bluetooth” screen.

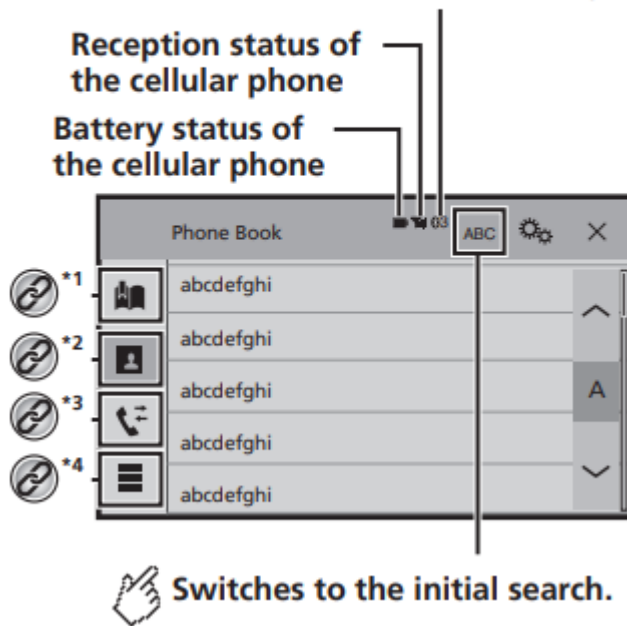
Displaying the “Bluetooth” screen on page 10
2. Touch [Auto Connect] to switch “On” (default) or “Off”.

Hands-free phoning

270BT, 271BT

Bluetooth telephone connected indicator

The device number of the connected device is displayed.



- *1 Displays the preset dial screen.
☞ *Using the preset dial lists on page 12*
- *2 Switches to the phone book list.
☞ *Calling a number in the phone book on page 12*
- *3 Switches to the missed, received and dialed call lists.
☞ *Dialing from the history on page 12*
- *4 Switches the mode to enter the phone number directly.
☞ *Direct dialing on page 12*

Changing the phone settings

Answering a call automatically

1. Display the “Bluetooth” screen. Displaying the “Bluetooth” screen on page 10
2. Touch [Auto Answer] to switch “On” or “Off” (default).

Switching the ring tone

You can select whether or not to use this product’s ring tone.



1. Display the “Bluetooth” screen. Displaying the “Bluetooth” screen on page 10
2. Touch [Ring Tone] to switch “On” (default) or “Off”.

Inverting names in the phone book

1. Display the “Bluetooth” screen. Displaying the “Bluetooth” screen on page 10
2. Touch [Invert Name].

Setting the private mode

During a conversation, you can switch to private mode (talk directly on your cellular phone).

- Touch  or  to turn private mode on or off.

Adjusting the other party's listening volume

This product can be adjusted to the other party's listening volume.

- Touch  to switch between the three volume levels.

Settings can be stored for each device

Notes for hands-free phoning

General notes

- Connection to all cellular phones featuring Bluetooth wireless technology is not guaranteed.
- The line-of-sight distance between this product and your cellular phone must be 10 meters or less when sending and receiving voice and data via Bluetooth technology.
- With some cellular phones, the ring sound may not be output from the speakers.
- If private mode is selected on the cellular phone, hands-free phoning may be disabled.

Registration and connection

- Cellular phone operations vary depending on the type of cellular phone. Refer to the instruction manual that came with your cellular phone for detailed instructions.
- When phone book transfer does not work, disconnect your phone and then perform pairing again from your phone to this product.

Making and receiving calls

- You may hear a noise in the following situations:
 - When you answer the phone using the button on the phone.
 - When the person on the other end of the line hangs up the phone.
- If the person on the other end of the line cannot hear the conversation due to an echo, decrease the volume level for hands-free phoning.
- With some cellular phones, even after you press the accept button on the cellular phone when a call comes in, handsfree phoning may not be performed.
- The registered name will appear if the phone number is already registered in the phone book. When one phone number is registered under different names, only the phone number will be displayed.

The received call and the dialed number histories

- You cannot make a call to the entry of an unknown user (no phone number) in the received call history.


- If calls are made by operating your cellular phone, no history data will be recorded in this product.

Phone book transfers

- If there are more than 1 000 phone book entries on your cellular phone, not all entries may download completely.
- Depending on the phone, this product may not display the phone book correctly.
- If the phone book in the phone contains image data, the phone book may not be transferred correctly.
- Depending on the cellular phone, phone book transfer may not be available.

Compressed audio files

Starting procedure (for Disc)


1. Press .
2. Insert the disc you want to play.

The source changes and then playback will start.

Inserting and ejecting a disc on page 8


If the disc is already set, select [Disc] as the playing source.

Starting procedure (for USB)

1. Press .
2. Plug the USB storage device. Plugging and unplugging a USB storage device on page 8
3. Touch [USB]. Play back is performed in order of folder numbers. Folders are skipped if they contain no playable files.

Selecting files from the file name list

You can find files or folders to play back using the file name or folder name list.

1. Touch .
2. Touch a file on the list to play back.

Files are played back in file number order.

Switching the media file type

When playing a digital media containing a mixture of various media file types you can switch between media file types to play.

1. Touch .

2. Touch the item you want to set.

- Music:

Switches the media file type to music (compressed audio).

- Video:

Switches the media file type to video.

- CD-DA:

Switches the media file type to CD (audio data (CD-DA)).


- Photo:

Switches the media file type to still image (JPEG or BMP data).

Still image files

Selecting files from the file name list


You can select files to view using the file name list.

1. Touch .
2. Touch a file on the list to play back.

Touching a folder on the list shows its contents. You can play a file on the list by touching it.

Switching the media file type

When playing a digital media containing a mixture of various media file types you can switch between media file types to play.

1. Touch .
2. Touch the item you want to set.

- Music:

Switches the media file type to music (compressed audio).

- Video

Switches the media file type to video.

- Photo

Switches the media file type to still image (JPEG data).

Setting the slideshow interval

JPEG or BMP files can be viewed as a slideshow on this product. In this setting, the interval between each image can be set.

- This setting is available during playback of the JPEG or BMP files.

1. Display the “Video Setup” screen.



2. Touch [Time Per Photo Slide].

3. Touch the item you want to set.

The following items are available: “10sec” (default), “5sec”, “15sec”, “ Manual”.

Bluetooth audio player

Selects a file from the list.

Selecting files from the file name list on page 22

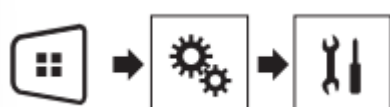
- By pressing the **⏮** or **⏭** button, you can also skip files forward or backward.
- By pressing and hold the **⏮** or **⏭** button, you can also perform fast reverse or fast forward.
- Before using the Bluetooth audio player, register and connect the device to this product.


Registering your Bluetooth devices on page 10

- Depending on the Bluetooth device connected to this product, the available operations with this product may be limited or differ from the descriptions in this manual.
- While you are listening to songs on your Bluetooth device, please refrain from operating the phone function as much as possible. If you try operating, the signal may cause noise for song playback.
- When you are talking on the Bluetooth device connected to this product via Bluetooth, it may pause playback.

Starting procedure


1. Display the “System” setting screen.



2. Touch [AV Source Settings].
3. Confirm that “Bluetooth Audio” is turned on.
4. Press .
5. Touch [Bluetooth Audio].


Selecting files from the file name list

This function may not be available depending on some Bluetooth device.

1. Touch .
2. Touch a file or a folder on the list to play back

System settings

Displaying the “System” setting screen

1. Press .
2. Touch , and then .

The “System” setting screen appears.

Activating the Bluetooth audio source

270BT, 271BT

1. Display the “System” setting screen. [Displaying the “System” setting screen on page 23](#)
2. Touch [AV Source Settings].
3. Touch [Bluetooth Audio] to switch “On” (default) or “Off”.

Setting the ever scroll

When “Ever Scroll” is set to “On”, the recorded text information scrolls continuously in the display.

1. Display the “System” setting screen. [Displaying the “System” setting screen on page 23](#)
2. Touch [Ever Scroll] to switch “On” or “Off” (default).

Setting the rear view camera

A separately sold rear view camera (e.g. ND-BC6) is required for utilizing the rear view camera function. (For details, consult your dealer.)

Rear view camera

This product features a function that automatically switches to the full-screen image of the rear view camera installed on your vehicle, when the shift lever is in the REVERSE (R) position.

- When the shift lever is aligned to the REVERSE (R) position immediately after the system of this product is started up, only the camera image will be displayed and the parking assist guidelines will not be displayed.

Camera for Rear View mode

Rear View can be displayed at all times. Please note that with this setting, the camera image is not resized to fit, and that a portion of what is seen by the camera is not viewable.

CAUTION

Pioneer recommends the use of a camera which outputs mirror reversed images, otherwise the screen image may appear reversed.

- Immediately verify whether the display changes to a rear view camera image when the shift lever is moved to REVERSE (R) from another position.
- When the screen changes to full-screen rear view camera image during normal driving, switch to the opposite setting in “Camera Polarity”.

Setting rear view camera activation

1. Display the “System” setting screen. Displaying the “System” setting screen on page 23
2. Touch [Camera Settings].
3. Touch [Back Camera Input] to switch “On” or “Off” (default).

Setting the polarity of the rear view camera

This function is available when “Back Camera Input” is “On”.

Setting rear view camera activation on page 23

1. Display the “System” setting screen. Displaying the “System” setting screen on page 23
2. Touch [Camera Settings].
3. Touch [Camera Polarity].

- Battery (default):

The polarity of the connected lead is positive.

- Ground:

The polarity of the connected lead is negative.

Setting the dimmer

Setting the dimmer trigger

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

1. Display the “System” setting screen. Displaying the “System” setting screen on page 23
2. Touch [Dimmer Settings].
3. Touch [Dimmer Trigger].
4. Touch the item.

- Auto (default):

Switches the dimmer to on or off automatically according to your vehicle’s headlight turning on or off.

- Manual:

Switches the dimmer to on or off manually.

- Time:

Switches the dimmer to on or off at the time you adjusted.

Setting the dimmer duration in day or night

You can use this function when “Dimmer Trigger” is set to “Manual”.

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

1. Display the “System” setting screen. Displaying the “System” setting screen on page 23
2. Touch [Dimmer Settings].
3. Touch [Day/Night] to switch the following items.

- Day (default):

Turns the dimmer manually to off.

- Night:

Turns the dimmer manually to on

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.

Problems with the AV screen

CD or DVD playback is not possible.

The disc is inserted upside down.

Insert the disc with the label upward.

The disc is dirty.

Clean the disc.

The disc is cracked or otherwise damaged.

Insert a normal, round disc.

The files on the disc are in an irregular file format.

Check the file format.

The disc format cannot be played back.

Replace the disc.

The loaded disc is a type this product cannot play.

Check what type of disc it is.

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

The parking brake lead is not connected or 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.

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 system is performing still, slow motion, or frame-byframe playback with DVD-Video.

There is no sound during still, slow motion, or frame-byframe playback with DVD-Video.

The system is paused or performing, fast reverse or forward during the disc playback.

For the media other than music CD (CD-DA), there is no sound on fast reverse or forward.

The icon  is displayed, and operation is impossible.

The operation is not compatible with the video configuration.

This operation is not possible. (For example, the DVD playing does not feature that angle, audio system, subtitle language, etc.)

The picture stops (pauses) and this product cannot be operated.

The reading of data is impossible during disc playback.

Stop playback once, then restart.

The picture is stretched, with an incorrect aspect ratio.

The aspect setting is incorrect for the display.

Select the appropriate setting for that image.

A parental lock message is displayed and DVD playback is not possible.

The parental lock is on.

Turn the parental lock off or change the level.

The parental lock for DVD playback cannot be canceled.

The code number is incorrect.

Input the correct code number.

Playback is not with the audio language and subtitle language settings selected in “DVD/DivX Setup”.

The DVD playing does not feature dialog or subtitles in the language selected in “DVD/DivX Setup”.

Switching to a selected language is not possible if the language selected in “DVD/DivX Setup” is not recorded on the disc.

The picture is extremely unclear/distorted and dark during playback.

The disc features a signal to prohibit copying. (Some discs may have this.)

Since this product is compatible with the copy guard analog copy protect system, the picture may suffer from horizontal stripes or other imperfections when a disc with that kind of protection signal is viewed on some displays. This is not a malfunction

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 turn off the engine. Turn the ignition key back to off (ACC OFF). Then restart the engine, and turn the power to this product back on.

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.

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 now.

Perform the connection process.

Problems with the 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.

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

When problems occur with this product, an error message appears on the display. Refer to the table below to identify the problem, then take the suggested corrective action. If the error persists, record the error message and contact your dealer or your nearest Pioneer service center.

Common

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.

Product overheat. System will be shut down automatically in 1 minute. Restart the product by ACC Off/On may fix this problem. If this message keep showing up, it is possible that some problem occurred in the product.

The temperature is too high for this product to operate.

Follow the instructions displayed on the screen. If this does not solve the problem, contact your dealer or an authorized Pioneer Station for assistance.

Disc

Error-02-XX/FF-FF

The disc is dirty.

Clean the disc.

The disc is scratched.

Replace the disc.

The disc is loaded upside down.

Check that the disc is loaded correctly.

There is an electrical or mechanical error.

Press the RESET button.

Different Region Disc

The disc does not have the same region number as this product.

Replace the DVD with one bearing the correct region number.

Unplayable Disc

This type of disc cannot be played on this product.

Replace the disc with one that can be played on this product.

Unplayable File

This type of file cannot be played on this product.

Select a file that can be played.

Skipped

The inserted disc contains DRM protected files.

The protected files are skipped.

Protect

All the files on the inserted disc are embedded with DRM.

Replace the disc.

TEMP

The temperature of this product is outside the normal operating range.

Wait until this product returns to a temperature within the normal operating limits.

This DivX rental has expired.

The inserted disc contains expired DivX VOD content.

Select a file that can be played.

Video resolution not supported

Files that cannot be played on this product are included in the file.

Select a file that can be played.

Unable to write to flash memory.

The playback history for VOD contents cannot be saved for some reason.

Retry.

If the message appears frequently, consult your dealer.

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

This product's DivX registration code has not been authorized by the DivX VOD contents provider.

Register this product to the DivX VOD contents provider.

Video frame rate not supported

DivX file's frame rate is more than 30 fps.

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

USB storage device

Error-02-6X

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

This type of file cannot be played on this product.

Select a file that can be played.

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 is 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.

Video resolution not supported

Files that cannot be played on this product are included in the file.

Select a file that can be played.

USB was disconnected for device protection. Do not reinsert this USB memory into the unit. Press reset to restart USB memory.

The USB connector or USB cable is 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 is short-circuited.

Confirm that the USB interface cable for iPod / iPhone or USB cable is not caught in something or damaged.

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

iPod failure.

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

Error-02-60

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.

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.

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