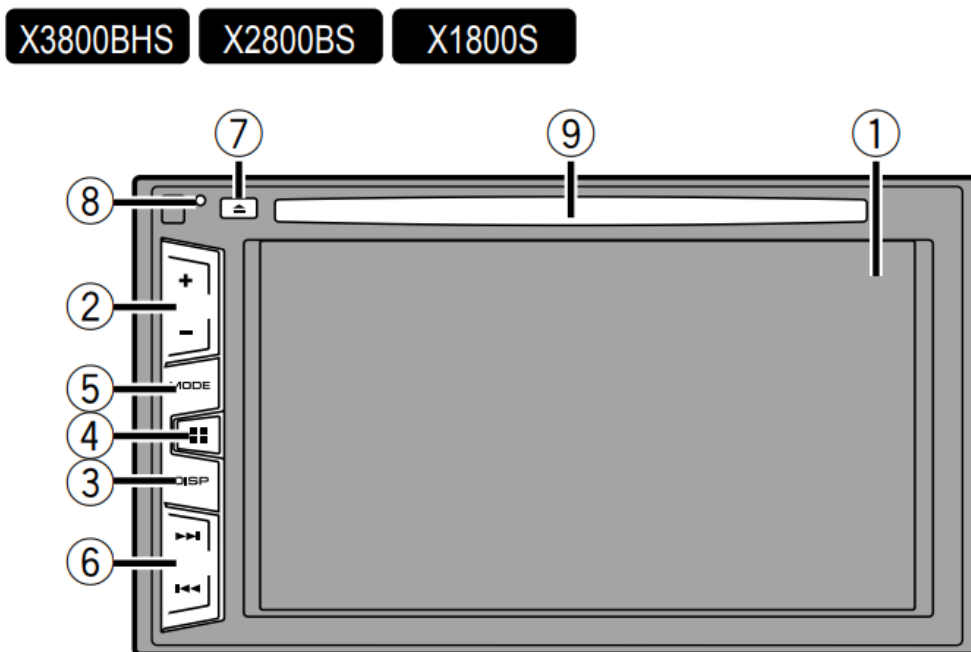






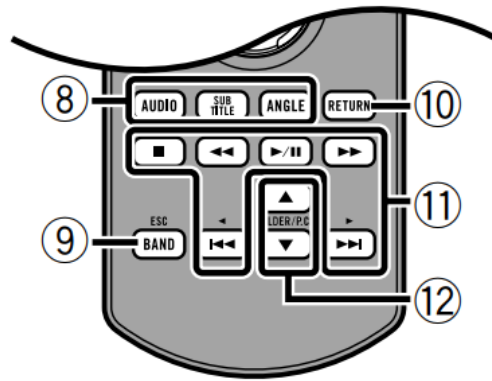
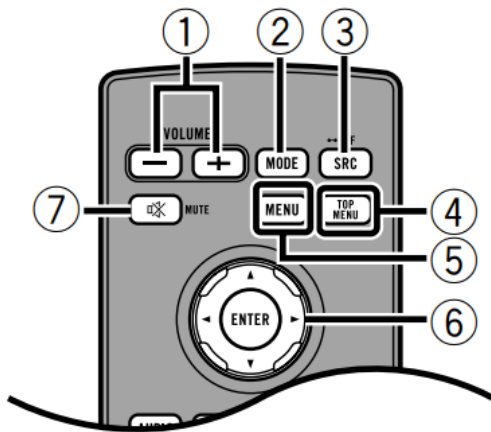
Basic operation







Checking part names and functions



1	LCD screen	
2	Volume (+/-) button	
3	DISP button	<p>On the AV operation screen, press to turn the display off.</p> <p>On the Application screen or navigation mode, press to display the side control bar. Press and hold to turn the display off.</p> <p><input type="checkbox"/> When the display is turned off, touch the screen to revert to the original screen.</p>
4	 button	<p>Press to display the top menu screen.</p> <p>Press and hold to activate the voice recognition function.</p> <p>➡ Refer to <i>Using the voice recognition function (for iPhone)</i> on page 15</p>
5	MODE button	<p>Press to switch between the Application screen and the AV operation screen.</p> <p>Press and hold to switch to the camera view mode.</p>
6	TRK ( ) button	<p>Press to return to the previous track (chapter) or go to the next track (chapter).</p> <p>Press and hold to perform fast reverse or fast forward.</p> <p>Press to answer or end a call.</p>
7	 button	
8	RESET button	➡ Refer to <i>Resetting the microprocessor</i> on page 6
9	Disc-loading slot	➡ Refer to <i>Inserting and ejecting a disc</i> on page 8

Remote control



1	Volume (+/-)	
2	MODE	Press to switch between the Application screen and the AV operation screen. Press and hold to switch to the camera view mode.
3	SRC	Press to cycle through all the available sources. Press and hold to turn the source off.
4	TOP MENU	Returns to the top menu during DVD playback.
5	MENU	Displays the DVD menu during DVD playback.
6	Thumb pad	Selects a menu on the DVD menu.
7	MUTE	
8	AUDIO SUBTITLE ANGLE	Changes the audio language, subtitle language or viewing angle during DVD playback.
9	BAND/ESC	Selects the tuner band when tuner is selected as a source. Cancels the control mode of functions. Switches between media file types when playing the data of Disc, USB.
10	RETURN	Returns to the specified point and begins playback from there.
11		Pauses or resumes playback.
	 or 	For audio: Press and hold to perform fast reverse or fast forward. For video: Press to perform fast reverse or fast forward.
	 or 	Press to return to the previous track (chapter) or go to the next track (chapter). Press to answer or end a call.
		Stops playback. If you resume playback, playback will start from the point where you stopped. Touch the key again to stop playback completely.
12	FOLDER/P.CH	Selects the next or previous disc or folder. Recalls radio station frequencies assigned to preset channel keys.

Notes on using the LCD panel

WARNING

- Keep hands and fingers clear of this product when opening, closing, or adjusting the LCD panel. Be especially cautious of children's hands and fingers.

- Do not use with the LCD panel left open. It may result in injury in the event of an accident.

CAUTION

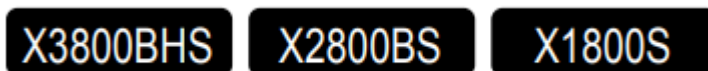
- Do not open or close the LCD panel by force. It may cause a malfunction.
- Do not operate this product until the LCD panel has completely opened or closed. The LCD panel may stop at that angle for safety.
- Do not place a glass or can on the open LCD panel.

Inserting/ejecting/connecting media

CAUTION: Do not insert anything other than a disc into the disc-loading slot.

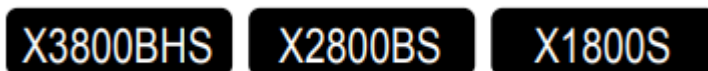
Inserting and ejecting a disc

Inserting a disc



1. Insert a disc into the disc-loading slot.

Ejecting a disc

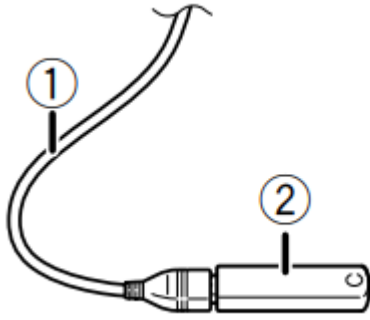


1. Press  button to eject a disc.


Plugging and unplugging a USB storage device

- This product may not achieve optimum performance with some USB storage devices.
- Connection via a USB hub is not possible.
- A USB cable is required for connection.

1. Pull out the plug from the USB port of the USB cable.
2. Plug a USB storage device into the USB cable.



1. USB cable
2. USB storage device

 Check that no data is being accessed before pulling out the USB storage device.

On first-time startup

1. Start the engine to boot up the system. The “Select Program Language” screen appears
 - From the second time on, the screen shown will differ depending on the previous conditions.

2. Touch the language.

3. Touch

The “Speaker Mode Settings” screen appears.

4. Touch the speaker modes.

- Standard Model: 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).

5. Touch [OK]. The “Smartphone Setup” screen appears.

6. Touch the item. Refer to Information on the connections and functions for each device on page 17

7. Touch

The top menu screen appears.

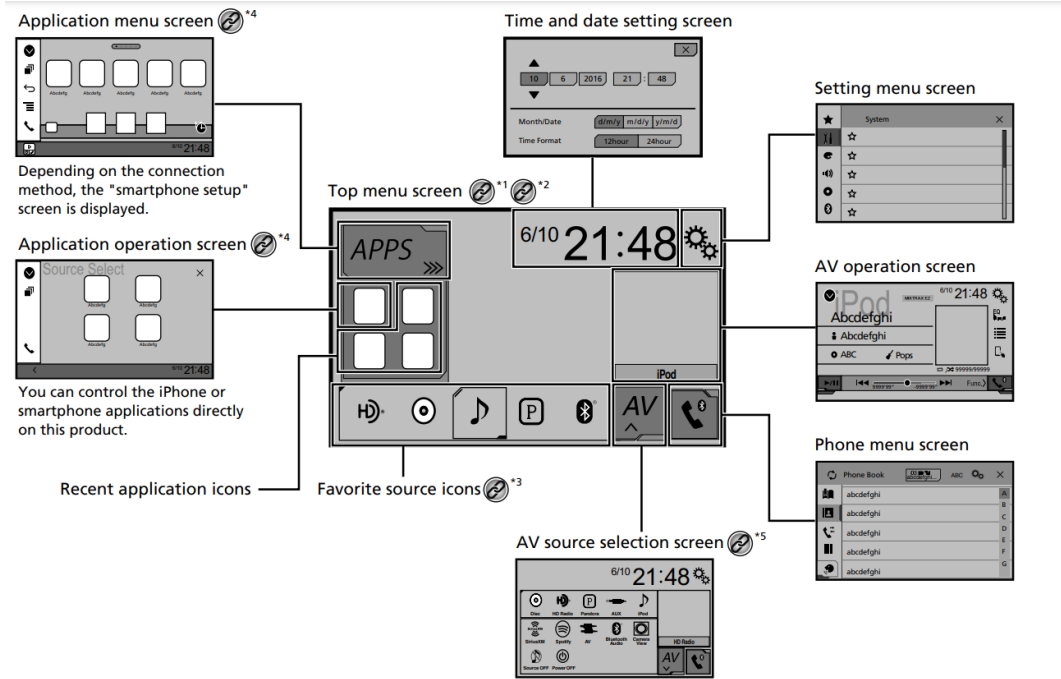
- Once the speaker mode is set, the setting cannot be changed unless this product is restored to the default settings. Restore the default settings to change the speaker mode setting. Refer to Restoring the default settings on page 52







Switching the speaker mode

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

1. Restore the default setting. Refer to Restoring the default settings on page 52

How to use the screens



-  ***1** The top menu screen of this manual is the screen when using the **AppRadioOne**. The items displayed on the screen may vary depending on the connecting device or mode. When you connect an iPhone via Bluetooth wireless technology or a smartphone via USB cable, "**Smartphone Setup**" screen appears by touching [**APPS**].
-  ***2** By pressing the  button on any screen you can display the Top menu screen.
-  ***3** When you connect the external navigation system to this unit, the navigation mode key is displayed at the left bottom of the display.
-  ***4** By pressing the **MODE** button you can switch between the Application screen and the AV operation screen.
-  ***5** If you select "**Power OFF**", you can turn off almost all functions. The "**Power OFF**" mode is released in the following cases:
 - An incoming call is received.
 - A rear view camera image is input when the vehicle reverses.
 - A button on this product is pressed.
 - The ignition switch is turned off (ACC OFF), then turned on (ACC ON).

Registration and connection of Bluetooth® device

X5800BHS **X4800BS** **X3800BHS** **X2800BS**

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. Refer to Deleting a registered device on page 12

1. Activate the Bluetooth wireless technology on your devices.
2. Display the "Bluetooth" screen. Refer to Displaying the "Bluetooth" screen on page 12

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.

After the device is successfully registered, a Bluetooth connection is established by the system. Once the connection is established, the device name is displayed on the list.

- If your device supports SSP (Secure Simple Pairing), a sixdigit number appears on the display of this product. Touch [Yes] to pair the device.
- 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. Refer to Switching visibility on page 13
- Two cellular phones can be connected to this product at the same time. Refer to Switching the connected Bluetooth device on page 13
- If you try to connect an unconnected cellular phone while two cellular phones are already connected, the first one of the two connected cellular phones will be disconnected and the unconnected cellular phone will be connected instead.

Setting Bluetooth device auto connection

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. The default setting is “On”.

- If two Bluetooth devices were connected the last time, the two devices are connected to this product automatically in the order that they are registered in the device list.

1. Display the “Bluetooth” screen. Refer to Displaying the “Bluetooth” screen on page 12
2. Touch [Auto Connect] to switch “On” or “Off”

Deleting a registered device

CAUTION Never turn this product off while the paired Bluetooth device is being deleted.

1. Display the “Bluetooth” screen. Refer to Displaying the “Bluetooth” screen on page 12
2. Touch [Connection].

3. Touch .

Connecting a registered Bluetooth device manually

Connect the Bluetooth device manually in the following cases:

- Two or more Bluetooth devices are registered, and you want to manually select the device to be used.

- You want to reconnect a disconnected Bluetooth device.
 - Connection cannot be established automatically for some reason.
1. Activate the Bluetooth wireless technology on your devices.
 2. Display the “Bluetooth” screen. Refer to Displaying the “Bluetooth” screen on page 12
 3. Touch [Connection].
 4. Touch the name of the device.
 - To disconnect the device, touch the name of the connected device in the list.

Switching visibility

This function sets whether or not to make this product visible to the other device.


The default setting is “On”.

1. Display the “Bluetooth” screen. Refer to Displaying the “Bluetooth” screen on page 12
2. Touch [Visibility] to switch “On” or “Off”

Entering the PIN code for Bluetooth wireless connection

To connect your Bluetooth device to this product, you need to enter a PIN code.

You can change the PIN code with this function.

- The default PIN code is “0000”.
1. Display the “Bluetooth” screen. Refer to Displaying the “Bluetooth” screen on page 12
 2. Touch [PIN Code Input].
 3. Touch [0] to [9] to input the pin code (up to 8 -digits).
 4. Touch .

Displaying the device information

1. Display the “Bluetooth” screen. Refer to Displaying the “Bluetooth” screen on page 12
2. Touch [Device Information]. The device name and address of the Bluetooth device on this product are displayed.

Clearing the Bluetooth memory

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

CAUTION: Never turn this product off while the Bluetooth memory is being cleared.

1. Display the “Bluetooth” screen. Refer to Displaying the “Bluetooth” screen on page 12
2. Touch [Bluetooth Memory Clear].
3. Touch [Clear]. The confirmation screen appears.

Updating Bluetooth software

This function is used to update this product with the latest Bluetooth software. For details on Bluetooth software and updating, refer to our website.

- The source is turned off and the Bluetooth connection is disconnected before the process starts.
- This setting is available only when you stop your vehicle in a safe place and apply the parking brake.
- You need to store the version update file to the USB storage device in advance.

CAUTION: Never turn this product off and never disconnect the phone while the software is being updated

1. Connect the USB storage device stored the version update file to this unit. Refer to Plugging and unplugging a USB storage device on page 8 2
2. Display the “Bluetooth” screen. Refer to Displaying the “Bluetooth” screen on page 12
3. Touch [BT Software Update].
4. Touch [Start].

Follow the on-screen instructions to finish updating the Bluetooth software.

Displaying the Bluetooth software version

If this product fails to operate properly, you may need to consult your dealer for repair.

In such cases, perform the following procedure to check the software version on this unit.

1. Display the “Bluetooth” screen. Refer to Displaying the “Bluetooth” screen on page 12
2. Touch [Bluetooth Version Information]. The version of this product’s Bluetooth module appears.

Switching the connected Bluetooth device

After registering and connecting the Bluetooth devices to this product, you can switch among the devices using the switch devices key in the phone function and some audio sources.

- You can register up to three Bluetooth devices on this product. Refer to Registering your Bluetooth devices on page 12
- You can connect one of the registered devices to this product. In cases where the registered device is equipped with a phone function, a total of two devices can be connected at the same time when using the phone function. If two of the three registered devices are already connected, you can connect the remaining third device to use the audio function only from the switch devices key on the audio source screen. p The icon for the cellular phone currently being used is displayed on the “Phone menu” screen. If you connect two cellular phones to this product at the same time, you can switch between the cellular phones using the switch devices key. The contents of the phone

menu are memorized for each connected cellular phone. Refer to Hands-free phoning on page 14

- The switch devices key will appear for some audio sources. The audio source may automatically switch to another source depending on the selected device.

Hands-free phoning

X5800BHS

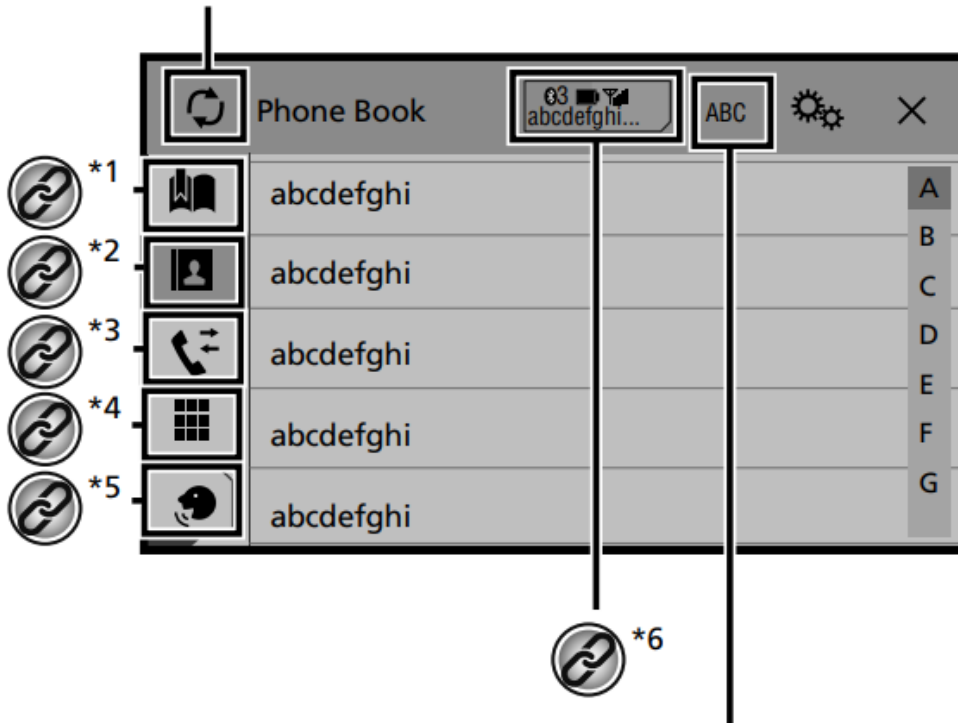
X4800BS

X3800BHS





X2800BS





Synchronizes the contacts on this product's phone book with the contacts on your phone manually.





Switches the search language to English or system language.

-  ***1** Switches to the preset dial screen.
 ➔ Refer to *Using the preset dial lists* on page 14
-  ***2** Switches to the phone book list.
 ➔ Refer to *Calling a number in the phone book* on page 14
-  ***3** Switches to the missed, received and dialed call lists.
 ➔ Refer to *Dialing from the history* on page 14
-  ***4** Switches the mode to enter the phone number directly.
 ➔ Refer to *Direct dialing* on page 14

-  ***5** Switches to the voice recognition function (for iPhone).
 ➔ Refer to *Using the voice recognition function (for iPhone)* on page 15
-  ***6** If you connect two cellular phones to this product at the same time, you can switch between the cellular phones using the switch devices key. The following items are displayed on the key.
 - Name of the current cellular phone
 - List number of the current cellular phone
 - Battery status of the current cellular phone
 - Reception status of the current cellular phone
 ➔ Refer to *Switching the connected Bluetooth device* on page 13


Displaying the Phone menu screen



1. Press .
2. Touch . The Phone menu screen appears.

Making a phone call

You can make a phone call in many different ways.

Direct dialing

1. Display the “Phone menu” screen. Refer to *Displaying the Phone menu screen* on page 14
2. Touch .
3. Touch the number keys to enter the phone number.

4. Touch  to make a call.
5. Touch  to end the call.



You may hear a noise when you hang up the phone

Calling a number in the phone book






The contacts on your phone will be automatically transferred to this product.

“Visibility” of the “Bluetooth” screen should be on. Refer to Switching visibility on page 13

If two cellular phones are automatically connected to this product with the Bluetooth device auto connect function, the phone book of the second phone is displayed.


1. Display the “Phone menu” screen. Refer to Displaying the Phone menu screen on page 14
2. Touch .
3. Touch the desired name on the list.
4. Touch the phone number. The dial screen appears and dialing starts.
5. Touch  to end the call.

Dialing from the history

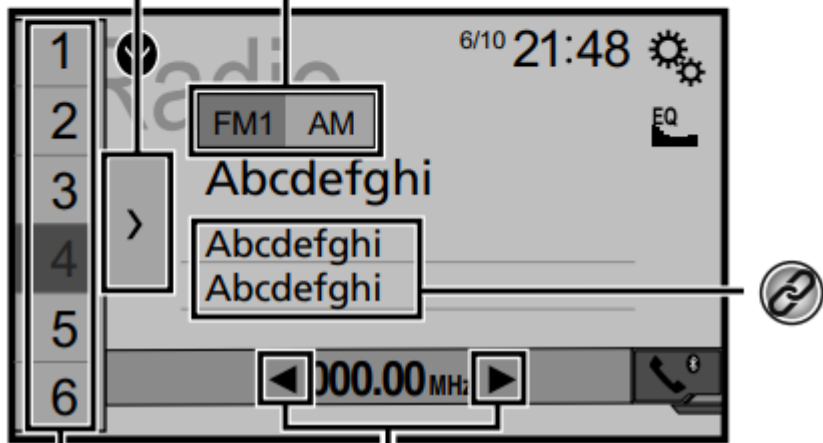
1. Display the “Phone menu” screen. Refer to Displaying the Phone menu screen on page 14
2. Touch .
3. Touch the item to switch the history list. The following items are available:
 - : Received call list
 - : Dialed call list
 - : Missed call list
4. Touch the desired entry on the list to make a call. The dial screen appears and dialing starts.
5. Touch  to end the call.


Radio


X4800BS X2800BS X1800S


 **Displays the preset channel list.**
Select an item on the list ("1" to "6") to switch to the preset channel.


 **Selects the FM1, FM2, FM3 or AM band.**





 **Performs manual tuning.**

 **Performs seek tuning or non stop seek tuning.**
Releasing the key in a few seconds, skips to the nearest station from the current frequency.
Keeping holding the key for a long seconds, performs non stop seek tuning.





 **Recalls the preset channel stored to a key from memory.**

 **Stores the current broadcast frequency to a key.**

Stores song information to an iPod. Refer to Storing song information to an iPod (iTunes Tagging) on page 51

• By pressing  or , you can also switch the preset channels.



- By pressing and hold  or  and release, you can also perform seek tuning.
- By keeping touching and holding  or , you can perform non stop seek tuning. Touch again to cancel.

Starting procedure

1. Display the “AV source selection” screen.





2. Touch [Radio]. The “Radio” screen appears

Storing the strongest broadcast frequencies

The BSM (best stations memory) function automatically stores the six strongest broadcast frequencies under the preset tuning keys “1” to “6”.

- Storing broadcast frequencies with BSM may replace those you have already saved.
- Previously stored broadcast frequencies may remain stored if the number of frequencies stored has not reached the limit.

1. Touch .
2. Touch  to begin a search.

While the message is displayed, the six strongest broadcast frequencies will be stored under the preset tuning keys in order of their signal strength.

- If you touch [Cancel], the storage process is canceled.

Tuning into strong frequencies

- This setting is available only when “Radio” is selected as the source.

Local seek tuning allows you to only tune into those radio stations with sufficiently strong signals.

1. Display the “System” setting screen.






2. Touch [AV Source Settings].
3. Touch [Radio settings].
4. Touch [Local].
5. Touch the item.
 - Off (default): Turns the seek tuning setting off.

- Level1 to Level4: Sets the level of sensitivity for FM to Level1 to Level4 (for AM Level1 or Level2).
 - The FM “Level4” (AM “Level2”) setting allows reception of only stations with the strongest signals.

System settings

Displaying the “System” setting screen

1. Press .
2. Touch , and then . The “System” setting screen appears.

Setting Bluetooth audio source activation



The default setting is “On”.

1. Display the “System” setting screen. Refer to Displaying the “System” setting screen on page 41
2. Touch [AV Source Settings].
3. Touch [Bluetooth Audio] to switch “On” or “Off”.

Setting Spotify source activation

The default setting is “On”.

1. Display the “System” setting screen. Refer to Displaying the “System” setting screen on page 41
2. Touch [AV Source Settings].
3. Touch [Spotify] to switch “On” or “Off”.

Setting the ever scroll

When “Ever Scroll” is set to “On”, the recorded text information scrolls continuously in the display while the vehicle is stopped. The default setting is “Off”.

1. Display the “System” setting screen. Refer to Displaying the “System” setting screen on page 41
2. Touch [Ever Scroll] to switch “On” or “Off”.

Setting the beep tone

The default setting is “On”.

1. Display the “System” setting screen. Refer to Displaying the “System” setting screen on page 41
2. Touch [Beep Tone] to switch “On” or “Off”.

Setting the auto audio mix function

You can select whether or not to activate the auto audio mix function. If the auto audio mix function is activated, this product automatically switches between mixing or not mixing the AV source sound and the sound output from your iPhone or smartphone according to the mixing property, such as that of the mixed sound or solo sound of the foreground application on your iPhone or smartphone. The default setting is “On”.

1. Display the “System” setting screen. Refer to Displaying the “System” setting screen on page 41
2. Touch [Auto Mix] to switch “On” or “Off”.

Setting AppRadioOne Sound

You can set where the sound for AppRadioOne is output when it is used with an Android device.

1. Display the “System” setting screen. Refer to Displaying the “System” setting screen on page 41
2. Touch [Input/Output settings].
3. Touch [AppRadioOne Sound].
4. Touch the following settings.
 - AVH (default): The sound is output from the speakers of this unit.
 - Smartphone: The sound is output from the speakers of the Android device.
 - With an iPhone, the sound is always output from the speakers of this unit

Setting the rear view camera

A separately sold rear view camera (e.g. ND-BC8) 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. Camera View mode also allows you to check what is behind you while driving.

Camera for Camera View mode

Camera 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. To display the camera image, touch [Camera View] on the “AV source selection” screen. Refer to Source on the AV source selection screen on page 11

- To set the rear view camera as the camera for Camera View mode, set “Back Camera Input” to “On”. Refer to Setting rear view camera activation on page 41
- When using the 2nd camera, set “AV Input” to “Camera”. (AVH-X5800BHS)(AVH-X3800BHS). Refer to Starting procedure (for camera) on page 39
- When the camera view of both the rear view camera and 2nd camera are available, the key to switch the display appears. Touch this key to switch the display between the rear view image and 2nd camera image.

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”.
- If you touch  while the camera image is displayed, the displayed image will turn off temporarily

Setting rear view camera activation

The default setting is “Off”.

1. Display the “System” setting screen. Refer to Displaying the “System” setting screen on page 41
2. Touch [Camera settings].
3. Touch [Back Camera Input] to switch “On” or “Off”.

Setting the polarity of the rear view camera

This function is available when “Back Camera Input” is “On”. Refer to Setting rear view camera activation on page 41

1. Display the “System” setting screen. Refer to Displaying the “System” setting screen on page 41
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 demo mode

The default setting is “On”.

1. Display the “System” setting screen. Refer to Displaying the “System” setting screen on page 41
2. Touch [Demo Mode] to switch “On” or “Off”.

Selecting the system language

- If the embedded language and the selected language setting are not the same, text information may not display properly.
 - Some characters may not be displayed properly.
1. Display the “System” setting screen. Refer to Displaying the “System” setting screen on page 41
 2. Touch [System Language].
 3. Touch the language. After the language is selected, the previous screen returns

Setting the keyboard language with the application for iPhone






You can use the keyboard in AppRadioOne by setting the language of the keyboard for iPhone.

- This function is only available in AppRadioOne on the iPhone.
1. Display the “System” setting screen. Refer to Displaying the “System” setting screen on page 41
 2. Touch [Keyboard].
 3. Touch the language. After the language is selected, the previous screen returns.

Adjusting the response positions of the touch panel (touch panel calibration)

If you feel that the touch panel keys on the screen deviate from the actual positions that respond to your touch, adjust the response positions of the touch panel screen.

- This setting is available only when you stop your vehicle in a safe place and apply the parking brake.
 - Do not use sharp pointed tools such as a ballpoint or mechanical pen, which could damage the screen.
 - Do not turn off the engine while saving the adjusted position data.
1. Display the “System” setting screen. Refer to Displaying the “System” setting screen on page 41

2. Touch [Touch panel calibration].
3. Touch [Yes].
4. Touch two corners of the screen along the arrows, and then touch the centers of two + marks at the same time twice.
5. Press . The adjustment results are saved.
6. Press  once again. Proceed to 16-point adjustment.
7. Gently touch the center of the “+” mark displayed on the screen. The target indicates the order.
 - When you press ; the previous adjustment position returns.
 - When you press and hold ; the adjustment is canceled.
8. Press and hold . The adjustment results are saved

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. Refer to Displaying the “System” setting screen on page 41
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”. p 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. Refer to Displaying the “System” setting screen on page 41
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.

Setting the dimmer duration optional

You can adjust the time that the dimmer is turned on or off.


- You can use this function when “Dimmer Trigger” is set to “Time”.
 - 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. Refer to Displaying the “System” setting screen on page 41 2 Touch [Dimmer Settings].
 2. Touch [Dimmer Duration]. The “Duration Setting” screen appears.
 3. Drag the cursors to set the dimmer duration.

◦ You can also set the dimmer duration touching  or . Each touch of  or  moves the cursor backward or forward in the 15 minute width.

- The default setting is 18:00-6:00 (6:00 PM-6:00 AM).
- When the cursors are placed on the same point, the dimmer available time is 0 hours.
- When the cursor for off time setting is placed on the left end and the cursor for on time setting is placed on the right end, the dimmer available time is 0 hours.
- When the cursor for on time setting is placed on the left end and the cursor for off time setting is placed on the right end, the dimmer available time is 24 hours.
- The time display of the dimmer duration adjusting bar is depending on the clock display setting. Refer to Setting the time and date on page 51

Appendix

Problems with the Application screen

1. 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.

2. 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.

3. 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

4. Sound from AppRadioOne of the Android device cannot be heard from the speakers of this unit.

- Depending on the Android device, the sound from AppRadioOne may not be output from the speakers of this unit.
 - Switch to “ Smartphone” in the “AppRadioOne Sound” settings.(Refer to 41)

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

1. 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

1. Error-19

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

2. Skip limit reached.

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

3. Check Device

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

4. 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..

5. 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

6. Cannot play music due to licensing restrictions.

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

Spotify

1. Skip limit reached.

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

2. 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.

SiriusXM® Satellite Radio

1. 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.

2. 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.

3. 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.

4. No Content

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

5. 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.

6. 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.

7. 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.

8. Channel Locked Please Enter the Lock Code

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

9. Artist Unavailable

- The alert memo function is not available.
 - Perform the operation with another channel.

10. Song Unavailable

- The alert memo function is not available.
 - Perform the operation with another channel.

11. Team Unavailable

- The alert memo function is not available.
 - Perform the operation with another channel.

12. Alert Memory Full You can manage alert memory in the alert list

- The memory is full.
 - Clear the alert list.

13. Memory Full

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

14. Memory Nearly Full

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

11. Tune Mix advisory

- 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.

Disc

1. 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.

2. 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.

3. Unplayable Disc

- This type of disc cannot be played on this product.
 - Replace the disc with one that can be played on this product.

4. Unplayable File

- This type of file cannot be played on this product.
 - Select a file that can be played.

5. Skipped

- The inserted disc contains DRM protected files.
 - The protected files are skipped.

6. Protect

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

7. 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.

8. This DivX rental has expired.

- The inserted disc contains expired DivX VOD content.
 - Select a file that can be played.

9. 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

10. 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

11. Video frame rate not supported

- DivX file's frame rate is more than 30 fps.
 - Select a file that can be played.

12. Audio Format not supported

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

USB storage device

1. 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.

2. 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.

3. Skipped

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

4. Protect

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

5. 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.

6. 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.

7. HUB Error

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

8. No Response

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

9. 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 iPhone has short-circuited.
 - Confirm that the USB interface cable for iPhone or USB cable is not caught in something or damaged.

10. Audio Format not supported

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

iPod

1. 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.

2. Error-02-67

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

iTunes tagging

1. Error-8D

- Built-in FLASH ROM encountered an error.
 - Turn the ignition switch to OFF and then to ON.

2. Tag store failed.

- Tag information cannot be stored in this product.
 - Try again.

3. Already stored.

- This tag information is already stored in memory.
 - Tag information can only be saved once for any given song. Tag information cannot be saved for the same song more than once.

4. Memory full. Connect iPod.

- The tag information is successfully stored. The flash memory of this product has become full.
 - The tag information on this product is transferred to the iPod automatically when an iPod is connected.

5. Memory full. Tags not stored. Connect iPod.

- This product's flash memory used as the temporary storage area is full.
 - The tag information on this product is transferred to the iPod automatically when an iPod is connected.

6. iPod full. Tags not transferred.

- Memory used for tag information on the iPod is full.
 - Sync the iPod with iTunes and clean up the tagged playlist.

7. Tag transfer failed. Reconnect your iPod.

- This product's tag information cannot transfer to the iPod.
 - Check the iPod and try again.

Bluetooth

1. 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.

Handling and care of discs

Some basic precautions are necessary when handling your discs.

Built-in drive and care

- Use only conventional, fully circular discs. Do not use shaped discs.
- Do not use cracked, chipped, warped, or otherwise damaged discs as they may damage the built-in drive.
- Use 12-cm discs. Do not use 8-cm discs or an adapter for 8-cm discs.
- When using discs that can be printed on label surfaces, check the instructions and the warnings of the discs. Depending on the discs, inserting and ejecting may not be possible. Using such discs may result in damage to this equipment.
- Do not attach labels, write on or apply chemicals to the surface of the discs.
- Do not attach commercially available labels or other materials to the discs.
- To clean a disc, wipe it with a soft cloth, moving outward from the center.
- Condensation may temporarily impair the built-in drive's performance.
- Playback of discs may not be possible because of disc characteristics, disc format, recorded application, playback environment, storage conditions and so on.

- Road shocks may interrupt disc playback.
- Read the precautions for discs before using them.

Ambient conditions for playing a disc

- At extremely high temperatures, a temperature cutout protects this product by switching it off automatically.
- Despite our careful design of the product, small scratches that do not affect actual operation may appear on the disc surface as a result of mechanical wear, ambient conditions for use or handling of the disc. This is not a sign of the malfunction of this product. Consider it to be normal wear and tear.

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.