



# MAZDA CONNECT

## OWNER'S MANUAL

## A Word to Mazda Owners

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Thank you for choosing a Mazda. We at Mazda design and build vehicles with complete customer satisfaction in mind.

To help ensure enjoyable and trouble-free operation of your Mazda, read this manual carefully and follow its recommendations.

Regular servicing of your vehicle by an expert repairer helps maintain both its roadworthiness and its resale value. A world-wide network of Authorized Mazda Repairers can help you with their professional servicing expertise.

Their specially trained personnel are best qualified to service your Mazda vehicle properly and exactly. Also, they are supported by a wide range of highly specialized tools and equipment specially developed for servicing Mazda vehicles. When maintenance or service is necessary, consult an Authorized Mazda Dealer.

We assure you that all of us at Mazda have an ongoing interest in your motoring pleasure and in your full satisfaction with your Mazda product.

**Mazda Motor Corporation**  
**HIROSHIMA, JAPAN**

<p><b>Please be aware that this manual applies to all models, equipment and options. As a result, you may find some explanations for equipment not installed on your vehicle.</b></p>
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## How to Use This Manual

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We want to help you get the most driving pleasure from your vehicle. Your owner's manual, when read from cover to cover, can do that in many ways.

Illustrations complement the words of the manual to best explain how to enjoy your Mazda. By reading your manual, you can find out about the features, important safety information, and driving under various road conditions.

The symbol below in this manual means “Do not do this” or “Do not let this happen”.



**Index:** A good place to start is the Index, an alphabetical listing of all information in your manual.

You'll find several WARNINGS, CAUTIONS, and NOTES in the manual.



A *WARNING* indicates a situation in which serious injury or death could result if the warning is ignored.



A *CAUTION* indicates a situation in which bodily injury or damage to your vehicle, or both, could result if the caution is ignored.

### **NOTE**

*A NOTE provides information and sometimes suggests how to make better use of your vehicle.*

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# 1 Overview

Mazda Connect overview, what Mazda Connect can do for you

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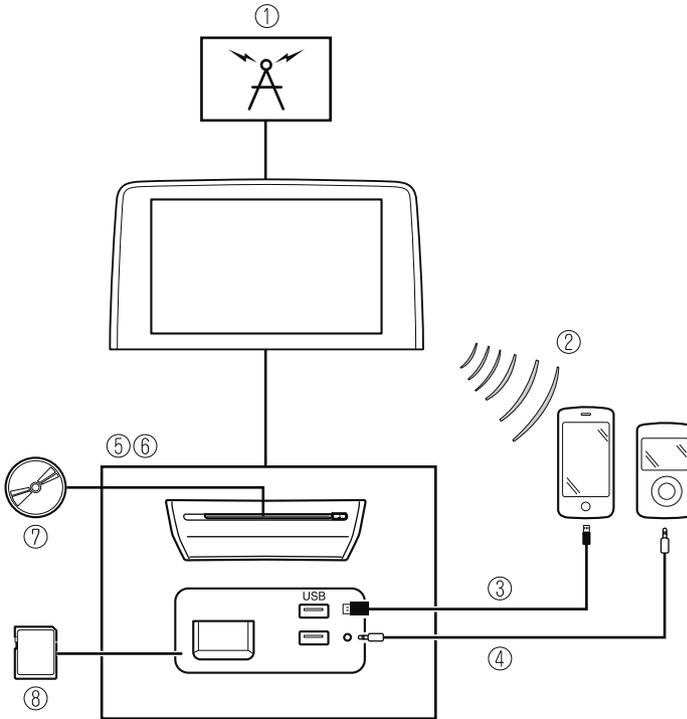
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# What is Mazda Connect ?

## What is Mazda Connect ?

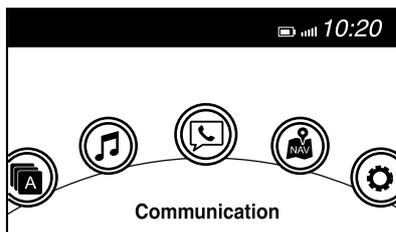


1. Radio
2. Bluetooth® Audio/Hands-Free Call/SMS (Short Message Service)/E-mail
3. USB Audio
4. AUX
5. USB port\*1/Auxiliary jack\*1/SD card slot\*2
6. CD/DVD player\*
7. CD/DVD\*
8. SD card (Navigation system)\*

\*1 The location of the USB slot/auxiliary jack differs depending on the specifications.

## What is Mazda Connect ?

- \*2 The SD card slot is for the navigation system only. For vehicles with the navigation system, the SD card (Mazda genuine) with stored map data is inserted into the SD card slot and used.



Icon	Function
	<p><b>Applications</b> Information such as average fuel economy, maintenance, and warnings can be verified. In addition, SiriusXM®, Apple CarPlay*, and Android™* can be selected. Depending on the grade and specification, the screen display may differ.</p>
	<p><b>Entertainment</b> Operates audio such as the radio and CD/DVD*. The audio source most recently used is displayed. An audio source which cannot be used at that time is skipped and the previous audio source is displayed. To change the audio source, select the  icon displayed at the bottom of the screen.</p>
	<p><b>Communication</b> Bluetooth® related functions are available.</p>
	<p><b>Navigation</b> Navigation screen is displayed (vehicles with navigation system). If the SD card for the navigation system is not inserted, the compass indicating the direction in which the vehicle is moving is displayed. The compass may not indicate the correct bearing when the vehicle is stopped or traveling at a slow speed.</p>
	<p><b>Settings</b> Overall setting menu (Such as display, sound, Bluetooth® and Language). Depending on the grade and specification, the screen display may differ.</p>

## What is Mazda Connect ?

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### **WARNING**

**Always adjust Mazda Connect while the vehicle is stopped:**

*Do not adjust Mazda Connect with the Commander switch while driving the vehicle.*

*Adjusting Mazda Connect with the Commander switch while driving the vehicle is dangerous as it could distract your attention from the vehicle operation which could lead to a serious accident.*

*Even if the audio remote control switches are equipped on the steering wheel, learn to use the switches without looking down at them so that you can keep your maximum attention on the road while driving the vehicle.*

**Do not allow the connection plug cord to get tangled with the shift lever (manual transmission)/selector lever (automatic transmission):**

*Allowing the plug cord to become tangled with the shift lever (manual transmission)/selector lever (automatic transmission) is dangerous as it could interfere with driving, resulting in an accident.*

**Do not adjust a mobile device or a similar product while driving the vehicle:**

*Adjusting a mobile device or a similar product while driving the vehicle is dangerous as it could distract your attention from the vehicle operation which could lead to a serious accident. Always adjust a mobile device or a similar product while the vehicle is stopped.*

### **CAUTION**

*For the purposes of safe driving, adjust the audio volume to a level that allows you to hear sounds outside of the vehicle including car horns and particularly emergency vehicle sirens.*

#### **NOTE**

- Do not use Mazda Connect for a long time with the engine stopped. Otherwise, the battery power could be depleted.*
- If a mobile phone or CB radio is used in or near the vehicle, it could cause noise to occur from the audio system. However, this does not indicate a problem.*

## Basic Operations

**NOTE**

*The explanation of functions described in this manual may differ from the actual operation, and the shapes of screens and buttons and the letters and characters displayed may also differ from the actual appearance.*

*Additionally, depending on future software updates, the content may successively change without notice.*

# Basic Operations

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## Touch panel operation

### CAUTION

*Do not press the screen strongly or press it with a sharp-pointed object. Otherwise, the screen could be damaged.*

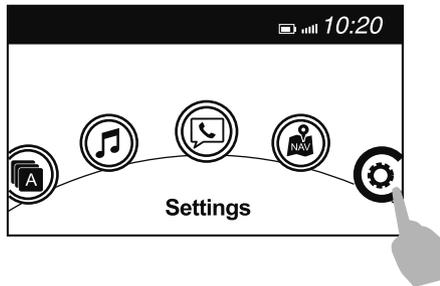
### NOTE

*For safety reasons, operation of the center display is disabled while the vehicle is being driven. However, items not displayed in gray can be operated using the commander switch while the vehicle is being driven.*



### Touch & Tap

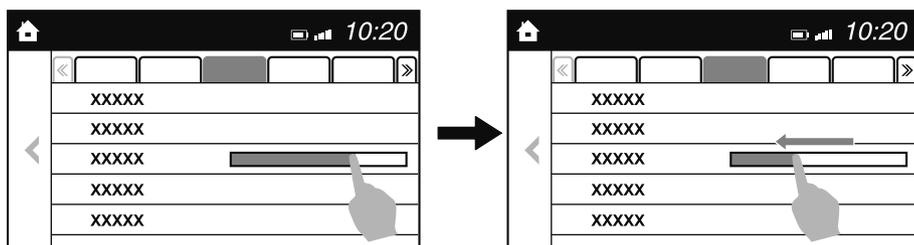
1. Touch or tap on the item indicated on the screen.
2. The operation is launched and the next item is displayed.



# Basic Operations

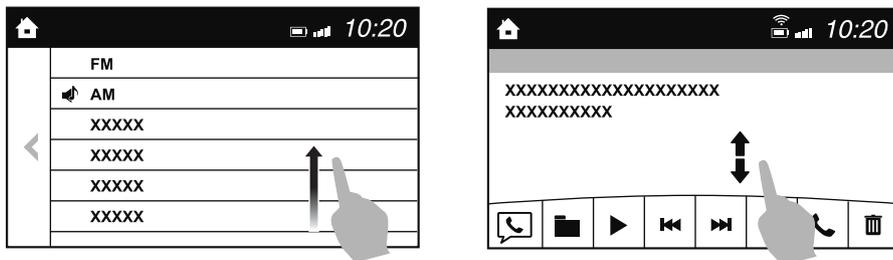
## Slide

1. Touch the setting item displaying a slider bar.
2. Touch the slider with your finger and move to the desired level.



## Swipe

1. Touch the screen with your finger and move up or down.
2. Items which were not displayed can be displayed.



## Return to previous screen

1. Touch the .

## Displaying the home screen

1. Touch the .

# Basic Operations

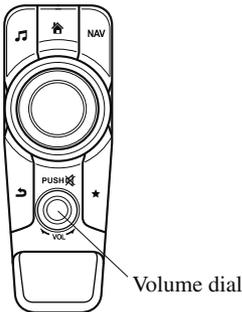
## Commander Switch Operation

**NOTE**

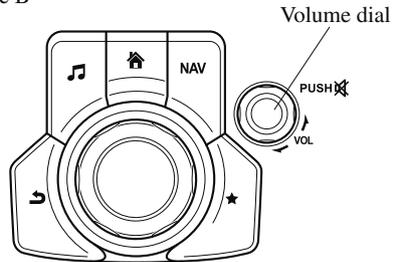
For safety reasons, some operations are disabled while the vehicle is being driven.

**Volume dial operation**

Type A



Type B

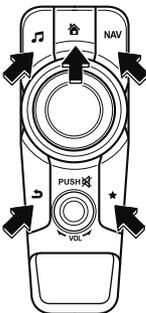


Press the volume dial to mute and pause. However, while an audio source which cannot be paused such as FM radio is playing, only mute is available. Press the volume dial again to resume the audio.

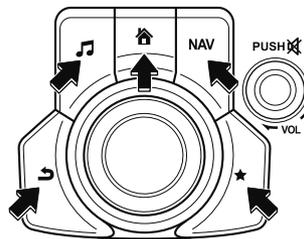
Turn the volume dial to adjust the volume. The volume increases by turning the dial clockwise, and decreases by turning it counterclockwise.

**Switches around commander knob**

Type A



Type B



The following operations can be done by pressing the switches around the commander knob.

**🏠** : Displays the home screen.

**🎵** : Displays the Entertainment screen.

**NAV** : Displays the Navigation screen (Only navigation-equipped vehicles). For operation of the Navigation screen, refer to the navigation system manual. If the SD card for the

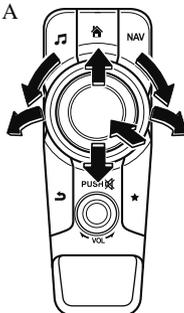
navigation system is not inserted, the compass indicating the direction in which the vehicle is moving is displayed.

★ : Displays the Favorites screen. Long-press to store particular items in Favorites. (Radio, phonebook and destination of the navigation system can be programmed.)

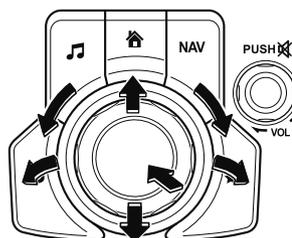
↶ : Returns to previous screen.

## Commander knob operation

Type A



Type B



### (Selection of icons on screen)

1. Tilt or turn the commander knob and move the cursor to the desired icon.
2. Press the commander knob and select the icon.

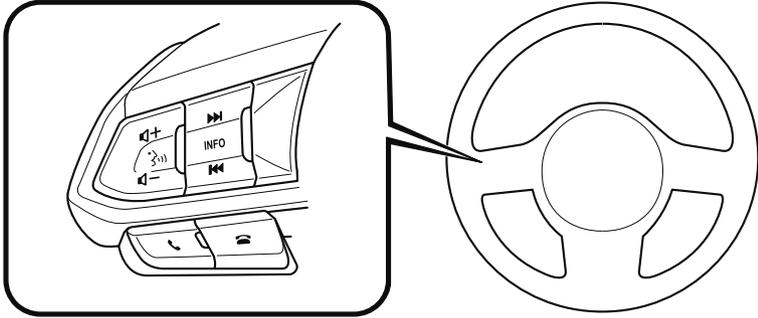
### **NOTE**

*Long-press operation of the commander knob is also possible for some functions.*

# Basic Operations

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## Audio Remote Control Switch Operation



### Adjusting the Volume

To increase the volume, press up the volume switch (+).

To decrease the volume, press down the volume switch (-).



## Seek Switch

### **AM/FM/SiriusXM® radio**

Press the seek switch (⏪, ⏩). The radio switches to the next/previous stored station in the order that it was stored.

Press and hold the seek switch (⏪, ⏩) to seek all usable stations at a higher or lower frequency whether programmed or not.

Radio stations which have been previously stored in favorites can be called up by pressing the seek switch (⏪, ⏩) while any radio station stored in the favorite radio is being received. Radio stations can be called up in the order they were stored with each press of the switch (⏪, ⏩).



### **DAB radio\***

Press the Seek switch (⏪, ⏩) while listening to DAB radio to call up a station previously stored to the favorites list. With each operation of the switch, radio stations can be called up in the order they were stored.

Press and hold the seek switch (⏩) to go to the next station, (⏪) to return to the previous station.

### **USB Audio/Bluetooth® Audio /CD\***

Press the seek switch (⏩) to skip forward to the beginning of the next track.

Press the seek switch (⏪) within a few seconds after playback begins to track down to the beginning of the previous track.

Press the seek switch (⏪) after a few seconds have elapsed to start playback from the beginning of the current track.

Press and hold the seek switch (⏪, ⏩) to continuously switch the tracks up or down.

### **DVD\***

Press the seek switch (⏩) to skip forward to the beginning of the next chapter.

Press the seek switch (⏪) to return to the beginning of the previous chapter.

## Basic Operations

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### **Pandora®/Aha™/Stitcher™ Radio**

Press the seek switch (▶▶) to skip forward to the beginning of the next track.

Press and hold the seek switch (▶▶) to evaluate the playback of the current song as “Like”.

Press and hold the seek switch (◀◀) to evaluate the playback of the current song as “Dislike”.

### **Pick up/hang up the Phone, or Activate Voice Control Using the Switch**

#### **Talk button**

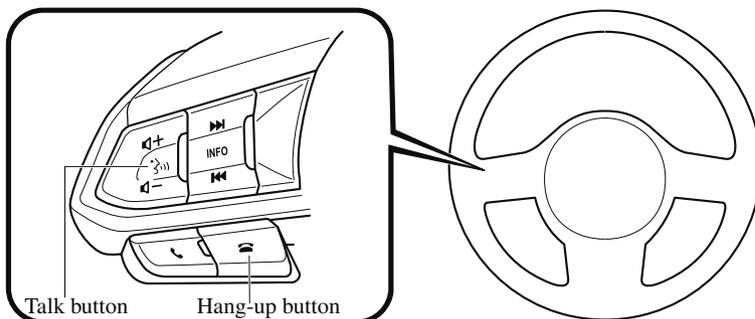
Activates the voice recognition. In addition, it skips the voice guidance.

#### **Pick-up button**

Answers incoming calls. In addition, after selecting a contact or dialing a number, it places the call when the button is pressed.

#### **Hang-up button**

Ends the call or refuses an incoming call. In addition, it ends the voice recognition operation.

**Operation Using Voice Recognition Function****Talk button**

Activates the voice recognition. In addition, it skips the voice guidance.

**Hang-up button**

Ends the voice recognition operation.

**Basic Operation Method****Activating Voice Recognition**

Press the talk button.

**Ending Voice Recognition**

Use one of the following methods:

- Press the hang-up button.
- Say, “Cancel”.
- Operate the commander switch or the center display (only when vehicle is stopped).

**Skipping Voice Guidance (for faster operation)**

Press and release the talk button.

**Troubleshooting for Voice Recognition**

If you do not understand an operation method while in the voice recognition mode, say “Tutorial” or “Help”.

**Commands useable anytime during voice recognition**

“Go Back” and “Cancel” are commands which can be used at anytime during voice recognition.

# Basic Operations

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## Returning to previous operation

To return to the previous operation, say, “Go Back” while in voice recognition mode.

## Cancel

To put the Bluetooth® Hands-Free system in standby mode, say, “Cancel” while in voice recognition mode.

## To prevent a deterioration in the voice recognition rate and voice quality, the following points should be observed:

- **The voice recognition cannot be performed while voice guidance or the beep sound is operating. Wait until the voice guidance or the beep sound is finished before saying a command.**
- Phone related commands are available only when a phone is connected via Bluetooth®. Make sure a phone is connected via Bluetooth® before you operate phone related voice commands.
- Music play commands, such as Play Artist and Play Album can be used only in USB audio mode.
- Do not speak too slowly or loudly (no loud voice).
- Speak clearly, without pausing between words or numbers.
- Dialects or different wording other than hands-free prompts cannot be recognized by voice recognition. Speak in the wording specified by the voice commands.
- It is not necessary to face the microphone or be close to it. Speak the voice commands while maintaining a safe driving position.
- Close the windows and/or the moonroof to reduce loud noises from outside the vehicle, or turn down the airflow of the climate control system while Bluetooth® Hands-Free is being used.
- Make sure the vents are not directing air up towards the microphone.

## Voice Command List

### Voice command

When the talk button is pressed and the following command is spoken, the audio or navigation can be operated. The commands in the () can be omitted. The specified name and number are put into the {}.

### Standard command

Voice command	Function
Help	Usable commands can be verified.
Tutorial	Basic voice commands and methods of use can be verified.
(Navigate/Take me/Drive) Home	Set the destination to Home.

## Communication (phone) related command

Voice command	Function
Call {name in phonebook} (mobile/home/work/other) Example: "Call John Mobile"	Calls to the contact in the downloaded phonebook.
Redial	Calls to the last contact you called.
Callback	Calls to the last contact who called you.

## Entertainment (audio) related command

Voice command	Function	Corresponding audio source
(Go to/Play) Bluetooth (Audio)	Switches the audio source to Bluetooth® audio. Can also switch to each audio source by similarly using commands such as FM, AM, or USB.	All
Play Artist {Artist name}	Plays the selected artist.	USB

## Navigation related command\*

For the navigation screen voice commands, refer to the separate navigation system manual.

### **NOTE**

- Some commands cannot be used depending on the vehicle specifications.
- Some commands cannot be used depending on the device connection conditions and the use conditions.
- The commands indicated in this manual are some examples of usable voice commands.  
Some commands cannot be used depending on the vehicle specifications.

## Basic Operations

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### Appendix

#### **Gracenote® Database**

When a USB device or Bluetooth® device is connected to this unit and the audio is played, the album name, artist name, genre and title information are automatically displayed if there is a match in the vehicle's database compilation to the music being played. The information stored in this device uses database information in the Gracenote® music recognition service.

#### **⚠ CAUTION**

*For information related to the most recent Gracenote® database which can be used and how to install it, go to the Mazda Hands Free Website:  
<http://www.mazdahandsfree.com>*

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## Updating the database

The Gracenote® media database can be updated using USB device.

1. Connect a USB device containing the software for updating Gracenote®.
2. Select the  icon on the home screen to display the Settings screen.
3. Select the **System** tab and select **Music Database Update**.
4. Select **Search**. The list of the update package stored in the USB device and the version are displayed.
5. Select the package to use the update.
6. Select **Install**.

### **NOTE**

*Gracenote® can be downloaded from the Mazda Hands-free Website.*

## SiriusXM® Satellite Radio\*

### **SiriusXM® All Access Subscription**



Hopefully, you're already loving SiriusXM in your new Mazda. But don't stop there — you can also listen on the app and online. All Access is the very best subscription package – with the most channels and the most flexibility. With All Access, you get every channel available on satellite radio, plus you can listen on the app and online — so you can enjoy SiriusXM wherever you are. Here's what's included:

-Over 150 satellite channels to enjoy in your car, coast-to-coast, 24/7.

## Basic Operations

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-All kinds of commercial-free music, plus every major sport, world-class news and the biggest names in talk & entertainment.

-All of our premium programming, including Howard Stern, every NFL, MLB<sup>®</sup>, and NBA game, NHL<sup>®</sup> games, every NASCAR<sup>®</sup> race, 24/7 talk channels dedicated to the biggest leagues, and much more.

All SiriusXM services require a subscription, sold separately or as a package by SiriusXM Radio Inc. (or, in Canada, SiriusXM Canada Inc.), after any trial subscription which may be included with your vehicle purchase or lease. To subscribe after your trial subscription, call 1-877-447-0011 (U.S.A.) or 1-877-438-9677 (Canada).

### CAUTION

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## HD Radio™

### What is HD Radio™ Technology and how does it work?

HD Radio™ Technology is the digital evolution of analog AM/FM radio. Your radio product has a special receiver which allows it to receive digital broadcasts (where available) in addition to the analog broadcasts it already receives. Digital broadcasts have better sound quality than analog broadcasts as digital broadcasts provide free, crystal clear audio. For more information, and a guide to available radio stations and programming, please visit [www.hdradio.com](http://www.hdradio.com).

### Benefits of HD Radio™ Technology

#### (Information)

The song title, artist name, album name and genre will appear on the screen when available by the radio station.

#### (Multicast)

On the FM radio frequency most digital stations have “multiple” or supplemental programs on each FM station.

HD Radio Technology manufactured under license from iBiquity Digital Corporation. U.S. and Foreign Patents. For patents see <http://dts.com/patents>.

## Apple CarPlay™

Apple CarPlay™ allows you to make calls, send or receive messages, and listen to music using your iPhone® with the vehicle's audio system, or search for destinations using the maps. In addition, voice recognition operation is possible using Siri®.

## CAUTION

➤ YOU EXPRESSLY ACKNOWLEDGE AND AGREE THAT USE OF APPLE CARPLAY™ (“THE APPLICATION”) IS AT YOUR SOLE RISK AND THAT THE ENTIRE RISK AS TO SATISFACTORY QUALITY, PERFORMANCE, ACCURACY AND EFFORT IS WITH YOU TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, AND THAT THE APPLICATION AND INFORMATION ON THE APPLICATION IS PROVIDED “AS IS” AND “AS AVAILABLE”, WITH ALL FAULTS AND WITHOUT WARRANTY OF ANY KIND, AND MAZDA HEREBY DISCLAIMS ALL WARRANTIES AND CONDITIONS WITH RESPECT TO THE APPLICATION AND INFORMATION ON THE APPLICATION, EITHER EXPRESS, IMPLIED OR STATUTORY, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES AND/OR CONDITIONS OF MERCHANTABILITY, SATISFACTORY QUALITY, FITNESS FOR A PARTICULAR PURPOSE, ACCURACY, QUIET ENJOYMENT, AND NON-INFRINGEMENT OF THIRD PARTY RIGHTS. AS EXAMPLES, AND WITHOUT LIMITATION, MAZDA DISCLAIMS ANY WARRANTY REGARDING THE ACCURACY OF DATA PROVIDED BY THE APPLICATION, SUCH AS THE ACCURACY OF DIRECTIONS, ESTIMATED TRAVEL TIME, SPEED LIMITS, ROAD CONDITIONS, NEWS, WEATHER, TRAFFIC, OR OTHER CONTENT PROVIDED BY APPLE, ITS AFFILIATES, OR THIRD PARTY PROVIDERS; MAZDA DOES NOT GUARANTEE AGAINST LOSS OF APPLICATION DATA, WHICH MAY BE LOST AT ANY TIME; MAZDA DOES NOT GUARANTEE THAT THE APPLICATION OR ANY SERVICES PROVIDED THROUGH THEM WILL BE PROVIDED AT ALL TIMES OR THAT ANY OR ALL SERVICES WILL BE AVAILABLE AT ANY PARTICULAR TIME OR LOCATION. FOR EXAMPLE, SERVICES MAY BE SUSPENDED OR INTERRUPTED WITHOUT NOTICE FOR REPAIR, MAINTENANCE, SECURITY FIXES, UPDATES, ETC., SERVICES MAY BE UNAVAILABLE IN YOUR AREA OR LOCATION, ETC. IN ADDITION, YOU UNDERSTAND THAT CHANGES IN THIRD PARTY TECHNOLOGY OR GOVERNMENT REGULATION MAY RENDER THE SERVICES AND/OR APPLICATIONS OBSOLETE AND/OR UNUSABLE.

## Basic Operations

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- *When using Apple CarPlay™, please avoid distraction and use Apple CarPlay™ responsibly. Stay fully aware of driving conditions and always obey applicable laws.*

### **NOTE**

- *Apple CarPlay™ is provided by Apple® and its use is subject to your agreement to the Apple CarPlay™ terms of use, which are included as part of the Apple iOS terms of use.*
- *When using Apple CarPlay™, location, speed, and other vehicle data is transferred to your iPhone®. For further details, refer to Apple®'s Privacy Policy.*

### **Android Auto™**

Android Auto™ is an application which allows the operation of an Android™ Smartphone using the vehicle's audio. Android Auto™ functions such as the

phone, messages, music, and map can be used with the vehicle's audio system.

## CAUTION

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- *When using Android Auto™, please avoid distraction and use Android Auto™ responsibly. Stay fully aware of driving conditions and always obey applicable laws.*

### **NOTE**

- *Android Auto™ is provided by Google and its use is subject to your agreement to the Android Auto™ terms of use.*
- *When using Android Auto™, location, speed, and other vehicle data is transferred to your smart phone. For further details, refer to Google’s Privacy Policy.*

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## Basic Operations

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Please note that the use of this accessory with iPhone or iPod may affect wireless performance.

Made for  
iPhone 7 Plus  
iPhone 7  
iPhone SE  
iPhone 6s Plus  
iPhone 6s  
iPhone 6 Plus  
iPhone 6  
iPhone 5s  
iPhone 5c  
iPhone 5  
iPhone 4s  
iPod touch (6th generation)  
iPod touch (5th generation)  
iPod nano (7th generation)



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# MEMO

# 2

## Features

Using vehicle information such as fuel economy and maintenance information

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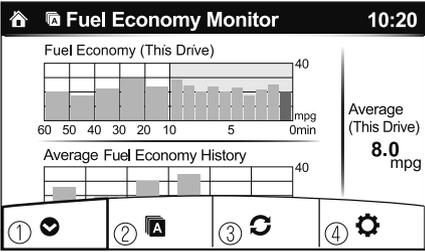
# Applications

## Fuel Economy Monitor

The Fuel Consumption information is displayed by operating each icon in the display. In addition, after completing a trip, the total energy efficiency to date is displayed in the ending display when the ending display is turned on.

The upper limit of the fuel economy monitor differs depending on the vehicle model.

1. Select the  icon on the home screen to display the Applications screen.
2. Select the “Fuel Economy Monitor”.
3. Select the  icon at the bottom left of the screen to display the menu in the lower part of the screen.
4. Select the icon in the menu and perform the operation. Each icon operates as follows:

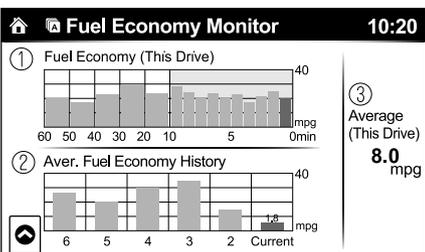
Indication on display	Control status
	<ol style="list-style-type: none"> <li>① Hides the menu display.</li> <li>② Displays the Applications screen.</li> <li>③ Resets the fuel economy data.</li> <li>④ Displays the following setting screen.                             <ul style="list-style-type: none"> <li>• Ending display on/off switching</li> <li>• On/off switching for function which synchronizes (links) reset of fuel economy data with trip meter (TRIP A)*</li> </ul> </li> </ol>

**NOTE**

The fuel economy monitor screen after the ignition is switched from ON to OFF is changed to the original fuel economy monitor screen when the ignition is switched ON the next time.

### Fuel Consumption Display

Information regarding the fuel economy is displayed.

Indication on display	Control status
	<ol style="list-style-type: none"> <li>① Displays the fuel economy for the past 60 minutes.                             <ul style="list-style-type: none"> <li>• Displays the fuel economy every minute for the past 1 to 10 minutes.</li> <li>• Displays the fuel economy every 10 minutes for the past 10 to 60 minutes.</li> </ul> </li> <li>② Displays the average fuel economy over the past 5 resets and after the current reset.</li> <li>③ Calculates the average fuel economy every minute after vehicle travel begins, and displays it.</li> </ol>

**NOTE**

- The fuel economy data is synchronized (linked) with the average fuel economy displayed in the tripmeter (TRIP A).
- To reset the fuel economy data, press the  icon in the menu. (The average fuel economy and TRIP A displayed in the tripmeter (TRIP A) reset at the same time/The average fuel economy displayed in the trip computer resets at the same time.)
- After resetting the fuel economy data, "--" is displayed while the average fuel economy is being calculated.

**Ending Screen Display**

If the ending display on the fuel economy monitor is on when the ignition is switched from ON to OFF, the information regarding the fuel economy is displayed.

**Fuel Economy Data Reset and Trip Meter (TRIP A) Synchronization (Linking)\***

Because the average fuel economy indication on the instrument cluster display is linked with the “Average Fuel Economy History” (Current) indication on the center display, when one is reset the other is also reset.

In addition, switching between reset and no reset of the average fuel economy indication on the instrument cluster display and the “Average Fuel Economy History” (Current) indication on the center display when resetting the trip meter (TRIP A) is possible.

Reset operation item	Synchronized (linked) and reset information		
	Trip meter (TRIP A)	Average fuel economy on instrument cluster display	“Average Fuel Economy History” (Current) indication on the center display
Trip meter (TRIP A)	X	X/—*1	X/—*1
Average fuel economy on instrument cluster display	—	X	X
“Average Fuel Economy History” (Current) indication on the center display	—	X	X

X: Reset

—: Not reset

\*1 Can be personalized.

Refer to Personalization Features on page 2-93.

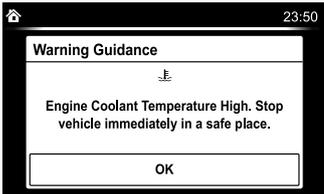
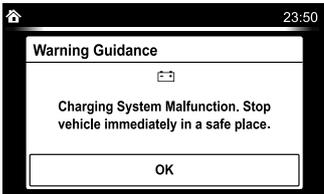
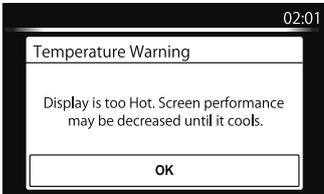
# Applications

## Vehicle Status Monitor

### Warning Guidance

1. Select the  icon on the home screen to display the Applications screen.
2. Select “Vehicle Status Monitor”.
3. Select “Warning Guidance” to display the current warnings.
4. Select the applicable warning to view the warning details.

If the following messages are displayed in the center display , a vehicle system may be malfunctioning. Stop the vehicle in a safe place and contact an Authorized Mazda Dealer.

Display	Indicated Condition
	Displays if the engine coolant temperature has increased excessively.
	Displays if the charging system has a malfunction.
	The following message is displayed when the temperature around the center display is high. Lowering the temperature in the cabin or the temperature around the center display by avoiding direct sunlight is recommended.

### Maintenance

1. Select the  icon on the home screen to display the Applications screen.
2. Select “Vehicle Status Monitor”.
3. Select “Maintenance” to display the maintenance list screen.
4. Switch the tab and select the setting item you want to change.

You can customize settings in the setup display as follows:

**U.S.A. and Puerto Rico**

<b>Tab</b>	<b>Item</b>	<b>Explanation</b>
Scheduled	Setting	Notification can be switched on/off.
	Time (months)	Displays the time or distance until maintenance is due. Select this item to set the maintenance period.
	Distance (mile or km)	The wrench indication/indicator light in the instrument cluster will be illuminated when the remaining distance is less than 1,000 km or 600 mile, or the remaining number of days is less than 15 (whichever comes first).
	Reset	Resets the time and distance to the initial values. Once the system turns on, it needs to be reset whenever carrying out maintenance.
Tire Rotation	Setting	Notification can be switched on/off.
	Distance (mile or km)	Displays the distance until tire rotation is due. Select this item to set the tire rotation distance. The wrench indication/indicator light in the instrument cluster will be illuminated when the remaining distance is less than 1,000 km or 600 mile.
	Reset	Resets the remaining distance to the initial value. Once the system turns on, it needs to be reset whenever rotating the tires.
Oil Change	Setting Interval	Oil replacement period can be selected from the flexible setting or fixed setting. Once engine oil flexible maintenance is selected, the vehicle calculates the remaining oil life based on the engine operating conditions. The vehicle lets you know when an oil change is due by illuminating the wrench indication/indicator light in the instrument cluster.
	Distance (mile or km) (Displays only in fixed setting)	Displays the distance until the oil replacement is due. Select this item to set the oil replacement distance. The wrench indication/indicator light in the instrument cluster will be illuminated when the remaining distance is less than 1,000 km or 600 mile.
	Distance (mile or km) (Displays only in flexible setting)	Displays the distance until the oil replacement is due. The wrench indication/indicator light in the instrument cluster will be illuminated when the remaining distance is less than 1,000 km or 600 mile.
	Reset	Resets the remaining distance to the initial value. Once the system turns on, it needs to be reset whenever replacing the engine oil.

# Applications

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## Canada and Mexico

Tab	Item	Explanation
Scheduled	Setting	Notification can be switched on/off.
	Time (months)	Displays the time or distance until maintenance is due. Select this item to set the maintenance period.
	Distance (km or mile)	The wrench indication/indicator light in the instrument cluster will be illuminated when the remaining distance is less than 1,000 km or 600 mile, or the remaining number of days is less than 15 (whichever comes first).
	Reset	Resets the time and distance to the initial values. Once the system turns on, it needs to be reset whenever carrying out maintenance.
Tire Rotation	Setting	Notification can be switched on/off.
	Distance (km or mile)	Displays the distance until tire rotation is due. Select this item to set the tire rotation distance. The wrench indication/indicator light in the instrument cluster will be illuminated when the remaining distance is less than 1,000 km or 600 mile.
	Reset	Resets the remaining distance to the initial value. Once the system turns on, it needs to be reset whenever rotating the tires.
Oil Change	Setting Interval	Oil replacement period can be selected from the fixed setting. The vehicle lets you know when an oil change is due by illuminating the wrench indicator light in the instrument cluster.
	Distance (km or mile)	Displays the distance until the oil replacement is due. Select this item to set the oil replacement distance. The wrench indication/indicator light in the instrument cluster will be illuminated when the remaining distance is less than 1,000 km or 600 mile.
	Reset	Resets the remaining distance to the initial value. Once the system turns on, it needs to be reset whenever replacing the engine oil.

**European models**

Tab	Item	Explanation
Scheduled	Setting	Notification can be switched on/off.
	Time (months)	Displays the time or distance until maintenance is due. Select this item to set the maintenance period.
	Distance (km or mile)	The wrench indication/indicator light in the instrument cluster will be illuminated when the remaining distance is less than 1,000 km or 600 mile, or the remaining number of days is less than 15 (whichever comes first).
	Reset	Resets the time and distance to the initial values. Once the system turns on, it needs to be reset whenever carrying out maintenance.
Tire Rotation	Setting	Notification can be switched on/off.
	Distance (km or mile)	Displays the distance until tire rotation is due. Select this item to set the tire rotation distance. The wrench indication/indicator light in the instrument cluster will be illuminated when the remaining distance is less than 1,000 km or 600 mile.
	Reset	Resets the remaining distance to the initial value. Once the system turns on, it needs to be reset whenever rotating the tires.
Oil Change	Setting* <sup>1</sup>	Notification can be switched on/off.
	Distance (km or mile)	Displays the distance until the oil replacement is due. Select this item to set the oil replacement distance. The wrench indication/indicator light in the instrument cluster will be illuminated when the remaining distance is less than 1,000 km or 600 mile.
	Reset* <sup>2</sup>	Resets the remaining distance to the initial value. Once the system turns on, it needs to be reset whenever replacing the engine oil.

\*1 The engine oil flexible maintenance setting is available (only some models). Consult an Authorized Mazda Dealer for details.  
When the engine oil flexible maintenance setting is selected, you will see the following items in the display. The vehicle calculates the remaining oil life based on the engine operating conditions and lets you know when an oil change is due by illuminating the wrench indicator light in the instrument cluster.

# Applications

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\*2 Whenever the engine oil is replaced, the vehicle engine control unit reset is necessary for SKYACTIV-G and SKYACTIV-D.

Tab	Item	Explanation
Oil Change	Oil life (%)	Displays the engine oil life until the oil replacement is due. The wrench indication/indicator light in the instrument cluster will be illuminated when remaining oil life distance is less than 1,000 km (600 mile), or remaining days are less than 15 (whichever comes first).
	Reset	Resets the remaining oil life to 100 %. The system must be reset whenever replacing the engine oil.

## SiriusXM Travel Link®

Properly equipped Mazda vehicles will also get the following SiriusXM infotainment services : Traffic, Weather, Sports Scores, Fuel Prices, and more. For a list of available features in your vehicle, visit [SiriusXM.com/infotainment](http://SiriusXM.com/infotainment) and get the most out of your driving experience.

### Switching to SiriusXM Travel Link®

1. Select  on the home screen to display the Applications screen.
2. Select [SiriusXM Travel Link](#).
3. Select the item you want to display.

#### **NOTE**

*Some items cannot be selected while you are driving the vehicle.*

Item	Function
Traffic Plus* <sup>1</sup>	Displays continuously updated traffic information on the navigation screen in real time.
Weather Forecast	Displays the weather forecast.
Weather Radar* <sup>1</sup>	Displays items such as weather radar, severe storms, and hurricane/tropical storm information on the navigation screen.
Weather Alerts	Displays weather information, warnings, and security alerts.
Fuel Prices	Displays information for fuel stations near your vehicle's current position.
Parking	Displays information for parking areas near your vehicle's current position.
Sports	Displays a list of each genre list and the game schedules and match results for teams selected from the list.
Subscription Information*	Displays the subscription status for the above items.

\*<sup>1</sup> With Car navigation system

## Applications

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### Apple CarPlay™\*

#### Switching to Apple CarPlay™

##### **If Apple CarPlay™ does not support wireless connection\***

Connect the iPhone® by inserting the Apple®-genuine connector cord to the USB port

indicated by the  mark.

Refer to USB on page 2-50.

#### **NOTE**

- When you switch your iPhone® connection from Bluetooth® to the vehicle's USB port, the system switches to Apple CarPlay™. The applications which were being used via Bluetooth® connection can be used continuously. However, the available functions of the applications using Bluetooth® connection and those on Apple CarPlay™ may differ.
- If the iPhone® is connected to the USB port not indicated by the  mark, the system operates in USB mode.

##### **If Apple CarPlay™ supports wireless connection\***

#### **(USB connection)**

Connect the iPhone® by inserting the Apple®-genuine connector cord to the USB port

indicated by the  mark.

Refer to USB on page 2-50.

#### **NOTE**

- When you switch your iPhone® connection from Bluetooth® to the vehicle's USB port, the system switches to Apple CarPlay™. The applications which were being used via Bluetooth® connection can be used continuously. However, the available functions of the applications using Bluetooth® connection and those on Apple CarPlay™ may differ.
- If the iPhone® is connected to the USB port not indicated by the  mark, the system operates in USB mode.
- Depending on the iPhone® connection status, a wireless connection may be made. If Apple CarPlay™ is used with only a USB connection, turn off the audio unit Wi-Fi™ or the Apple CarPlay™ setting for an iPhone® wireless connection.

#### **(Wireless connection)**

Wireless access to Apple CarPlay™ is available by connecting your iPhone® with Mazda

Connect using Bluetooth® and Wi-Fi™.

#### **NOTE**

- There is no difference in the functions of Apple CarPlay™ when using the wireless connection and the USB connection.

- If the iPhone® is connected to the USB port while using the wireless connection, the iPhone® battery is charged.

### Registering a device

You can register a device using either of the following methods.

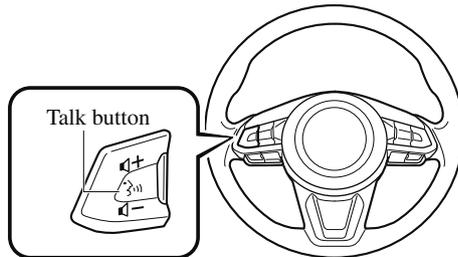
- Press and hold the talk button
- Operate the audio unit

### NOTE

- If Apple CarPlay™ is not selected as the Wi-Fi™ mode, a dialog which prompts you to enable Apple CarPlay™ mode is displayed. Select **OK**.
- If the Bluetooth® is off, a dialog which prompts you to turn it on is displayed. Select **OK**.
- Up to 7 Bluetooth® supported devices can be registered. If you try to register more than 7 devices, the device with the oldest registration record is deleted.

### (Registration using the talk button)

1. Press and hold the talk button for about 4 seconds.



2. Register the iPhone® to the Bluetooth® unit.
3. Permit connection to Apple CarPlay™.
4. You can confirm the iPhone® on the Apple CarPlay™ device list.

### (Registration using the audio unit)

1. Select the **Ⓜ** icon on the home screen to display the Applications screen.
2. Select **Apple CarPlay**.
3. Select **Add New Device**.
4. Register the iPhone® to the Bluetooth® unit.
5. Permit connection to Apple CarPlay™.
6. You can confirm the iPhone® on the Apple CarPlay™ device list.

### Selecting a device

1. Select the **Ⓜ** icon on the home screen to display the Applications screen.
2. Select **Apple CarPlay**.
3. Select the name of the iPhone® you want to connect.
4. (If **Enable Apple CarPlay** is disabled) Enable **Enable Apple CarPlay**.

# Applications

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5. Select **Connect**.
6. Select **Show Apple CarPlay** on the Apple CarPlay™ screen.

## Deleting a device

1. Select the  icon on the home screen to display the Applications screen.
2. Select **Apple CarPlay**.
3. Select the name of the iPhone® to be deleted.
4. Select **Delete This Device**.

## NOTE

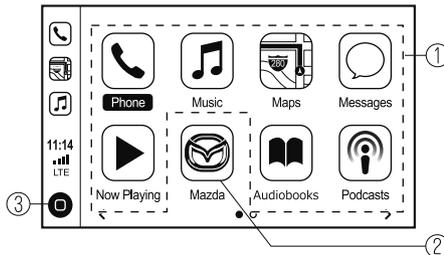
- If an iPhone® is deleted from the Apple CarPlay™ device list, it is also deleted from the registered Bluetooth® devices. Similarly, if an iPhone® is deleted from the registered Bluetooth® devices, it is also deleted from the Apple CarPlay™ device list.
- If you delete an iPhone® from the Apple CarPlay™ device list or the registered Bluetooth® devices, delete the device "Mazda" from the Apple CarPlay™ setting and Bluetooth® setting on the iPhone®.

## Display of Apple CarPlay™ Screen

Use any of the following methods to display the Apple CarPlay™ screen on the center display.

- Select  on the home screen.
- Long press  on the commander switch.
- Select  on the home screen, and select **Apple CarPlay** from the Applications screen. If Apple CarPlay™ supports the wireless connection, select **Show Apple CarPlay** on the Apple CarPlay™ screen.

Apple CarPlay™ screen.\*



## NOTE

The icons and icon positions displayed on the Apple CarPlay™ screen may differ depending on the connected iPhone® and iOS version.

No.	Icon	Explanation
①	Icon for connected iPhone®	Launches the Apple CarPlay™ application. Refer to the help information available with each application for the method of using each application.
②		Switches to the Mazda Connect home screen.
③		Displays the Apple CarPlay™ screen.

### Convenient Ways to Use Apple CarPlay™

Item	Operation method
Activating the voice recognition function (Siri®)*1	<p>Activate Siri® using any of the following two methods to operate Apple CarPlay™ by voice.</p> <ul style="list-style-type: none"> <li>• Press the talk button on the audio control switch.</li> <li>• Press and hold .</li> </ul>
To display the NowPlaying screen	When music is playing in Apple CarPlay™ and a screen other than the NowPlaying screen is being displayed, press  on the commander switch to display the NowPlaying screen.
To display the MAP screen	When using map route guidance in Apple CarPlay™ and a screen other than the MAP screen is being displayed, press <b>NAV</b> on the commander switch to display the MAP screen.
To return to Mazda Connect screen	Press and hold  on the commander switch.

\*1 The voice recognition function of Mazda Connect cannot be used while Apple CarPlay™ is connected.

### To End Apple CarPlay™

#### If Apple CarPlay™ does not support wireless connection\*

To end Apple CarPlay™, disconnect the Apple®-genuine connector cord from the USB port and disconnect the iPhone® from the connector cord.

#### NOTE

*If the connector cord is disconnected from the USB port during music playback using Apple CarPlay™, the audio source selection will no longer be available and the vehicle's audio device will be muted.*

#### If Apple CarPlay™ supports wireless connection\* (USB connection)

To end Apple CarPlay™, disconnect the Apple®-genuine connector cord from the USB port and disconnect the iPhone® from the connector cord.

# Applications

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## NOTE

If the connector cord is disconnected from the USB port during music playback using Apple CarPlay™, the audio source selection will no longer be available and the vehicle's audio device will be muted.

### (Wireless connection)

1. Select the  icon on the home screen to display the Applications screen.
2. Select **Apple CarPlay**.
3. Select the name of the iPhone® currently connected.
4. Disable **Enable Apple CarPlay**.

## NOTE

- When connecting the device the next time, enable **Enable Apple CarPlay** to enable the connection.
- Apple CarPlay™ can also be disabled using the following methods.

### (Operate the audio unit)

1. Select the  icon on the home screen to display the setting screen.
2. Select **Devices**.
3. Select **Wi-Fi**.
4. Turn off Wi-Fi™.

### (Operation using iPhone®)

The following two operation methods are available.

- Select the Settings menu > Bluetooth > MY DEVICES "Mazda", and turn Apple CarPlay™ off.
- Select the Settings menu > General > Apple CarPlay > MY DEVICES "Mazda", and turn Apple CarPlay™ off.

# Android Auto™\*

**How to use the Android Auto™ mode**

Insert an Android™ Smartphone-genuine connector cord into the USB port indicated by the  mark to connect the Smartphone.  
Refer to USB on page 2-50.

**NOTE**

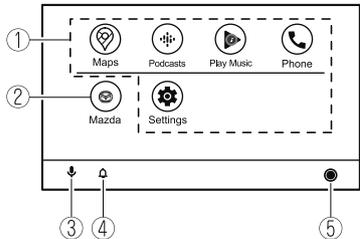
- When an Android™ Smartphone connected to Bluetooth® is connected to the vehicle's USB port, Bluetooth® is used by Android Auto™ and the system switches to Android Auto™ mode.
- If the Android™ Smartphone is connected to a USB port with no  mark indicated, the system operates in USB mode.

**Display of Android Auto™ Mode Screen**

Use any of the following methods to display the Android Auto™ mode screen in the center display.

- Select  on the home screen, and select **Android Auto** from the Applications screen.
- Select  on the home screen.
- Press and hold  on the commander switch.

Android Auto™ mode home screen



**NOTE**

The media displayed on the Android Auto™ home screen may differ depending on the use conditions and version of the connected Android™ Smartphone.

No.	Icon	Explanation
①	—	Displays the information for each application. The displayed contents differ depending on the application that has been activated and its status.
②		Returns to the Mazda Connect screen.

\*Some models.

## Applications

No.	Icon	Explanation
③		Activates the voice recognition for Android Auto™.
④		Displays notifications from the Android™ Smartphone.
⑤		Displays the Android Auto™ home screen.

### Convenient ways to use Android Auto™ mode

Item	Operation method
Operation using voice recognition*1	Any of the following methods can be used to start the voice recognition mode and operate Android Auto™ by voice. <ul style="list-style-type: none"> <li>• Speak the words, “OK Google”.</li> <li>• Select the  icon on the Android Auto™ screen.</li> <li>• Press the talk button on the audio remote control switch.</li> </ul>
To display the NowPlaying screen	When music is playing in Android Auto™ and a screen other than the NowPlaying screen is being displayed, press  on the commander switch to display the NowPlaying screen.
To display the MAP screen	When using map route guidance in Android Auto™ and a screen other than the MAP screen is being displayed, press <b>NAV</b> on the commander switch to display the Android Auto™ MAP screen.
To return to the Mazda Connect screen	Press and hold  on the commander switch.

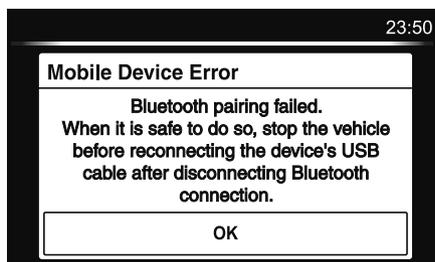
\*1 The voice recognition function of Mazda Connect cannot be used while Android Auto™ is connected.

### To end Android Auto™

To end the Android Auto™ mode, disconnect the Android™-genuine connector cord from the USB port or disconnect the Android™ Smartphone from the connector cord.

**(If Android Auto™ cannot be connected)**

When the message, “Mobile Device Error”, is displayed and Android Auto™ cannot be connected



Make sure that the Android™ Smartphone in question is compatible with Android Auto™. Before trying to reconnect your Android™ Smartphone to the connector cord, do the Bluetooth® device pairing again.

**(If Android Auto™ cannot launch)**

Some Android™ Smartphones are connected in charging only mode when connected with the connector cord.

In this case, it may not be possible to use Android Auto™, therefore, change the USB setting for the Smartphone from charging only mode to transmission enabled mode. Additionally, if Apple CarPlay™ is being used, disconnect Apple CarPlay™ because Android Auto™ may also be unusable.

If Android Auto™ still cannot launch, switch off the Android Auto™ connection setting once, and then switch it back on while connected in transmission enabled mode.

The Android Auto™ connection setting can be changed in the **Devices** tab on the Settings screen (page 2-93).

## Entertainment

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### Entertainment

#### Things You Need to Know

#### WARNING

***Always adjust the audio while the vehicle is stopped:***

*Do not adjust the audio control switches while driving the vehicle. Adjusting the audio while driving the vehicle is dangerous as it could distract your attention from the vehicle operation which could lead to a serious accident.*

*Even if the audio control switches are equipped on the steering wheel, learn to use the switches without looking down at them so that you can keep your maximum attention on the road while driving the vehicle.*

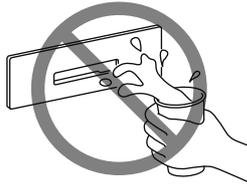
#### CAUTION

*For the purposes of safe driving, adjust the audio volume to a level that allows you to hear sounds outside of the vehicle including car horns and particularly emergency vehicle sirens.*

#### NOTE

- To prevent the battery from being discharged, do not leave the audio system on for a long period of time when the engine is not running.*
- If a cellular phone or CB radio is used in or near the vehicle, it could cause noise to occur from the audio system, however, this does not indicate that the system has been damaged.*

Do not spill any liquid on the audio system.



Do not insert any objects, other than CDs, into the slot.\*



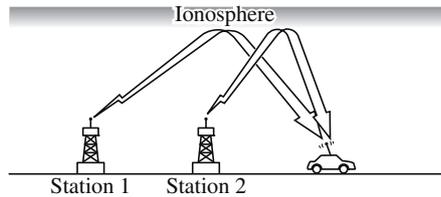
## **Radio Reception**

### **AM characteristics**

AM signals bend around such things as buildings or mountains and bounce off the ionosphere.

Therefore, they can reach longer distances than FM signals.

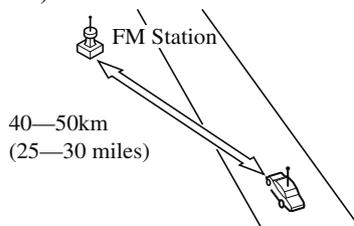
Because of this, 2 stations may sometimes be picked up on the same frequency at the same time.



### **FM characteristics**

An FM broadcast range is usually about 40—50 km (25—30 miles) from the source.

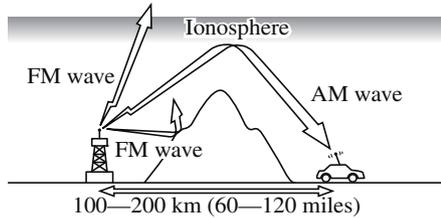
Because of extra coding needed to break the sound into 2 channels, stereo FM has even less range than monaural (non-stereo) FM.



# Entertainment

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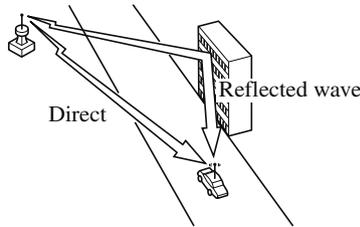
Signals from an FM transmitter are similar to beams of light because they do not bend around corners, but they do reflect. Unlike AM signals, FM signals cannot travel beyond the horizon. Therefore, FM stations cannot be received at the great distances possible with AM reception.



Atmospheric conditions can also affect FM reception. High humidity will cause poor reception. However, cloudy days may provide better reception than clear days.

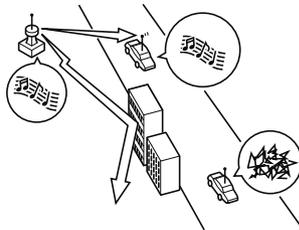
### (Multipath noise)

Since FM signals can be reflected by obstructions, it is possible to receive both the direct signal and the reflected signal at the same time. This causes a slight delay in reception and may be heard as a broken sound or a distortion. This problem may also be encountered when in close proximity to the transmitter.



### (Flutter/Skip noise)

Signals from an FM transmitter move in straight lines and become weak in valleys between tall buildings, mountains, and other obstacles. When a vehicle passes through such an area, the reception conditions may change suddenly, resulting in annoying noise.

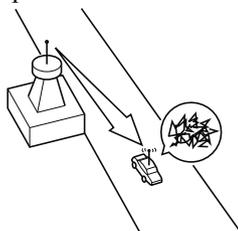


**(Weak signal noise)**

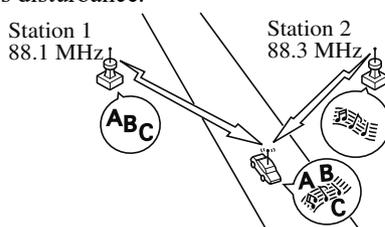
In suburban areas, broadcast signals become weak because of distance from the transmitter. Reception in such fringe areas is characterized by sound breakup.

**(Strong signal noise)**

This occurs very close to a transmitter tower. The broadcast signals are extremely strong, so the result is noise and sound breakup at the radio receiver.

**(Station drift noise)**

When a vehicle reaches the area of 2 strong stations broadcasting at similar frequencies, the original station may be temporarily lost and the second station picked up. At this time there will be some noise from this disturbance.

**Condensation phenomenon\***

Immediately after turning on the heater when the vehicle is cold, the CD or optical components (prism and lens) in the CD player may become clouded with condensation. At this time, the CD will eject immediately when placed in the unit. A clouded CD can be corrected simply by wiping it with a soft cloth. Clouded optical components will clear naturally in about an hour. Wait for normal operation to return before attempting to use the unit.

# Entertainment

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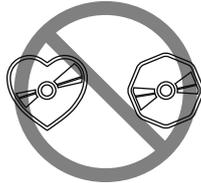
## Handling the CD player\*

The following precautions should be observed.

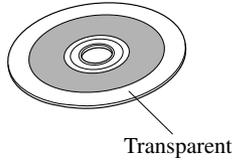
- Do not use deformed or cracked CDs. The disc may not eject resulting in a malfunction.



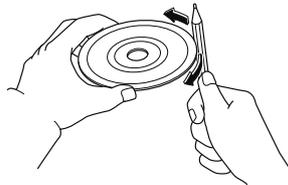
- Do not use non-conventional discs such as heart-shaped, octagonal discs, etc. The disc may not eject resulting in a malfunction.



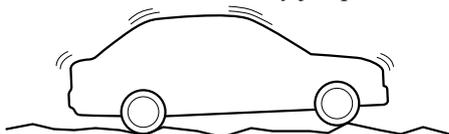
- If the memory portion of the CD is transparent or translucent, do not use the disc.



- A new CD may have rough edges on its inner and outer perimeters. If a disc with rough edges is used, proper setting will not be possible and the CD player will not play the CD. In addition, the disc may not eject resulting in a malfunction. Remove the rough edges in advance by using a ball-point pen or pencil as shown in the following figure. To remove the rough edges, rub the side of the pen or pencil against the inner and outer perimeter of the CD.



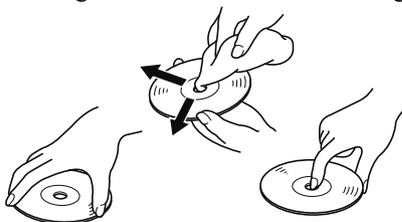
- When driving over uneven surfaces, the sound may jump.



- CDs bearing the logo shown in the illustration can be played. No other discs can be played.



- Use discs that have been legitimately produced. If illegally-copied discs such as pirated discs are used, the system may not operate properly.
- Be sure never to touch the signal surface when handling the CDs. Pick up a CD by grasping the outer edge or the edge of the hole and the outer edge.



- Do not stick paper or tape on the CD. Avoid scratching the reverse side (the side without a label). The disc may not eject resulting in a malfunction.
- Dust, finger smudges, and dirt can decrease the amount of light reflected from the signal surface, thus affecting sound quality. If the CD should become soiled, gently wipe it with a soft cloth from the center of the CD to the edge.
- Do not use record sprays, antistatic agents, or household spray cleaners. Volatile chemicals such as benzine and thinner can also damage the surface of the CD and must not be used. Anything that can damage, warp, or fog plastic should never be used to clean CDs.
- The CD player ejects the CD if the CD is inserted upside down. Also dirty and/or defective CDs may be ejected.
- Do not insert cleaning discs in the CD player.
- Do not insert any disc with a peel-off seal affixed to it.
- This unit may not be able to play certain CD-R/CD-RWs made using a computer or music CD recorder due to disc characteristics, scratches, smudges, dirt, etc., or due to dust or condensation on the lens inside the unit.

## Entertainment

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- Storing CDs in the vehicle exposed to direct sunlight or high temperature may damage the CD-R/CD-RWs, and make them unplayable.
- CD-R/CD-RW exceeding 700 MB cannot be played.
- This unit may not be able to play certain discs made using a computer due to the application (writing software) setting used. (For details, consult the store where the application was purchased.)
- It is possible that certain text data, such as titles, recorded on a CD-R/CD-RW may not be displayed when musical data (CD-DA) is playing.
- The period from when a CD-RW is inserted to when it begins playing is longer than a normal CD or CD-R.
- Completely read the instruction manual and cautions for CD-R/CD-RWs.
- Do not use discs with cellophane tape adhering, partially peeled off labels, or adhesive material exuding from the edges of the CD label. Also, do not use discs with a commercially-available CD-R label affixed. The disc may not eject resulting in a malfunction.

### Operating Tips for MP3

MP3 stands for MPEG Audio Layer 3, which is standardized voice compression established by the ISO\*<sup>1</sup> working group (MPEG).

Use of MP3 allows for audio data to be compressed to approximately a tenth of the source data size.

This unit plays files with the extension (.mp3) as MP3 files.

\*<sup>1</sup> International Organization for Standardization



*Do not use an audio file extension on files other than audio files. In addition, do not change the audio file extension. Otherwise, the unit will not recognize the file correctly resulting in noise or a malfunction.*

### **NOTE**

*Supply of this product only conveys a license for private, non-commercial use and does not convey a license nor imply any right to use this product in any commercial (i.e. revenue-generating) real time broadcasting (terrestrial, satellite, cable and/or any other media), broadcasting/streaming via the Internet, intranets and/or other networks or in other electronic content distribution systems, such as pay-audio or audio-on-demand applications. An independent license for such use is required. For details, please visit <http://www.mp3licensing.com>.*

- This audio system handles MP3 files that have been recorded on CD-R/CD-RW/CD-ROMs.\*

- When naming an MP3 file, be sure to add an MP3 file extension (.mp3) after the file name.
- The number of characters which can be displayed is restricted.

### **Operating Tips for WMA**

WMA is short for Windows Media\*<sup>1</sup> Audio and is the audio compression format used by Microsoft\*<sup>1</sup>.

Audio data can be created and stored at a higher compression ratio than MP3.

This unit plays files with the extension (.wma) as WMA files.

\*<sup>1</sup> Windows Media and Microsoft are registered trademarks of Microsoft Corporation U.S. in the United States and other countries.

#### **CAUTION**

*Do not use an audio file extension on files other than audio files. In addition, do not change the audio file extension. Otherwise, the unit will not recognize the file correctly resulting in noise or a malfunction.*

- WMA files written under specifications other than the indicated specification may not play normally or files or folder names may not display correctly.
- The file extension may not be provided depending on the computer operating system, version, software, or settings. In this case, add the file extension “.wma” to the end of the file name, and then write it to the disc/memory\*.

### **Operating Tips for AAC**

AAC stands for Advanced Audio Coding, which is standardized voice compression established by the ISO\*<sup>1</sup> working group (MPEG). Audio data can be created and stored at a higher compression ratio than MP3.

This unit plays files with the extensions (.aac/.m4a/.wav) as the AAC files.

#### **CAUTION**

*Do not use an audio file extension on files other than audio files. In addition, do not change the audio file extension. Otherwise, the unit will not recognize the file correctly resulting in noise or a malfunction.*

- AAC files written under specifications other than the indicated specification may not play normally or files or folder names may not display correctly.

## Entertainment

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- The file extension may not be provided depending on the computer operating system, version, software, or settings. In this case, add the file extension “.aac”, “.m4a”, or “.wav” to the end of the file name, and then write it to the disc\*/memory.

\*1 International Organization for Standardization

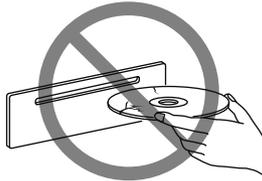
### Condensation phenomenon\*

Immediately after turning on the heater when the vehicle is cold, the DVD or optical components (prism and lens) in the DVD player may become clouded with condensation. At this time, the DVD will eject immediately when placed in the unit. A clouded DVD can be corrected simply by wiping it with a soft cloth. Clouded optical components will clear naturally in about an hour. Wait for normal operation to return before attempting to use the unit.

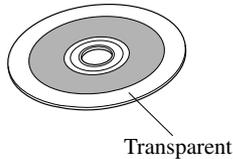
### Handling the DVD player\*

The following precautions should be observed.

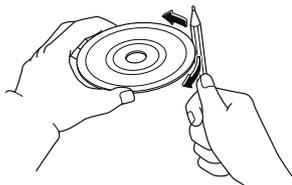
- Do not use deformed or cracked DVDs. The disc may not eject resulting in a malfunction.



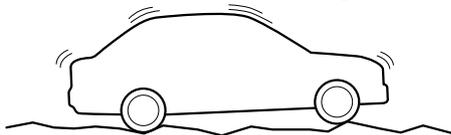
- Do not use non-conventional discs such as heart-shaped, etc. The disc may not eject resulting in a malfunction.
- If the memory portion of the DVD is transparent or translucent, do not use the disc.



- A new DVD may have rough edges on its inner and outer perimeters. If a disc with rough edges is used, proper setting will not be possible and the DVD player will not play the DVD. In addition, the disc may not eject resulting in a malfunction. Remove the rough edges in advance by using a ball-point pen or pencil as shown in the following figure. To remove the rough edges, rub the side of the pen or pencil against the inner and outer perimeter of the DVD.



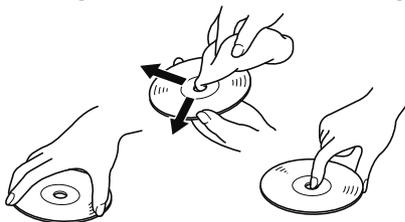
- When driving over uneven surfaces, the sound may jump.



- DVDs bearing the logo shown in the illustration or DVD-R/DVD+R/DVD-RW/DVD+RW written with video data (DVD-Video/DVD-VR file) can be played.



- Use discs that have been legitimately produced. If illegally-copied discs such as pirated discs are used, the system may not operate properly.
- Be sure never to touch the signal surface when handling the DVDs. Pick up a DVD by grasping the outer edge or the edge of the hole and the outer edge.



- Do not stick paper or tape on the DVD. Avoid scratching the reverse side (the side without a label). The disc may not eject resulting in a malfunction.
- Dust, finger smudges, and dirt can decrease the amount of light reflected from the signal surface, thus affecting sound quality. If the DVD should become soiled, gently wipe it with a soft cloth from the center of the DVD to the edge.

## Entertainment

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- Do not use record sprays, antistatic agents, or household spray cleaners. Volatile chemicals such as benzine and thinner can also damage the surface of the DVD and must not be used. Anything that can damage, warp, or fog plastic should never be used to clean DVDs.
- The DVD player ejects the DVD if the DVD is inserted upside down. Also dirty and/or defective DVDs may be ejected.
- Do not insert cleaning discs in the DVD player.
- Do not insert any disc with a peel-off seal affixed to it.
- This unit may not be able to play certain DVD-R/DVD+R/DVD-RW/DVD+RWs made using a computer or DVD recorder due to disc characteristics, scratches, smudges, dirt, etc., or due to dust or condensation on the lens inside the unit.
- Storing DVDs in the vehicle exposed to direct sunlight or high temperature may damage the DVD-R/DVD+R/DVD-RW/DVD+RWs, and make them unplayable.
- This unit may not be able to play certain discs made using a computer due to the application (writing software) setting used. (For details, consult the store where the application was purchased.)
- Completely read the instruction manual and cautions for DVD-R/DVD+R/DVD-RW/DVD+RWs.
- Do not use discs with cellophane tape adhering, partially peeled off labels, or adhesive material exuding from the edges of the DVD label. Also, do not use discs with a commercially-available DVD-R label affixed. The disc may not eject resulting in a malfunction.
- The conditions in which a DVD video can be played may be pre-determined depending on the intentions of the disc software creator. Functions may not operate as the user intends because this DVD player operates according to the design intentions of the software creator. Always refer to the instructions accompanying the disc to be played.
- Manufactured under license by Dolby Laboratories, Inc.. Dolby and the double-D symbol are trademarks of Dolby Laboratories.

### NOTE

- *Video data (DVD-Video/DVD-VR files) written to DVD/DVD-R/DVD+R/DVD-RW/DVD+RW can be played.*
- *This unit is compatible for playback of dual-layer DVD/DVD-R.*
- *Regional number for this unit is [2] or [3] (regional number depends on market).*
- *DVD-Video/DVD-VR files written under specifications other than the indicated specification may not play normally or files or folder names may not display correctly.*

**Mark indicating on disc\***

Marks indicated on discs or packages are as follows:

Mark		Meaning	
NTSC	PAL	Indicates a color TV system (broadcast system depends on market).	
		Indicates the number of audio tracks. The number indicates the number of audio recordings.	
		Indicates the number of subtitled languages. The number indicates the number of recorded languages.	
		Number of angles. The number indicates the number of recorded angles.	
		Indicates the screen modes which can be selected. “16:9” indicates a wide screen and “4:3” indicates a standard screen.	
			Indicates the region code for which a disc can be played. ALL indicates global applicability, and a number indicates applicability based on region.

**Glossary****DVD-Video\***

DVD-Video is a video image storing standard determined by the DVD forum. “MPEG2”, a global standard in digital compression technologies, has been adopted which compresses on average about 1/40th of the image data and stores it. In addition, a variable-rate coding technology, which changes the assigned information amount according to the shape of the screen image, has been adopted. Audio information can be stored using Dolby digital instead of PCM (Pulse Code Modulation) and more realistic sounding audio can be enjoyed.

In addition, various, supplementary functions such as multi-language availability are provided for enhanced enjoyment.

**DVD-VR\***

DVD-VR is short for DVD Video Recording Format; video image storing standard determined by the DVD forum.

**Multi-angle\***

One of the DVD player's functions. Because scenes can be recorded in multiple angles (camera position), users can choose a desired angle.

**Multi-language\***

As a function of the DVD player, audio or subtitles for the same video images can be stored in multiple languages and the language can be selected freely.

## Entertainment

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### Region code\*

DVD players and discs are assigned codes for each market region and only discs manufactured for that specific region can be played.

A disc cannot be played if the region code assigned to the player is not indicated on the disc. In addition, even if a region code is not indicated on the disc, disc playback may be prohibited depending on the region. In this case, a disc may not be playable in this DVD player.

### Operating Tips for OGG

OGG is the audio compression format for Xiph. Org Foundation.

Audio data can be created and stored at a higher compression ratio than MP3.

This unit plays files with the extension (.ogg) as OGG files.



*Do not use an audio file extension on files other than audio files. In addition, do not change the audio file extension. Otherwise, the unit will not recognize the file correctly resulting in noise or a malfunction.*

- OGG files written under specifications other than the indicated specification may not play normally or files or folder names may not display correctly.
- The file extension may not be provided depending on the computer operating system, version, software, or settings. In this case, add the file extension “.ogg” to the end of the file name, and then write it to the memory.

### Operating Tips for USB device

This unit plays audio files as follows:

Extension	Playback with this unit
.mp3	MP3
.wma	WMA
.aac	AAC
.m4a	
.wav	WAV
.ogg	OGG

 <b>CAUTION</b>
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Do not use an audio file extension on files other than audio files. In addition, do not change the audio file extension. Otherwise, the unit will not recognize the file correctly resulting in noise or a malfunction.

**NOTE**

- Playback may not be possible depending on the type and condition of the USB flash memory even if the audio file complies with the standard.
- A copyright protected WMA/AAC file cannot be played in this unit.
- If a file name in the USB memory is too long, it could cause operation problems such as not being able to playback the song.  
(Recommended: Within 80 characters)
- The order of the music data stored in the device may differ from the playback order.
- To prevent loss or damage of stored data, we recommend that you always back up your data.

(Vehicles without USB port indicated with )

- If a device exceeds the maximum electric current value of 1,000 mA, it may not operate or recharge when connected.

(Vehicles with USB port indicated with )

- If the current consumption of the connected device exceeds the following current value, it may not operate or recharge.
  - Apple device is connected : 2,100 mA
  - Device compatible with BC1.2 is connected : 1,500 mA
  - Device other than the above is connected : 500 mA
- Do not pull out the USB device while in the USB mode (only pull it out while in FM/AM radio or CD mode\*).
- The device will not operate if the data is password protected.

MP3/WMA/AAC/OGG files written under specifications other than the indicated specification may not play normally or files/folder names may not display correctly.

## Entertainment

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### Agreements and disclaimers related to Apple CarPlay™

This unit is compatible with Apple CarPlay™ which can operate an iPhone® using the vehicle's audio device.

- \* iPhone, Siri and Apple Music are registered trademarks of Apple Inc.
- \* Apple CarPlay™ is trademarks of Apple Inc.
- \* iOS is a trademark or registered trademark of Cisco in the U.S. and other countries and is used under license.

May not be compatible depending on the model or OS version.

#### **CAUTION**

- *For the purposes of safety, do not operate your iPhone® while driving.*
- *Disconnect the iPhone® when it is not in use. If the device is left in the cabin, it could be damaged or the battery may deteriorate due to the excessive temperature or humidity inside the cabin.*
- *If the iPhone® battery has deteriorated, it may not recharge or play audio even if it is connected to this unit.*
- *Before use, carefully read the user instructions for the iPhone®.*

#### **NOTE**

*To prevent loss or damage of stored data, we recommend that you always back up your data.*

### Operating Tips for Android™

Requires the Android Auto app on Google Play and an Android compatible smartphone running Android™ 5.0 Lollipop or higher.

#### **CAUTION**

- *For the purposes of safety, do not operate your Android™ Smartphone while driving.*
- *Disconnect the Android™ Smartphone when it is not in use. If the device is left in the cabin, it could be damaged or the battery may weaken due to the excessive temperature or humidity inside the cabin.*
- *If the Android™ Smartphone battery has deteriorated, it may not recharge or play audio even if it is connected to this unit.*
- *Before use, carefully read the user instructions for the Android™ Smartphone.*

**NOTE**

To prevent loss or damage of stored data, we recommend that you always back up your data.

\* Google, Android, Android Auto and other related marks are trademarks of Google LLC.

**Bluetooth® audio****Applicable Bluetooth® specification (Recommended)**

Ver. 1.1/1.2/2.0 + EDR/2.1 + EDR/3.0 (conformity)

**Response profile**

- A2DP (Advanced Audio Distribution Profile) Ver. 1.0/1.2
- AVRCP (Audio/Video Remote Control Profile) Ver. 1.0/1.3/1.4

A2DP is a profile which transmits only audio to the Bluetooth® unit. If your Bluetooth® audio device corresponds only to A2DP, but not AVRCP, you cannot operate it using the control panel of the vehicle's audio system. In this case, only the operations on the mobile device are available the same as when a portable audio device for a non-compliant Bluetooth® device is connected to the AUX terminal.

Function	A2DP	AVRCP		
		Ver. 1.0	Ver. 1.3	Ver. 1.4
Playback	X	X	X	X
Pause	X	X	X	X
File (Track) up/down	—	X	X	X
Reverse	—	—	X	X
Fast-forward	—	—	X	X
Text display	—	—	X	X
Repeat	—	—	Depends on device	Depends on device
Shuffle	—	—	Depends on device	Depends on device
Scan*	—	—	Depends on device	Depends on device
Folder up/down	—	—	—	Depends on device

X: Available

—: Not available

## Entertainment

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### NOTE

- The battery consumption of Bluetooth® audio devices increases while Bluetooth® is connected.
- If a general mobile phone device is USB connected during music playback over the Bluetooth® connection, the Bluetooth® connection is disconnected. For this reason, you cannot have music playback over a Bluetooth® connection and music playback using a USB connection at the same time.
- The system may not operate normally depending on the Bluetooth® audio device.

### Bluetooth® Audio Device Information Display

If a Bluetooth® audio device is connected, the following information is displayed in the center display.

	AVRCP Ver. lower than 1.3	AVRCP Ver. 1.3	AVRCP Ver. 1.4 or higher
Device name	X	X	X
Remaining battery charge of device	X	X	X
Song name	—	X	X
Artist name	—	X	X
Album name	—	X	X
Playback time	—	X	X
Genre name	—	X	X
Album art image	—	—	—

X: Available

—: Not available

### NOTE

Some information may not display depending on the device, and if the information cannot be displayed, "Unknown - - -" is indicated.

## Radio

### Radio ON

Select the  icon on the home screen to display the Entertainment screen. When selecting the desired radio, the following icons are indicated in the lower part of the center display.

### AM/FM Radio

Icon	Function
	Displays the Entertainment menu. Use to switch to a different audio source.
	Displays the list of receivable RDS radio stations (FM only).*
	Displays the station list. Select <b>Update Station List</b> to display the frequencies of up to ten radio stations on the auto memory preset list. Select the desired frequency.
	Displays the Favorites list. Long-press to store radio station currently being aired.
	Switches the HD Radio on and off. Displays the multi-cast channel list of the HD Radio.*
	You can search for receivable radio stations. Scanning stops at each station for about 5 seconds. Select again to continue receiving the radio station.
	You can change the radio frequency manually. Rotate the commander knob, slide the screen, or touch the radio frequency. Press ◀ or ▶ to change the radio frequency one step at a time. When ◀ or ▶ is long-pressed, the radio frequency changes continually. It stops when you remove your hand from the icon or the commander knob.
	Launches the iTunes Tagging function (for Apple devices with USB use only). Can be used when the HD Radio is on.
	Switches the TA mode on and off.*
	Automatic radio station selection.
	When long-pressed, the radio frequency changes continually. It stops when you remove your hand from the icon or the commander knob.
	Displays the FM settings screen (FM only).* On/Off of Alternative frequency and Region lock can be set.

## Entertainment

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Icon	Function
	Displays sound settings to adjust audio quality level. Refer to Other Equipment/Functions on page 2-93.

### NOTE

When the ◀◀ or ▶▶ icon is selected while FM is selected, each program is selected.\*

### Favorites Radio

Selected stations can be registered for convenient operation. Up to 50 stations can be registered. The Favorites list is common to AM, FM, satellite radio\* and DAB radio\*.

#### Registering to Favorites

Long-press the ★ icon to register the current radio station. The registration can also be performed using the following procedure.

1. Select the ★ icon to display the Favorites list.
2. Select **[Add/Edit Radio Favorites]**.
3. Select **[Add <active station>]**.
4. The station is added to the bottom of the Favorites list.

### NOTE

If the battery is disconnected, your Favorites list will not be deleted.

#### Selecting radio station from Favorites

1. Select the ★ icon to display the Favorites list.
2. Select the radio frequency to tune in the radio station.

#### Deleting from Favorites

1. Select the ★ icon to display the Favorites list.
2. Select **[Add/Edit Radio Favorites]**.
3. Select **[Delete]**.
4. Select the radio frequency you want to delete.
5. Select **[Delete]**.

#### Changing Favorites list order

1. Select the ★ icon to display the Favorites list.
2. Select **[Add/Edit Radio Favorites]**.
3. Select **[Move]**.
4. Select a radio frequency. The selected radio station can be moved.

5. Slide the radio station or move it using the commander switch, then select **OK**.

### **Radio Broadcast Data System (RBDS)\***

#### **Radio text information display**

Radio text information sent from a broadcasting station is displayed in the center display.

#### **NOTE**

*Radio text information is a function of FM radio only. There is no text function on AM radio. Text information is not displayed in the following:*

- During HD Radio reception
- Not an RBDS broadcast
- RBDS broadcast, but radio text is not transmitted from the radio station

#### **Genre Seek**

Some FM stations transmit Genre codes (Program type like Rock, News, and so on). This code enables alternative stations transmitting the same Genre code to be found quickly.

#### **(To scan for Genre Seek:)**

1. Select the  icon while in the FM mode.
2. Select **Genre Seek** to open the genre list.
3. Select the genre type you want to select.
4. Select the  icon.

#### **NOTE**

*To change the desired genre, select the  icon.*

Ex.)

89.3 is currently being received. With Rock selected as the Genre, the radio stations broadcasting Rock are at the following frequencies.

98.3\*1, 98.7, 104.3\*1, 107.1

\*1 Radio stations with good reception

The frequency changes as follows each time **Genre Seek** is pressed.

89.3→98.3→104.3→98.3

#### **NOTE**

- Only one Genre can be selected.
- It may not be possible to receive any station even if the Genre Seek function is used.
- If a program in the selected genre is not broadcast to a region, reception is not possible even if the Genre Seek function is used.
- The Genre Seek function searches for genre code (program type) which FM analog broadcasts transmit. HD Radio specialty programs (HD2-HD8) cannot be searched because they are not FM analog broadcasts.

## Entertainment

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- If radio stations which are selected by scanning using the Genre Seek function are HD Radio broadcasting stations, they are changed from analog broadcasts to HD Radio broadcasts after a few seconds if the reception conditions are good. The genre is displayed after the switch, however, the genre for FM analog broadcasts may differ.

### HD Radio\*

#### Listening to HD Radio™ Technology

If  icon turns on by selecting a radio station which is an HD Radio broadcasting station, the analog broadcast is switched to an HD Radio broadcast automatically after a few seconds and then received.

If the HD Radio broadcast is stopped and changed to an analog broadcast, press down  to turn off .

#### Multicast channel selection (FM)

If multi-cast channels are available for an HD Radio broadcast currently being received, the multi-cast channel list is displayed. Select the desired radio station.

#### NOTE

- If an analog broadcast is received once and HD Radio is received while HD1 is selected, the audio unit switches to the HD Radio station automatically.
- When the  icon is illuminated, there could be a noticeable difference in sound quality and volume when a change from digital to analog signals occurs. If the sound quality and volume become noticeably diminished or cut off, select the  icon to turn off HD Radio ( icon is not illuminated).
- Once an analog broadcast is received when HD1 is selected from the Favorite channels, it is switched to HD Radio automatically. If the radio reception conditions are poor, or HD is off, switching to HD Radio broadcasts is not possible.
- When an HD specialty channel (HD2 to HD8) is selected from the Favorite channels, “Signal Lost” is displayed and no audio is output until HD Radio is received. If the radio reception conditions are poor, “Signal Lost” continues to be displayed.
- If the  icon is not illuminated, information such as song titles of the HD Radio station are received, however, the audio output is analog.

#### iTunes Tagging (for Apple devices with USB use only)

By tagging a song currently being aired, the song can later be purchased from the iTunes Store. One hundred tags can be stored. A maximum of 100 tags (for 100 songs) can be stored for later downloading.

1. Select the  icon. The tag is stored in the audio unit.

2. Connect the device via the vehicle's USB. Any stored tag(s) will be sent automatically to the connected device.
3. Once at home or after parking the vehicle safely, log onto the iTunes Store with your device. Your previously tagged song(s) can now be easily purchased.

**NOTE**

- Both AM and FM HD Radio can be used.
- Because iTunes tagging only supports purchases from the iTunes Store, direct downloading of music from the vehicle's audio unit is not possible.
- If the available memory for the connected device is insufficient, the tag is not sent.
- If an error occurs while the tag is being sent, reconnect the device.

**Radio Data System (RDS)\*****Alternative frequency (AF)**

AF functions on FM stations. Turn on the AF mode. If the radio reception of the current station weakens, the system switches to an alternative station automatically.

If you wish to continue a regional program, turn on the Region lock (REG) mode.

**AF/REG on or off switching**

Select the  icon while in FM mode to switch to the FM settings screen. AF/REG on or off switching can be performed as follows:

**(AF mode on/off)**

Select On/Off on the FM settings screen.

**(REG mode on/off)**

While the AF mode is on, select On/Off.

**Traffic announcement (TA)**

Select  during FM/AM reception to switch to the TA mode.

If a TA broadcast is received while in the TA mode, the TA broadcast intercedes even while using other functions (FM, CD\*, USB device, AUX, BT audio, Aha™ radio, or Stitcher™ radio), and “Traffic Announcement” is displayed.

If a TA is received on the Entertainment screen,  is displayed on the screen. Select  to cancel the received TA and return to TA reception stand-by. If a TA is received on a screen other than the Entertainment screen, the selection screens for , , and  are displayed on the screen. If  is selected, the selection screen turns off when a TA is received while continuing to receive TAs.

**Selection from Station List**

List of receivable RDS radio stations is displayed. You can easily select the station you want to listen to from the list. If a radio station name is not available, the frequency is displayed.

## Entertainment

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In addition, radio stations which have been programmed to a Genre code (Program types like Rock, News, and so on) can also be displayed separately by category.

### **NOTE**

*It may take longer to display the station list depending on the reception conditions.*

1. Select the  icon to display the radio station list.
2. Select the radio frequency to tune in the radio station.

### **(Selecting Genre)**

1. Select the Genre on the station list screen to display the genre list screen.
2. Select the genre to display the radio station list in the genre.

### **NOTE**

*Only one Genre can be selected.*

## SiriusXM®

### Displaying the Radio ID

When channel 0 is selected, the radio ID is displayed. Use the PREVIOUS or NEXT channel buttons to select channel 0.

### SiriusXM® operation

Select the  icon on the home screen to display the Entertainment screen. When  is selected, the following icons are indicated in the bottom part of the center display.

Icon	Function
	Displays the Entertainment menu. Use to switch to a different audio source.
	Displays the channel list of the current category.
	Displays the favorites list. Long-press to store the channel currently being aired. Refer to Operating the Radio on page 2-35.
	Plays each channel in the current channel list for 6 seconds. Select again to continue receiving the channel. The function can be selected when the Tune Scan™ setting is turned off.
	Each channel programmed to Smart Favorite is played for 6 seconds. The function can be selected when all of the following conditions are met. <ul style="list-style-type: none"> <li>• Two or more music channels have been programmed to Smart Favorite</li> <li>• The Tune Scan™ setting is ON</li> </ul>
<b>Tune Mix</b> 	Displays in red while a station in a TuneMix™ channel is being broadcast. The TuneMix™ broadcast ends when the icon is pressed.
	<b>(During TuneMix™ broadcast/Tune Scan™ operation)</b> Returns to the beginning of the previous song.
	Plays a radio. When selected again, playback is temporarily stopped.
	<b>(During TuneMix™ broadcast/Tune Scan™ operation)</b> Advances to the beginning of the next song.
	<b>(When in a mode other than TuneMix™/Tune Scan™)</b> Plays the previous channel.
	<b>(When in a mode other than TuneMix™/Tune Scan™)</b> Plays the next channel.
	Displays the setting screen.

## Entertainment

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Icon	Function
	Displays sound settings to adjust audio quality level. Refer to Other Equipment/Functions on page 2-93.

### Selection from channel list

Receivable channels can be displayed on the channel list screen. You can easily select the channel you want to listen from the list. Each category can be also displayed.

1. Select the  icon to display the channel list.
2. Select a desired channel.

### (Select from category list)

1. Select the  icon to display the channel list.
2. Select **Change Category** to display the category list.
3. Select a desired category.

### Creating TuneMix™ Channel

The music channels programmed to Smart Favorite can be programmed to the TuneMix™ Channel.

#### NOTE

- Smart Favorite can be programmed by selecting **Smart Favorites** on the SiriusXM Settings screen.
- The TuneMix™ Channel cannot be created unless two or more SiriusXM music channels have been programmed to Smart Favorite.

1. Select the  icon to display the channel list.
2. Select the **TuneMix** tab.
3. Select **TuneMix Options**.
4. Select **Create New TuneMix Channel**.
5. Select the desired music channel to the TuneMix™ Channel.
6. Select  to register the TuneMix™ Channel.

### Parental lock

If a channel is locked, the channel is muted.

To use the parental lock function, the PIN code must be initialized first.

By using the session lock, the parental lock can be enabled or disabled during the current drive cycle (from when the ignition is switched on to switched off). When the session lock is on, the parental lock is available. When the session lock is off, the parental lock is temporarily canceled.

When canceling the parental lock or session lock, or when changing the PIN code, PIN code input is required.

**PIN code reset**

If the registered code has been forgotten, reset the code to the default [0000] code.

1. Select the  icon.
2. Select **Parental Lock**.
3. Select **Reset PIN Code**.
4. Input the default code [0000] using the number buttons.
5. Select .
6. Input the new PIN code using the number buttons.
7. Select .

# Entertainment

## DAB\*

DAB radio is a digital broadcasting system for radio.

DAB radio provides a high-quality radio sound source using an auto frequency switching function in boundary areas.

By displaying the radio text, information such as the song name and artist name can be displayed.

### NOTE

*This unit is also compatible with DAB+ radio.*

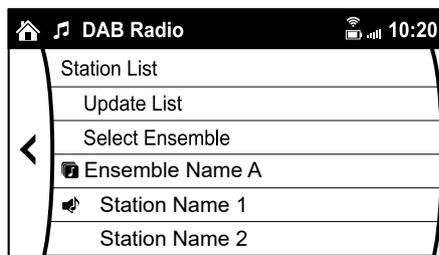
### Radio ON

1. Select  on the home screen to display the Entertainment screen.
2. Select , the following icons are displayed at the bottom of the screen.

Icon	Function
	Displays the Entertainment menu. Use to switch to a different audio source.
	Displays the station list (ensemble and station). Select  to update the station list. Select  to select the ensemble you want to display.
	Displays the favorites list. Press and hold to store the currently tuned station to the favorites list. Refer to Operating the Radio on page 2-35.
	Searches your desired station from the station list. Tunes to each station in the station list for 10 seconds. Select again when your desired station is tuned.  <b>NOTE</b> <i>If the station list is not available, it switches to the station list update screen. Perform the station list updating.</i>
	Switches the TA mode on and off. Refer to Operating the Radio on page 2-35.
	Returns to the previous station. Touch and hold to return to the top station in the previous ensemble.
	Goes to the next station. Touch and hold to go to the top station in the next ensemble.
	Displays the DAB radio setting screen.
	Displays sound settings to adjust audio quality level. Refer to Other Equipment/Functions on page 2-93.

## Example of use (Update station list and listen to DAB radio)

1. Select the  icon and display the following screen.
2. Select **Update List** to update the station list.
3. Select **Select Ensemble** to select the ensemble you want to display.
4. Select a desired station to start radio reception.



## DAB radio setting

1. Select the  icon while using DAB radio.
2. Select the desired item and perform the setting.

The items which can be set are as follows:

Item	Setting	Function
BAND Settings	Band III/L Band/Both	Frequency band can be changed.
DAB-FM Link	On/Off	On: If the reception condition is bad, an FM station which is providing the same broadcast is searched and switched to.
DAB-DAB Link	On/Off	On: If the reception condition is bad, a DAB station which is providing the same broadcast is searched and switched to.
Radio Text	On/Off	On: Radio text is displayed.

### NOTE

- The radio text may not be displayed depending on the radio station.
- The radio text cannot be displayed in DAB-FM mode.
- If there is no DAB radio signal, "Signal Lost" is displayed on the screen. Change the ensemble or radio station, or perform station list updating.

## Entertainment

### Pandora®\*

#### What is Pandora®?

Pandora® is free personalized Internet radio. Simply enter a favorite artist, track, genre, and Pandora® will create a personalized station that plays their music and more like it. Rate songs by giving thumbs-up and thumbs-down feedback to further refine your station, discover new music and help Pandora® play only music you like.

#### **NOTE**

- Pandora® may not be available outside of the U.S.A..
- To operate Pandora® from your Bluetooth® device, perform the following in advance:
  - Create Pandora® account on the Web.
  - Create Pandora® station using Pandora® application.
  - Install Pandora® application on your device.

#### Playback

Select the  icon on the home screen to display the Entertainment screen. When Pandora is selected, the following icons are indicated in the bottom part of the center display.

Icon	Function
	Displays the Entertainment menu. Use to switch to a different audio source.
	Displays the station list. Use to switch to other stations.
	<b>Thumbs-Down</b> Press the  icon to tell Pandora® not to play this track.
	<b>Thumbs-Up</b> Press the  icon to tell Pandora® “you like this track” and it helps to bring in more tracks like it to your station.
	<b>Bookmarking</b> Bookmarks the song or artist currently being played.
	Plays the track. When selected again, playback is temporarily stopped.
	Goes to the next song.

Icon	Function
	Displays sound settings to adjust audio quality level. Refer to Other Equipment/Functions on page 2-93.

**NOTE**

- The skip function may not be available depending on the device.
- The number of skips is limited by Pandora®.
- If the  icon is selected when the skip song function is running, the next song is skipped.

**Selection from station list**

Selection can be made from a programmed radio station list.

1. Select the  icon.
2. Select the desired radio station.

**NOTE**

When **Shuffle** is selected, songs randomly selected from the radio station list are played.

**Selecting the sort method**

The displayed order of the station list can be changed.

1. Select the  icon.
2. Select **Sort By:**.
3. Select **Date** to display in the order starting from the newly created station.
4. Select **A-Z** to display in alphabetical order.

**NOTE**

The displayed order of **Shuffle** cannot be changed.

**Bookmarking**

You can bookmark song or artist to check out later on the Web.

1. Select the  icon.
2. Select **Bookmark Song** to bookmark the song.
3. Select **Bookmark Artist** to bookmark the artist.

# Entertainment

## Bluetooth®

### Switching to Bluetooth® audio mode

To listen to music or voice audio recorded to a Bluetooth® audio device, switch to the Bluetooth® audio mode to operate the audio device using the audio system control panel. Any Bluetooth® audio device must be paired to the vehicle's Bluetooth® unit before it can be used.

Refer to Bluetooth® Preparation on page 2-93.

1. Turn on the Bluetooth® audio device's power.
2. Switch the ignition to ACC or ON.
3. Select the  icon on the home screen to display the Entertainment screen.
4. When **Bluetooth** is selected, switches to the Bluetooth® audio mode to begin playback.

### NOTE

- If the Applications screen is not displayed on the device, Bluetooth® audio may not play on the center display.
- If Bluetooth® audio is used after using Pandora®\*, Aha™ or Stitcher™ radio, the application on the mobile device has to be closed first.
- If the Bluetooth® audio device does not begin playback, select the  icon.
- If the mode is switched from Bluetooth® audio mode to another mode (radio mode), audio playback from the Bluetooth® audio device stops.

### Playback

To listen to a Bluetooth® audio device over the vehicle's speaker system, switch the mode to Bluetooth® audio mode. (Refer to “Switching to Bluetooth® audio mode”)

After switching to the Bluetooth® audio mode, the following icons are displayed in the lower part of the display. Icons which can be used differ depending on the version of the Bluetooth® audio device which you are currently using.

Icon	Function
	Displays the Entertainment menu. Use to switch to a different audio source.
	<p><b>(AVRCP Ver. 1.4 only)</b>                      Displays the top level folder/file list.                      Select the folder which you want to select.                      The files in the selected folder are displayed.                      Select the file you want to play.</p>

Icon	Function
	<b>(AVRCP Ver. 1.3 or higher)</b> Replays the song currently being played repeatedly. When selected again, the songs in the folder are played repeatedly. Select it again to cancel. Icons change when the song is repeated or the folder is repeated.
	<b>(AVRCP Ver. 1.3 or higher)</b> Plays songs in the folder in random order. When selected again, the songs on the device are played in random order. Select it again to cancel. Icons change during folder shuffle or device shuffle.
	Scans the titles in a folder and plays the beginning of each song to aid in finding a desired song. When selected again, the beginning of each song on the device is played. When selected again, the operation is canceled and the song currently being played continues.
	Returns to the beginning of the previous song. Long-press to fast reverse. It stops when you remove your hand from the icon or the commander knob.
	Plays the Bluetooth® audio. When selected again, playback is temporarily stopped.
	Advances to the beginning of the next song. Long-press to fast forward. It stops when you remove your hand from the icon or the commander knob.
	Displays sound settings to adjust audio quality level. Refer to Other Equipment/Functions on page 2-93.

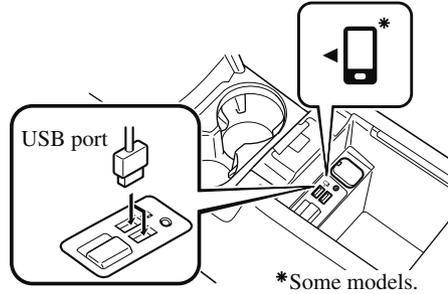
**NOTE**

*If there is music information in a music file even for music not registered to the Gracenote® database, the music information (excluding album art) will be displayed. However, if a device compatible to AVRCP Ver. 1.6 or higher is connected, music information may not be displayed correctly.*

# Entertainment

## USB

### How to connect USB port



\*Some models.

### Connecting a device

1. Open the console lid.
2. If there is a cover on the USB port, remove the cover.
3. Connect the connector on the device to the USB port.

### **⚠ WARNING**

***Do not allow the connection plug cord to get tangled with the parking brake (without electric parking brake (EPB)) or the shift lever (manual transaxle)/selector lever (automatic transaxle):***  
*Allowing the plug cord to become tangled with the parking brake (without electric parking brake (EPB)) or the shift lever (manual transaxle)/selector lever (automatic transaxle) is dangerous as it could interfere with driving, resulting in an accident.*

### **⚠ CAUTION**

*Do not place objects or apply force to the USB port with the plug connected.*

### **NOTE**

- Insert the plug into the USB port securely.
- Insert or pull out the plug with the plug perpendicular to the USB port hole.
- Insert or remove the plug by holding its base.
- Use the USB terminal indicated by the  mark or the 1 mark when using Apple CarPlay™\* and Android Auto™\*.

**How to use USB mode**

Type	Playable data
USB mode	MP3/WMA/AAC/OGG*/M4A/WAV file

This unit does not support a USB 3.0 device. In addition, other devices may not be supported depending on the model or OS version.

The recommended capacity of the USB memory is 32 GB or less.

USB devices formatted to FAT32 are supported (USB devices formatted to other formats such as NTFS are not supported).

**Playback**

1. Select the  icon on the home screen to display the Entertainment screen.
2. Select **USB 1** or **USB 2** to switch the USB mode. The following icons are displayed in the lower part of the center display.

Icon	Function
	Displays the Entertainment menu. Use to switch to a different audio source.
	Category list is displayed.
	Current track list is displayed. Select a desired track to play it.
	Plays the current track repeatedly. Select it again to play the tracks in the current track list repeatedly. When selected again, the function is canceled.
	Tracks in the current track list are played randomly. Select it again to cancel.
	Starts playing a track similar to the current track using Gracenote®'s More Like This™. Select the desired song from the category list to cancel More Like This™.
	If selected within a few seconds from the beginning of a song which has started to play, the previous song is selected. If more than a few seconds have elapsed, the song currently being played is replayed from the beginning. Long-press to fast reverse. It stops when you remove your hand from the icon or the commander knob.
	Track is played. When selected again, playback is temporarily stopped.

# Entertainment

Icon	Function
	Advances to the beginning of the next song. Long-press to fast forward.
	Displays sound settings to adjust audio quality level. Refer to Other Equipment/Functions on page 2-93.

## NOTE

- If a file name in the USB memory is too long, it could cause operation problems such as not being able to playback the song.  
(Recommended: Within 80 characters)
- The album art may not display depending on the album art size.
- To move to the desired location on the track, move the slider indicating the playback time.
- The appearance of the repeat and shuffle icons changes depending on the type of operation in which the function is used.

## Category list

Select the  icon to display the following category list.

Select a desired category and item.

Category	Function
Playlist*1	Displays playlists on the device.
Artist	Displays the artist name list. All the tracks or tracks for each album of the selected artist can be played.
Album	Displays the album name list.
Song	All the tracks in the device are displayed.
Genre	Displays the genre list. All the tracks or tracks per album or artist in the selected genre can be played.
Audiobook*2	Displays the audiobook list. Chapters can be selected and played.
Podcast*2	Displays the podcast list. Episode can be selected and played.
Apple Music Radio*2	Displays Apple Music Radio stations. A station can be selected and played.
Folder*3	Displays the folder/file list.

\*1 Playlist folders of Apple devices are not supported.

\*2 Apple device only

\*3 USB-Sticks and USB-Android™ device only

**Example of use (to play all tracks in USB device)****(Method 1)**

1. Select  to display the category list.
2. Select **Song**.  
All the tracks in the USB device are displayed.
3. Select a desired track.  
The selected track is played. All the tracks in the USB device can be played by continuing playback.

**NOTE**

*Only the tracks in the desired category selected in Step 2 are played.*

**(Method 2)\*1**

1. Select  to display the category list.
2. Select **Folder**.  
All the folders in the USB device are displayed.
3. Select **All Songs**.  
All the tracks in the USB device are displayed.
4. Select a desired track.  
The selected track is played. All the tracks in the USB device can be played by continuing playback.

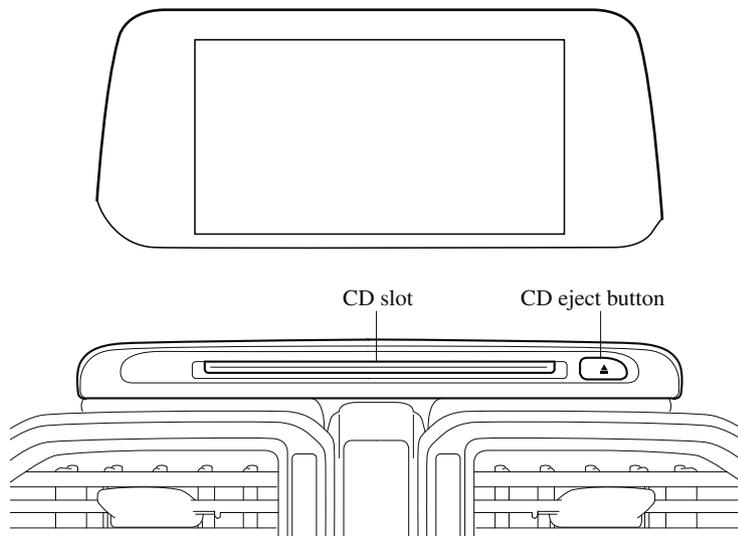
\*1 Can be operated using an Android™ device or USB flash memory.

**NOTE**

*Only the tracks in the desired folder selected in Step 3 are played.*

# Entertainment

CD\*



Type	Playable data
Music/MP3/WMA/AAC CD player	<ul style="list-style-type: none"> <li>• Music data (CD-DA)</li> <li>• MP3/WMA/AAC file</li> </ul>

**NOTE**

*If a disc has both music data (CD-DA) and MP3/WMA/AAC files, playback of the 2 or 3 file types differs depending on how the disc was recorded.*

**Inserting the CD**

Insert the CD into the slot, label-side up. The auto-loading mechanism will set the CD and begin play.

**NOTE**

*There will be a short lapse before play begins while the player reads the digital signals on the CD.*

**Ejecting the CD**

Press the CD eject button (▶) to eject the CD.

## Playback

Select the  icon on the home screen with a CD inserted and display the Entertainment screen. When  is selected, the following icons are indicated in the lower part of the center display.

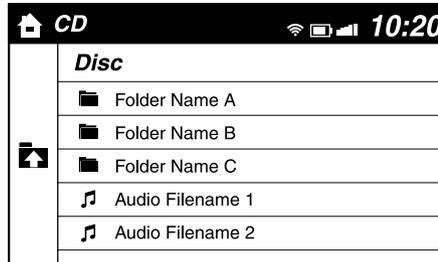
Icon	Function
	Displays the Entertainment menu. Use to switch to a different audio source.
	<p><b>(Music CD)</b> Displays the track list of the CD. Select the track you want to play.</p> <p><b>(MP3/WMA/AAC CD)</b> Displays the top level folder/file list. Select the folder you want to select. The files in the selected folder are displayed. Select the file you want to play.</p>
	<p><b>(MP3/WMA/AAC CDs only)</b> Displays the file list of the folder currently being played. Select the song you want to listen to.</p>
	<p><b>(Music CD)</b> Replays the song currently being played repeatedly. Select it again to cancel.</p> <p><b>(MP3/WMA/AAC CD)</b> Replays the song currently being played repeatedly. When selected again, the songs in the folder are played repeatedly. Select it again to cancel.</p>
	<p><b>(Music CD)</b> Plays songs on the CD in random order. Select it again to cancel.</p> <p><b>(MP3/WMA/AAC CD)</b> Plays songs in the folder in random order. When selected again, the songs on the CD are played in random order. Select it again to cancel.</p>
	<p><b>(Music CD)</b> The beginning of each track on a CD is played to aid in searching for a desired track. When selected again, the operation is canceled and the song currently being played continues.</p> <p><b>(MP3/WMA/AAC CD)</b> The beginning of each track in a folder is played to aid in searching for a desired track. When selected again, the operation is canceled and the song currently being played continues.</p> <p>If the audio is operated during scan-play, the track being scan-played is played normally. Then, the audio operation is performed.</p>

# Entertainment

Icon	Function
	If selected within a few seconds of a song which has started to play, the previous song is selected. If more than a few seconds have elapsed after a song has begun to play, the song currently being played is replayed from the beginning. Long-press to fast reverse. It stops when you remove your hand from the icon or the commander knob.
	Plays a CD. When selected again, playback is temporarily stopped.
	Advances to the beginning of the next song. Long-press to fast forward. It stops when you remove your hand from the icon or the commander knob.
	Displays sound settings to adjust audio quality level. Refer to Other Equipment/Functions on page 2-93.

## Example of use (When searching for a song from the top level of an MP3/WMA/AAC CD)

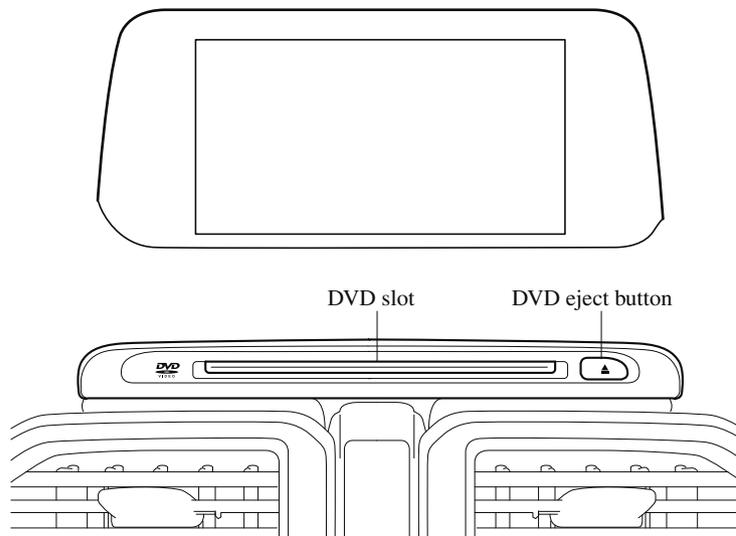
1. Select the  icon to display the folder/file list at the top level.
2. When the folder is selected, folders/file lists in the folder are displayed.
3. Select the desired song.



### NOTE

- Select  to move to a folder one level higher.
- The appearance of the repeat and shuffle icons changes depending on the type of operation in which the function is used.

## DVD\*



Type	Playable data
DVD VIDEO/DVD-VR player	DVD VIDEO/DVD-VR file

### Inserting the DVD

Insert the DVD into the slot, label-side up. The DVD is inserted automatically and the top menu screen of the DVD disc and controller are displayed.

#### **NOTE**

*There will be a short lapse before play begins while the player reads the digital signals on the DVD.*

### Ejecting the DVD

Press the DVD eject button (▲) to eject the DVD.

### Playback

Select the  icon on the home screen with a DVD inserted and display the Entertainment screen. When  is selected, the DVD top menu screen and the controller are displayed. When starting the playback by operating the controller, the following icons are displayed at the bottom of the screen.

## Entertainment

Icon	Function
	Displays the Entertainment menu. Use to switch to a different audio source.
	Returns to the DVD menu screen.
	Returns to the beginning of the previous chapter if the icon is selected within a few seconds after the playback of the current chapter has started. Returns to the beginning of the current chapter if the icon is selected a few seconds after the playback of the current chapter has started. Long-press during playback to fast reverse. Long-press during pause to play in reverse in slow motion. It stops when you remove your hand from the icon or the commander knob.
	Plays the DVD. Select again to pause the playback.
	Advances to the beginning of the next chapter. Long-press during playback to fast forward. Long-press during pause to play in slow motion. It stops when you remove your hand from the icon or the commander knob.
	Changes camera angle each time the icon is selected (usable DVDs only).
	Changes display/non-display of the sub titles (usable DVDs only).
	Changes the parental lock setting. Parental lock level and PIN code setting changes are possible.
	Pauses the playback and displays the DVD setting screen. Select <b>Audio Settings</b> to adjust the sound quality. Refer to Other Equipment/Functions on page 2-93. Select <b>Aspect Ratio</b> to change the aspect ratio (horizontal to vertical ratio of the screen). 16:9 Widescreen, 4:3 Letterbox, and 4:3 Pan-scan are available.
	Adjusts the screen. Displays the video setting screen at the bottom of the screen.

### NOTE

- For safety reasons, images are not displayed while the vehicle is being driven.
- Slide the  of the controller to move the controller.
- If the mode is switched to DVD mode once the DVD playback has stopped, the playback restarts without displaying the DVD menu screen.

**Setting DVD functions**

Sound quality and aspect ratio settings can be performed.

**Setting sound quality**

1. Select the  icon.
2. Select **Audio Settings** to adjust the sound quality.  
Refer to Other Equipment/Functions on page 2-93.

**Setting aspect ratio**

1. Select the  icon.
2. Select **Aspect Ratio**.
3. Select a desired aspect ratio.

**Setting image quality**

Brightness, contrast, tint, color density can be adjusted.

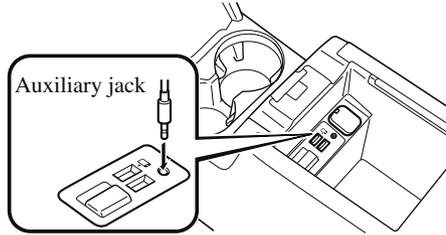
When the  icon is selected, the following tabs are displayed at the bottom of the screen.

Tab	Function
<b>Brightness</b>	Screen brightness can be adjusted using the slider.
<b>Contrast</b>	Screen contrast can be adjusted using the slider.
<b>Tint</b>	Color tone of the screen can be adjusted using the slider.
<b>Color</b>	Screen color can be adjusted using the slider.
<b>Reset</b>	Screen settings can be reset to initial values. Select <b>Reset</b> .

## Entertainment

### AUX

#### How to connect Auxiliary jack



#### Connecting with a connector cable

1. Open the console lid.
2. If there is a cover on the auxiliary jack, remove the cover.
3. Connect the device plug/connector cable to the auxiliary jack. For vehicles with a DVD/CD player, pass the device plug/connector cable through the notch in the console and connect.

#### **⚠ WARNING**

***Do not allow the connection plug cord to get tangled with the parking brake (without electric parking brake (EPB)) or the shift lever (manual transaxle)/selector lever (automatic transaxle):***  
*Allowing the plug cord to become tangled with the parking brake (without electric parking brake (EPB)) or the shift lever (manual transaxle)/selector lever (automatic transaxle) is dangerous as it could interfere with driving, resulting in an accident.*

#### **⚠ CAUTION**

*Do not place objects or apply force to the auxiliary jack with the plug connected.*

#### **NOTE**

- *Insert the plug into the auxiliary jack securely.*
- *Insert or pull out the plug with the plug perpendicular to the auxiliary jack port hole.*
- *Insert or remove the plug by holding its base.*

**How to use AUX mode**

1. Select the  icon on the home screen to display the Entertainment screen.
2. Select **[AUX]** to switch to the AUX mode. The following icons are displayed in the lower part of the center display.

Icon	Function
	Displays the Entertainment menu. Use to switch to a different audio source.
	Displays sound settings to adjust audio quality level. Refer to Other Equipment/Functions on page 2-93.

**NOTE**

- *If a device is not connected to the auxiliary jack, the mode does not switch to the AUX mode.*
- *Adjust the audio volume using the portable audio device, commander switch, or audio control switch.*
- *Audio adjustments can also be made using the portable audio device's volume setting.*
- *If the connection plug is pulled out from the auxiliary jack while in AUX mode, noise may occur.*

# Entertainment

## Aha™

Aha™ is an application which can be used to enjoy various Internet content such as Internet radio and podcasts.

Stay connected to your friends activities by getting updates from Facebook and Twitter.

Using the location-based service, nearby services and destinations can be searched or real-time local information can be obtained.

For details on Aha™, refer to “<http://www.aharadio.com/>”.

### NOTE

- The service content provided by Aha™ varies depending on the country in which the user resides. In addition, the service is not available in some countries.
- To operate Aha™ from your Bluetooth® device, perform the following in advance:
  - Install the Aha™ application to your device.
  - Create an Aha™ account for your device.
  - Log onto Aha™ using your device.
  - Select the preset station on your device.
- If the Applications screen is not displayed on the device, Aha™ may not play on the center display.

### Playback

Select the  icon on the home screen to display the Entertainment screen. When aha is selected, the following icons are displayed at the bottom of the center display. The displayed icon differs depending on the selected station.

In addition, icons other than the following icons may be displayed.

Icon	Function
	Displays the Entertainment menu. Use to switch to a different audio source.
	Displays the main menu. Use to switch to other stations.
	Displays the content list. Use to switch to other desired content on the station.
	<b>Like</b> *1 Evaluates the current content as “Like”.
	<b>Dislike</b> *1 Evaluates the current content as “Dislike”.
	Reverses for 15 seconds.

Icon	Function
	<b>Map (vehicles with navigation system)</b> Displays the destination searched by the location based services on the navigation system.
	<b>Call</b> A call can be made to the telephone number of a shop searched using the Location Based Services. Available when a device is connected as a Hands-Free.
	Returns to the previous content.
	Pauses playback of the content. When selected again, playback resumes.
	Goes to the next content.
	Fast-forwards for 30 seconds.
	Displays sound settings to adjust audio quality level. Refer to Other Equipment/Functions on page 2-93.

\*1 Some stations may use alternate variations of Like and Dislike, based on station type or provider.

## Main menu

Select the  icon.



Switch the tab and select the station category.

Tab	Function
Presets	Displays the preset station list set on the device. Select the preset station name to play the station content.
Nearby	Select the desired station. Guidance is provided to the searched destination near the vehicle's position. You can designate desired categories previously set using the filter setting on your device.

# Entertainment

## NOTE

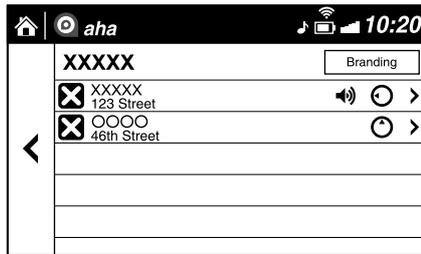
The available Location Based Services may differ because the services depend on the content provided by Aha™.

### Example of use (Location Based Services)

1. Select the desired station from the “Nearby” tab on the main menu.  
The destination name or address playback starts in the order of the destination name list.



2. When the  icon is selected, the currently displayed destination is displayed on the navigation system (vehicles with navigation system).
3. When the  icon is selected, a phone call is placed to the currently displayed destination.
4. Select the  icon to display the content list.  
Selection of other destinations from the list can be made.



Some social stations, such as Facebook or Karaoke, support the ability to record and share voice messages using the “Shout” function.

1. Select the  icon and start the countdown (3, 2, 1, 0). Recording starts when the countdown reaches zero.
2. Records voice.
3. Select **Save** and store/post the recording.

**NOTE**

- Recordable time varies depending on the station (Max. 30 seconds).
- Recording stops automatically when the recordable time has elapsed. You can then post or delete the recording.

# Entertainment

## Stitcher™

Stitcher™ radio is an application which can be used to listen to Internet radio or stream podcasts.

Recommended content is automatically selected by registering content which you put into your favorites, or by pressing the Like or Dislike button.

For details on Stitcher™ Radio, refer to “<http://stitcher.com/>”.

### NOTE

- To operate Stitcher™ Radio from your Bluetooth® device, perform the following in advance:
  - Install the Stitcher™ Radio application to your device.
  - Create a Stitcher™ Radio account for your device.
  - Log onto Stitcher™ Radio using your device.
- If the Applications screen is not displayed on the device, Stitcher™ may not play on the center display.

### Playback

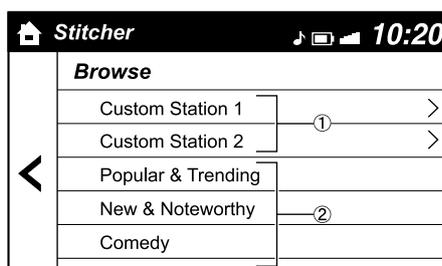
Select the  icon on the home screen to display the Entertainment screen. When Stitcher is selected, the following icons are indicated in the bottom part of the center display.

Icon	Function
	Displays the Entertainment menu. Use to switch to a different audio source.
	Displays the station list. Use to switch to other stations.
	<b>Dislike</b> Evaluates the current program as “Dislike”.
	<b>Like</b> Evaluates the current program as “Like”.
	Adds the current station to your favorites or deletes the current station from your favorites.
	Reverses for 30 seconds.
	Plays the station. Select it again to pause playback.
	Goes to the next station.

Icon	Function
	Displays sound settings to adjust audio quality level. Refer to Other Equipment/Functions on page 2-93.

## Station list

- Select the  icon to display the station list.
  - ① Favorites station name: Select to display the program registered to your favorites.
  - ② Category name: A recommended category selected from your favorites by Stitcher™ is displayed.  
Select it to display the category program.



- Select the program name to play it.

## Add to your favorites

If the current program has not been registered to your favorites, it can be registered to your favorites.

- Select the ★ icon to display the favorites station which the registration can be added.
- Select the station name which you want to register.
- Select **[OK]** to add the program to the selected favorites station.

## NOTE

- Multiple favorites stations can be selected and registered.
- Favorites stations registered by oneself as well those set by default are displayed.

## Delete from your favorites

If the current program has already been registered to your favorites, the program can be deleted from your favorites.

- Select the ★ icon.
- The program is automatically deleted from the favorites station.

## Communication

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### Communication

By connecting your mobile device, such as a Smartphone, to Mazda Connect via Bluetooth®, you can perform hands-free calling and short message functions.

## Bluetooth® Hands-Free

### **Introduction**

When a Bluetooth® device (mobile phone) is connected to the vehicle's Bluetooth® unit via radio wave transmission, a call can be made or received by pressing the talk button, pick-up button, or hang-up button on the audio remote control switch, or by operating the center display.

### ***NOTE***

- *For your safety, a device can be paired only when the vehicle is parked. If the vehicle starts to move, the pairing procedure will end. Park the vehicle in a safe place before pairing.*
- *The communication range of a Bluetooth® equipped device is about 10 meters (32 ft) or less.*
- *Basic audio operation is available using voice commands even if Bluetooth® is not connected.*
- *For safety reasons, operation of the center display is disabled while the vehicle is being driven. However, items not displayed in gray can be operated using the commander switch while the vehicle is being driven.*
- *Some Bluetooth® mobile devices are not compatible with the vehicle. Consult an Authorized Mazda Dealer, Mazda's call center or Web support center for information regarding Bluetooth® mobile device compatibility:*
  - U.S.A.  
Phone: 800-430-0153  
Web: [www.mazdausa.com/mazdaconnect](http://www.mazdausa.com/mazdaconnect)
  - Canada  
Phone: 800-430-0153  
Web: [www.mazdahandsfree.com](http://www.mazdahandsfree.com)
  - Mexico  
Center of Attention to Client (CAC)  
Phone: 01-800-01-MAZDA  
Web: [www.mazdamexico.com.mx](http://www.mazdamexico.com.mx)
  - Germany  
Phone: 0800 4263 738 (8:00—18:00 Central European Time)
  - Europe (Except Germany)  
Phone: 00800 4263 7383 (8:00—18:00 Central European Time)

# Communication

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- Worldwide  
+ 49 721 5099 8198 (8:00—18:00 Central European Time)  
Web: <http://www.mazdahandsfree.com>
- Australia  
Phone: 1800-352-703 during business hours (10am—4pm Eastern Standard Time)  
Web: [www.mazda.com.au](http://www.mazda.com.au)
- New Zealand  
Web: [www.mazdahandsfree.co.nz](http://www.mazdahandsfree.co.nz)

## Applicable Bluetooth® specification (Recommended)

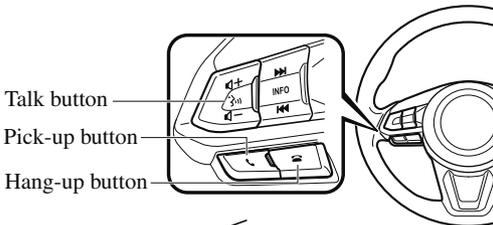
Ver. 1.1/1.2/2.0 + EDR/2.1 + EDR/3.0 (conformity)

## Component Parts

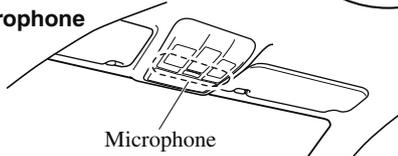
Audio unit



Talk button, Pick-up button and Hang-up button



Microphone



## Microphone (hands-free)

The microphone is used for speaking voice commands or when making a Hands-free call.

## Talk button

Activates the voice recognition. In addition, it skips the voice guidance.

**Pick-up button**

Answers incoming calls. In addition, after selecting a contact or dialing a number, it places the call when the button is pressed.

**Hang-up button**

Ends the call or refuses an incoming call. In addition, it ends the voice recognition operation.

**Commander switch**

The commander switch is used for volume adjustment and display operation. Tilt or turn the commander knob to move the cursor. Press the commander knob to select the icon.

**Volume adjustment**

The volume dial of the commander switch is used to adjust the volume. Turn the dial to the right to increase volume or to the left to decrease it.

The volume can also be adjusted using the volume button on the steering wheel.

**NOTE**

- Press the volume dial to switch the audio MUTE on and off.
- If the volume is lower compared to other audio modes, increase the volume from the device side.

Conversation volume and the volume of the voice guidance and ringtone can each be set in advance.

1. Select the  icon on the home screen to display the Communication screen.
2. Select **Settings**.
3. Adjust the **Phone Volume** and the **VR and Ringtone** using the slider.

**▼ Making a Call**

For Mazda Connect, making calls is possible using any of the following six methods:

- Phonebook downloaded from Bluetooth® device (mobile phone) (voice recognition function can be used)
- Favorites
- Call record
- Dialing a telephone number (voice recognition function can be used)
- “Redial” - Voice recognition command for making a call to the latest outgoing call record.
- “Call back” - Voice recognition command for making a call to the latest incoming call record.

## Communication

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### Phonebook Usage

Telephone calls can be made by saying the contact name in the downloaded phonebook or the name of a person whose phone number has been registered in the Bluetooth® Hands-Free. Refer to Import contact (Download Phonebook).

1. Press the talk button.
2. Wait for the beep sound.
3. **Say:** “Call XXXXX... (Ex. “John”) Mobile”. (You can also say, “Home”, “Work”, or “Other” instead of “Mobile”, depending on how you set up your contact information.)
4. Follow the voice guidance to make the call, or simply press the pick-up button on the steering switch during or after the guidance to make the call.

### Screen operation

1. Select the  icon on the home screen to display the Communication screen.
2. Select **Contacts** to display the contact list.
3. Select the contact you would like to call to display the details for the contact.
4. Select the desired phone number to make the call.

### Import contact (Download Phonebook)

Phonebook data from your device (Mobile phone) can be sent and registered to your Bluetooth® Hands-Free phonebook using Bluetooth®.

#### (Automatic downloading)

The “Auto Download Contacts” setting must be on. When hands-free is connected to the device, the phonebook is downloaded automatically.

Refer to Communication Settings on page 2-81.

#### (Manually downloading)

If the “Auto Download Contacts” setting is off, download the phonebook using the following procedure.

1. Select the  icon on the home screen to display the Communication screen.
2. Select **Contacts** to display the contact list.
3. Select **Edit Contacts**.
4. Select **Import All Contacts** or **Import Selected Contact** to switch to the device operation.
5. If **Import All Contacts** is selected, select **Download**.
6. Download will be started from the mobile phone.

#### NOTE

- If “Import All Contacts” is performed after saving the phonebook to the Bluetooth® unit, the phonebook will be overwritten.
- A maximum of 1,000 contacts can be registered to the phonebook.

- Phonebook, incoming/outgoing call record, and favorite memories are exclusive to each mobile phone to protect privacy.
- Contacts with no telephone number are not registered.

## **Favorites Contacts**

A maximum of 50 contacts can be registered. It will take less time to make a call after registering the telephone number. In addition, you do not have to look for the person you want to call in the phonebook.

### **Registering your favorites**

1. Select the  icon on the home screen to display the Communication screen.
2. Select **Favorites** to display the favorites list.
3. Select **Add/Edit Communication Favorites**.
4. Select **Add New Contact** or **Add New Contact Details**.
5. Select from the displayed list.

### **NOTE**

When “Add New Contact” is selected, information such as the selected person’s name is also registered. In addition, when “Add New Contact Details” is selected, only the telephone number of the selected person is registered.

### **Calling a favorite**

1. Select the  icon on the home screen to display the Communication screen.
2. Select **Favorites** to display the favorites list.
3. **(If only one phone number is registered to contact)**  
Select the contact information you would like to call. Go to Step 5.
3. **(If multiple phone numbers are registered to contact)**  
Select the contact you would like to call to display the screen indicating the details for the contact. Go to Step 4.
4. Select the phone number you would like to call.
5. Select **Yes**.

### **Deleting a favorite**

1. Select the  icon on the home screen to display the Communication screen.
2. Select **Favorites** to display the favorites list.
3. Select **Add/Edit Communication Favorites**.
4. Select **Delete**.
5. Select the contact information which you would like to delete.
6. Select **Delete**.

# Communication

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## Changing the display order of your favorites list

1. Select the  icon on the home screen to display the Communication screen.
2. Select **Favorites** to display the favorites list.
3. Select **Add/Edit Communication Favorites**.
4. Select **Move**.
5. The contact can be moved after it is selected.
6. Slide the contact or move it using the commander switch, then select **OK**.

## Changing contact name of your favorites

1. Select the  icon on the home screen to display the Communication screen.
2. Select **Favorites** to display the favorites list.
3. Select **Add/Edit Communication Favorites**.
4. Select **Rename**.
5. Select the contact to display the keyboard screen.
6. If a new name is input and **OK** is selected, the contact name is stored.

### NOTE

*If the contact is long-pressed when the favorites list is displayed, the contact information can be edited (deleted, moved).*

## Telephone Number Input

### NOTE

*Practice this while parked until you are confident you can do it while driving in a non-taxing road situation. If you are not completely comfortable, make all calls from a safe parking position, and only start driving when you can devote your full attention to driving.*

1. Select the  icon on the home screen to display the Communication screen.
2. When **Dial Phone** is pressed, the dial pad is displayed.
3. Input the telephone number using the dial pad.
4. Select  to make the call.

## Numeral or symbol entry

Use the dial pad.

Long-press the  to input +.

Select  to delete the currently input value.

Long-press  to delete all input values.

## **Redial Function**

Makes a call to the last person called (latest person on outgoing call record) from the mobile phone/vehicle.

1. Press the talk button.
2. Wait for the beep sound.
3. **Say:** “Redial”

## **Call back Function**

Makes a call to the last person who called your (latest person on incoming call record) mobile phone/vehicle.

1. Press the talk button.
2. Wait for the beep sound.
3. **Say:** “Call back”

## **Automatic 911 dialing\***

If the vehicle is involved in a moderate to severe collision, a call is made automatically to 911 from the connected device. The “Emergency Assistance Call” setting must be on. Refer to Communication Settings on page 2-81.



*Though the system can be set to not call 911, doing so will defeat the purpose of the system. Mazda recommends that the Automatic 911 dialing system remain activated.*

## **NOTE**

- **Automatic 911 dialing is a secondary function of the audio entertainment system. Therefore, the Automatic 911 dialing function does not assure that the call is always made to 911 after an accident occurs.**
  - *A Hands-free device must be paired and connected. The 911 operator can verify the vehicle's position information using the Hands-free device GPS if equipped.*
1. If the vehicle is involved in a moderate to severe collision, notification of the call to 911 is made via audio and screen display. To cancel the call, press **Cancel Emergency Assistance Call** or hang-up button within 10 seconds.
  2. If **Cancel Emergency Assistance Call** or hang-up button is not pressed within 10 seconds, the call is made to 911 automatically.

## Communication

### ▼ Receiving a call

When an incoming call is received, the incoming call notification screen is displayed. The “Incoming Call Notifications” setting must be on.

Refer to Communication Settings on page 2-81.

To accept the call, press the pick-up button on the audio control switch or select **Answer** on the screen.

To reject the call, press the hang-up button on the audio control switch or select **Ignore** on the screen.

The following icons are displayed on the screen during a call. Icons which can be used differ depending on use conditions.

Icon	Function
	Displays the Communication menu.
	Ends the call.
	<b>Transferring a call from hands-free to a mobile phone</b> Communication between the Bluetooth® unit and a device (mobile phone) is canceled, and an incoming call will be received by the device (mobile phone) like a standard call.
	<b>Transferring a call from a device (mobile phone) to hands-free</b> Communication between devices (mobile phone) can be switched to Bluetooth® Hands-Free.
	<b>Mute</b> The microphone can be muted during a call. When selected again, the mute is canceled.
	To make a 3-way call, select the contacts from the following: <b>Call History</b> : Call History is displayed. <b>Contacts</b> : The phonebook is displayed. <b>Dial</b> : The dial pad is displayed. Input the phone number. The device may be unusable depending on the contractual content.
	The call on hold is made to make a 3-way call. The device may be unusable depending on the contractual content.
	Switches the call on hold.
	<b>DTMF (Dual Tone Multi-Frequency Signal) Transmission</b> This function is used when transmitting DTMF via the dial pad. The receiver of a DTMF transmission is generally a home telephone answering machine or a company's automated guidance call center. Input the number using a dial pad.

**NOTE**

- If the ignition is switched off during a hands-free call, the line is transferred to the device (Mobile phone) automatically.
- If the DTMF code has two or more digits or symbols, each one must be transmitted individually.

**▼ Call Interrupt**

A call can be interrupted to receive an incoming call from a third party.

When **Hold + Answer** is selected or the pick-up button on the steering wheel is pressed, the current call is held and the system switches to the new incoming call.

When **End + Answer** is selected, the current call is ended and the system switches to the new incoming call (GSM network only).

When **Ignore** is selected or the hang-up button on the steering wheel is pressed, an incoming call is refused.

**NOTE**

- The function may not be available depending on the contractual content of the mobile device.
- The function may not be operable depending on the type of the telephone network and the mobile device.

**▼ Receiving and replying to messages**

SMS (Short Message Service) messages, and E-mail received by connected devices can be downloaded, displayed, and played (read by the system).

Additionally, replies can also be made to calls and messages in the received messages.

**Downloading messages**

Up to 20 new messages can be downloaded and displayed from a connected device.

**NOTE**

*For E-mail, 20 messages for each account can be downloaded.*

**(Automatic downloading)**

The “Auto Download Email” (E-mail) or “Auto Download Text Message” (SMS) setting must be on. A message is downloaded automatically when the Bluetooth® unit is connected to the device.

Refer to Communication Settings on page 2-81.

## Communication

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### (Manually downloading)

When the “Auto Download Email” (E-mail) or “Auto Download Text Message” (SMS) setting is off, the message is downloaded using the following procedure.

1. Select the  icon on the home screen to display the Communication screen.
2. Select **Email** or **Text Messages** to display the Inbox.
3. Select **Update Inbox**.
4. Download will be started from the mobile phone.

### NOTE

- Attached data is not downloaded.
- Messages up to 1 kilobyte (E-mail)/140-bytes (SMS) can be downloaded.
- A message list is created for each device.
- If the connected device does not correspond to MAP 1.0, the AT command is used to download. The downloaded message indicates that it is already read.
- Downloading using the AT command may not function depending on the connected device.
- If an iPhone is connected, the following functions cannot be used depending on its model.
  - Downloading past messages
  - Replying to messages

\*iPhone is a trademark of Apple Inc., registered in the U.S. and other countries.

### Receiving messages

#### (Method 1)

When a device receives a message, a message received notification is displayed. The “Email Notifications” (E-mail) or “Text Notifications” (SMS) setting must be on.

Refer to Communication Settings on page 2-81.

Select **Read** and display the message.

#### (Method 2)

1. Select the  icon on the home screen to display the Communication screen.
2. Select **Notifications** and display the new message list for E-mail and SMS.
3. Select the message you would like to display.

The following icons are displayed in the lower part of the details on the message. Icons which can be used differ depending on use conditions.

Icon	Function
	Displays the Communication menu.
	Displays the inbox.
	Plays back a message. When selected again, playback is temporarily stopped.
	Displays the previous message.
	Displays the next message.
	Only replies to the sender of the currently displayed message. Select the sentence on the displayed reply screen and select the sentence for sending from the preset message. Select <b>Send</b> .
	<b>(Only E-mail)</b> Replies to all members including CC. Select the sentence on the displayed reply screen and select the sentence for sending from the preset message. Select <b>Send</b> .
	Makes a call to a person who sent a message. For E-mail, this function may not work depending on the device.
	Deletes a message. The messages stored in a device is also deleted.

**NOTE**

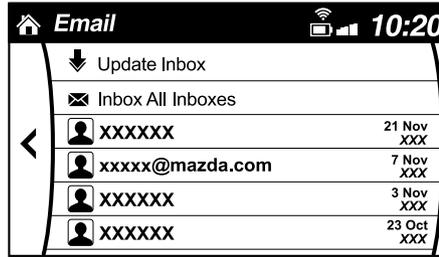
*Up to three preset messages can be selected.*

# Communication

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## Example of use (verify unread E-mail)

1. Select the  icon on the home screen to display the Communication screen.
2. Select **Email** to display the inbox.



3. Select the unread message displayed in bold.
4. The details of the message are displayed and replying to the message, making a call, or playback can be performed.

## Changing account for displaying (E-mail only)

1. Select **Inbox**.
2. Select the account which you would like to display. Only the messages for the selected account are displayed in the inbox.

## Editing preset messages

1. Select the  icon on the home screen to display the Communication screen.
2. Select **Settings**.
3. Select **Edit Preset Messages**.
4. Select the preset message which you would like to edit. The keyboard screen is displayed.
5. When the message is input and  is selected, the message is stored as a preset message.

## NOTE

- Select the  icon to change the language.
- Select the  icon to switch between capitalized and lower-case characters.
- Select the  icon to return to the previous screen without storing the edit.

## ▼ Communication Settings

Select the  icon on the home screen to display the Communication screen.

Select **Settings** to change the setting.

Item	Setting	Function
Bluetooth®	—	Go to Bluetooth® setting menu. Refer to Bluetooth® Preparation on page 2-93.
Incoming Call Notifications	On/Off	Notifies when an incoming call is received.
Auto Download Text Message	On/Off	Downloads SMS automatically when the Bluetooth® unit is connected to the device.
Text Notifications	On/Off	Notifies when a new SMS is received.
Auto Download Email*1	On/Off	Downloads E-mail automatically when the Bluetooth® unit is connected to the device.
Email Notifications	On/Off	Notifies when a new Email is received.
Auto Download Call History	On/Off	Downloads Call History automatically when the Bluetooth® unit is connected to the device.
Auto Download Contacts*1	On/Off	Downloads the phonebook automatically when the Bluetooth® unit is connected to the device.
Ringtone	Car/Phone/Off	The type of ring tone can be changed. Three selections are available including the standard ring tone set on the vehicle, the ring tone registered to your Bluetooth® device, or no ring tone.
Phone Volume	Adjusts using the slider.	Adjusts the conversation volume.
VR and Ringtone	Adjusts using the slider.	Adjusts the voice guidance and ringtone volume.
Contacts Display Order	First Name, Last Name	Displays the contact information in alphabetical order of the first name.
	Last Name, First Name	Displays the contact information in alphabetical order of the last name.
Edit Preset Messages	—	Edits the preset message. Refer to Receiving and Replying to Messages (available only with E-mail/SMS compatible phones) on page 2-77.
Emergency Assistance Call	On/Off	Mobile Utilizes the Automatic 911 dialing function.
Restore Factory settings	—	Initializes all Communication Settings.

\*1 Depending on the device, it may be necessary to acquire download permission on the device side.

## Navigation

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### Navigation

The navigation system (vehicles with navigation system) can only be used when the SD card for the navigation system is inserted.

If the SD card for the navigation system is not inserted, the compass indicating the direction in which the vehicle is moving is displayed. The compass may not indicate the correct bearing when the vehicle is stopped or traveling at a slow speed.

For the navigation system operation, refer to the navigation system manual.

## Changeable System Settings/Equipment List

Your vehicle has systems and equipment with settings that you can change to operate according to your preferences.

Consult an Authorized Mazda Dealer for details.

### **NOTE**

- *Settings which can be changed differ depending on the vehicle specification.*
- *Depending on the function, some settings linked to other functions cannot be changed.*
- *The content of setting changes due to updates to the vehicle software may change without notice.*
- *For setting changes on vehicles not equipped with Mazda Connect, consult an Authorized Mazda Dealer.*

### **Safety Equipment**

- Advanced Smart City Brake Support (Advanced SCBS)
- Smart City Brake Support [Forward] (SCBS F)
- Smart City Brake Support Reverse (SCBS R)
- Smart Brake Support (SBS)
- Lane-keep Assist System (LAS) & Lane Departure Warning System (LDWS)
- Blind Spot Monitoring (BSM)
- Distance Recognition Support System (DRSS)
- Driver Attention Alert (DAA)
- Traffic Sign Recognition System (TSR)
- 360°View Monitor
- Parking sensor system

## Settings

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### Vehicle Equipment

- Illuminated entry system
- Rain Sensing Wiper
  - Auto-wiper control
- Lighting
  - Auto headlight off
  - Auto-light control
  - High Beam Control System (HBC)
  - Adaptive Front Lighting System (AFS)
  - Lights-on reminder
  - Coming home light
  - Leaving home light
  - Ambient lights
- Turn signals
  - Turn signal indicator
  - Three-flash turn signal
- Door locks
- Keyless entry system
- Advanced keyless entry system

### Other Equipment/Functions

- Active Driving Display
- Fuel Economy Monitor
- Display
- Sound quality
- Clock
- Devices
- Each system
- Daytime running lights
- Rear window defogger

## Safety Equipment

### Setting change method

1. Select  on the home screen and display the setting screen.
2. Switch the tab to [Safety] and select the setting item you want to change.

Function and how it can be changed	
<b>Advanced Smart City Brake Support (Advanced SCBS)</b>	
<b>Smart City Brake Support [Forward] (SCBS F)</b>	
<b>Smart City Brake Support [Reverse] (SCBS R)</b>	
<b>Smart Brake Support (SBS)</b>	
The system can be changed so that Smart City Brake Support (SCBS)/Smart Brake Support (SBS) does not operate.*1	On/Off
The distance at which the collision warning activates can be changed.	Far/Med./Near
The volume of the collision warning can be changed.	High/Low/Off
<b>Lane-keep Assist System (LAS) &amp; Lane Departure Warning System (LDWS)</b>	
The system can be changed so that the steering wheel assist does not operate.	On/Off
The sensitivity of the warning for the Lane-keep Assist System (LAS) & Lane Departure Warning System (LDWS) can be changed.	High/Low
When the steering wheel operation assistance is turned on	The system can be changed so that the Lane Departure Warning does not activate. On/Off
When the steering wheel operation assistance is turned off	The warning timing in which the system determines that the vehicle may be deviating from its lane can be changed. At/Before
	The sensitivity of the warning for the system can be changed. Often/Rare
The type of Lane-keep Assist System (LAS) & Lane Departure Warning System (LDWS) warning can be changed. Vibration/Beep/Rumble	
The warning intensity/volume of the system can be changed.	Vibration High/Low
	Rumble High/Mid/Low
	Beep High/Low
<b>Blind Spot Monitoring (BSM)</b>	
The system can be changed so that Blind Spot Monitoring (BSM) does not operate.*1	On/Off
Warning beep volume*2	High/Low/Off

## Settings

Function and how it can be changed	
<b>Distance Recognition Support System (DRSS)</b>	
The system can be changed so that Distance Recognition Support System (DRSS) does not operate.*1	On/Off
The distance at which the vehicle ahead and your vehicle indicated in the display flashes in white can be changed.	Far/Med./Near
<b>Driver Attention Alert (DAA)</b>	
The system can be changed so that Driver Attention Alert (DAA) does not operate.*1	On/Off
<b>Traffic Sign Recognition System (TSR)*3</b>	
The Traffic Sign Recognition System (TSR) can be set to inoperable.*1	On/Off
The warning pattern of the excessive speed warning can be changed.	Off/Visual/Audio & Visual
The activation timing for the excessive speed warning can be changed.	+0 km/h (+0 mph)/+5 km/h (+5 mph)/+10 km/h (+10 mph)
<b>360°View Monitor</b>	
Setting can be changed so that the 360° view monitor is automatically displayed when the ignition is switched to ON.	On/Off
Setting can be changed so that the display of the estimated forward line of progress is not displayed.	On/Off
Setting can be changed so that the top view/front view displayed while the vehicle is moving in the forward direction after reversing is not displayed.	On/Off
<b>Parking sensor system</b>	
Display*4/non-display	On/Off

\*1 Though these systems can be turned Off, doing so will defeat the purpose of the system and Mazda recommends that these systems remain On.

\*2 Only the volume of the warning beep during Blind Spot Monitoring (BSM) operation can be changed. The volume of the warning beep during Rear Cross Traffic Alert (RCTA) operation cannot be changed.

\*3 This system functions only when the navigation system is functioning.

\*4 When the ultrasonic sensors detect an obstruction, the contents indicated on the center display switches to the 360°View Monitor.

## Vehicle Equipment

### Setting change method

1. Select  on the home screen and display the setting screen.
2. Switch the tab to [Vehicle] and select the setting item you want to change.

Function and how it can be changed		
Illuminated entry system	Time until interior lights turn off after closing door	60 seconds/30 seconds/15 seconds/7.5 seconds
	Time until interior lights turn off automatically when any door is not closed completely	60 minutes/30 minutes/10 minutes
Rain Sensing Wiper	<b>Auto-wiper control</b>	
	Operational/non-operational	On/Off*1
Lighting	<b>Auto headlight off*2</b>	
	Time until headlights turn off	120 seconds/90 seconds/60 seconds/30 seconds/Off*3
	<b>Auto-light control</b>	
	Timing by which lights turn on	Low/Med. Low/Medium/Med. High/High
	<b>High Beam Control System (HBC)</b>	
	Operational/non-operational*4	On/Off
	<b>Adaptive Front Lighting System (AFS)</b>	
	Operational/non-operational*4	On/Off
	<b>Lights-on reminder*5</b>	
	Warning beep volume	High/Low/Off
	<b>Coming home light</b>	
	Time until headlights turn off	120 seconds/90 seconds/60 seconds/30 seconds/Off
	<b>Leaving home light</b>	
	Operational/non-operational	On/Off
	<b>Ambient lights</b>	
Ambient lights brightness*6	Bright/Medium/Dim/Off	
Turn signals	<b>Turn signal indicator</b>	
	Beep volume	High/Low
	<b>Three-flash turn signal</b>	
	Operational/non-operational	On/Off

## Settings

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- \*1 If the auto-wiper control is set to Off, the wiper lever **AUTO** position is set to intermittent operation.
- \*2 If the setting is changed to Off, the following operation is performed according to the headlight switch position:
- At **AUTO** position: Headlights turn off immediately after the ignition is switched off.
  - At any position other than **AUTO**: Headlights on/off conditions vary according to the headlight switch position.
- \*3 When set to Off, the lights-on reminder is operable.
- \*4 Though these systems can be turned Off, doing so will defeat the purpose of the system and Mazda recommends that these systems remain On.
- \*5 The lights-on reminder settings can be changed at anytime, however, the lights-on reminder only operates when the auto headlight function is set to Off.
- \*6 Change the ambient light illumination level with the parking lights or headlights turned on.

### Door locks

#### Method for changing the auto lock/unlock functions using the door-lock switch

#### **NOTE**

- Function number 3 in the following table is the factory setting for your vehicle.
- There are only a total of six auto lock/unlock settings available for automatic transaxle vehicles, and three for manual transaxle vehicles. Be sure to press the unlock side of the door-lock switch the correct number of times according to the selected function number. If the switch is mistakenly pressed seven times on an automatic transaxle vehicle or four times on a manual transaxle, the procedure will be cancelled. If this occurs, start the procedure from the beginning.

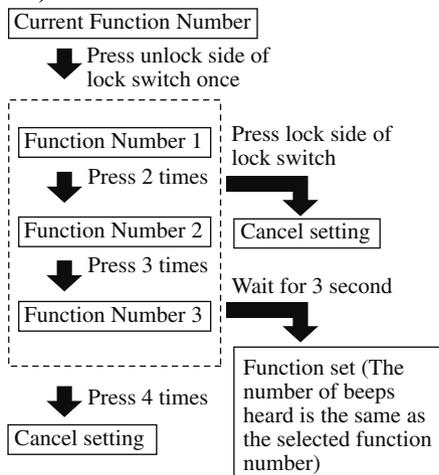
Function number	Function*1
1	The auto door-lock function is disabled.
2	All the doors lock automatically when the vehicle speed is about 20 km/h (12 mph) or more.
3 (Factory Setting)	All the doors lock automatically when the vehicle speed is about 20 km/h (12 mph) or more. All the doors unlock when the ignition is switched from ON to Off.
4	<b>(Automatic transaxle vehicles only)</b> When the ignition is switched ON and the selector lever is shifted from park (P) to any other gear position, all the doors lock automatically.
5	<b>(Automatic transaxle vehicles only)</b> When the ignition is switched ON and the selector lever is shifted from park (P) to any other gear position, all the doors lock automatically. When the selector lever is shifted to park (P) while the ignition is switched ON, all the doors unlock automatically.

Function number	Function*1
6	<p><b>(Automatic transaxle vehicles only)</b>                      All the doors lock automatically when the vehicle speed is about 20 km/h (12 mph) or more.                      When the selector lever is shifted to park (P) while the ignition is switched ON, all the doors unlock automatically.</p>

\*1 Other settings for the auto door lock function are available at an Authorized Mazda Dealer. For details consult an Authorized Mazda Dealer

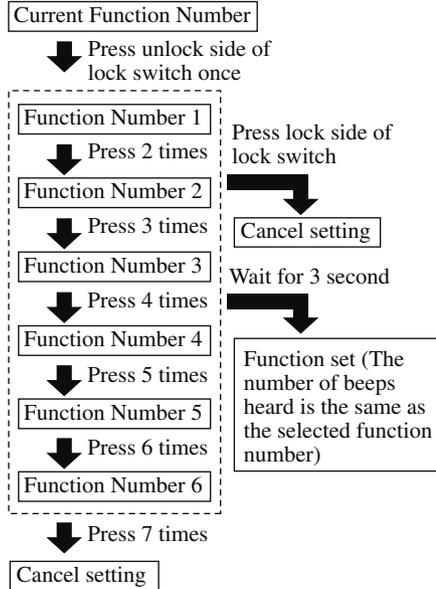
1. Safely park the vehicle. All doors must remain closed.
2. Switch the ignition ON.
3. Press and hold the lock side of the driver's door-lock switch within 20 seconds of switching the ignition ON, and make sure a beep sound is heard about eight seconds afterwards.
4. Refer to the auto lock/unlock function setting table, determine the function number for the desired setting. Press the unlock side of the driver's door-lock switch the same number of times as the selected function number (Ex. If you select function 2, press the unlock side of the switch only 2 times).
5. Three seconds after the function setting has been changed, a beep sound will beep in the amount of the selected function number. (Ex. Function number 3 = 3 beep sounds)

**(Manual transaxle vehicles)**



# Settings

## (Automatic transaxle vehicles)



## Method for changing functions using the center display

1. Select  on the home screen and display the setting screen.
2. Switch the tab to [Vehicle] and select the setting item you want to change.

Function and how it can be changed	
<b>Door locks</b>	
Operation condition of auto lock/unlock function	Lock: Out of Park Unlock: In Park/ Lock: Shifting Out of Park/ Lock: When Driving Unlock: In Park/ Lock: When Driving Unlock: IGN Off/ Lock: When Driving/ Off
Hands-Free Liftgate	ON/OFF

### **Keyless entry system**

#### **Method for changing the unlock functions using the key**

1. Switch the ignition off and close all of the doors and the trunk lid.
2. Open the driver's door.
3. Within 30 seconds of opening the driver's door, press and hold the UNLOCK button on the key for 5 seconds or longer (the sound of the doors locking/unlocking can be heard). After this, the system switches the setting of pressing the driver's request switch once or twice to unlock all doors each time the UNLOCK button is pressed (the sound of the doors locking/unlocking can be heard).
4. The setting change is completed by doing any one of the following:
  - Switching the ignition to ACC or ON.
  - Closing the driver's door.
  - Opening the trunk lid.
  - Not operating the key for ten seconds.
  - Pressing any button except the UNLOCK button on the key.
  - Pressing a request switch.

#### **Method for changing functions using the center display**

1. Select  on the home screen and display the setting screen.
2. Switch the tab to [Vehicle] and select the setting item you want to change.

Function and how it can be changed	
<b>Keyless entry system</b>	
Method for unlocking door using transmitter	All Doors: Once/Driver's: Once, All Doors: Twice
Time for locking door automatically	90 seconds/60 seconds/30 seconds

### **Advanced keyless entry system**

#### **Method for changing the unlock functions using the key**

1. Switch the ignition off and close all of the doors and the trunk lid.
2. Open the driver's door.
3. Within 30 seconds of opening the driver's door, press and hold the UNLOCK button on the key for 5 seconds or longer (the sound of the doors locking/unlocking can be heard). After this, the system switches the setting of pressing the driver's request switch once or twice to unlock all doors each time the UNLOCK button is pressed (the sound of the doors locking/unlocking can be heard).

## Settings

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4. The setting change is completed by doing any one of the following:

- Switching the ignition to ACC or ON.
- Closing the driver's door.
- Opening the trunk lid.
- Not operating the key for ten seconds.
- Pressing any button except the UNLOCK button on the key.
- Pressing a request switch.

### How to change the volume of the door lock/unlock beep sound

1. Switch the ignition off and close all of the doors and the trunk lid.
2. Open the driver's door.
3. Within 30 seconds of opening the driver's door, press and hold the LOCK button on the key for 5 seconds or longer. (All of the doors and the liftgate are locked and unlocked when the LOCK button on the key is pressed and held for 5 seconds.)

The beep sound activates at the currently set volume. The setting changes each time the LOCK button on the key is pressed and the beep sound activates at the set volume. (If the beep sound has been set to not activate, it will not activate.)

4. The setting change is completed by doing any one of the following:

- Switching the ignition to ACC or ON.
- Closing the driver's door.
- Opening the trunk lid.
- Not operating the key for ten seconds.
- Pressing any button except the LOCK button on the key.
- Pressing a request switch.

### Method for changing functions using the center display

1. Select  on the home screen and display the setting screen.
2. Switch the tab to [Vehicle] and select the setting item you want to change.

Function and how it can be changed	
<b>Advanced keyless entry system</b>	
Method for unlocking door using transmitter	All Doors: Once/Driver's: Once, All Doors: Twice
Time for locking door automatically	90 seconds/60 seconds/30 seconds
Walk-away auto lock function operation/ non-operational	ON/OFF
Beep volume when locking/unlocking	High/Medium/Low/Off

## Other Equipment/Functions

### Active Driving Display

#### Method for changing functions using the center display

1. Select  on the home screen and display the setting screen.
2. Switch the tab to [AD-Disp] and select the setting item you want to change.

Function and how it can be changed	
<b>Active Driving Display</b>	
Setting can be changed so that the Active Driving Display is not displayed.	ON/OFF
The display height (up/down position) can be changed.	-13—0—+13 (total: 27 steps)
The method for adjusting the display brightness (automatically/manually) can be changed.	Auto/Man.
The standard brightness while automatic adjustment is selected can be changed using the brightness adjustment.	-2—0—+2 (total: 5 steps)
The standard brightness while manual adjustment is selected can be changed using the brightness adjustment.	-20—0—+20 (total: 41 steps)
The display angle can be changed.	-3—0—+3 (total: 7steps)
The street name display timing can be changed.	Always/At Maneuver/Off
Display/non-display of the navigation guidance	ON/OFF/ Adaptive Lane/Street/Turn/ Lane Guidance & Turn-by-Turn/ Street Name & Turn-by-Turn

### Fuel Economy Monitor

#### Method for changing functions using the center display

1. Select  on the home screen to display the application screen.
2. Select the [Fuel Economy Monitor].
3. Select  to display the Menu screen.
4. Select  on the screen and select the setting item you want to change.

Function and how it can be changed	
<b>Fuel Economy Monitor</b>	
Display/non-display of ending display	ON/OFF

## Settings

Function and how it can be changed	
Link/non-link with fuel economy reset and trip-meter (TRIP A)*	ON/OFF

### Display

#### Method for changing functions using the center display

1. Select  on the home screen and display the setting screen.
2. Switch the tab to [Display] and select the setting item you want to change.

Function and how it can be changed	
<b>Screen setting</b>	
Turn Display Off	ON/OFF
Turn Display Off and Show Clock	ON/OFF
Mode	Auto/Day/Night
Brightness	-5—0—+5
Contrast	-5—0—+5

#### Turn Display Off

When you select **Turn Display Off**, the display turns off.

#### Turn Display Off and Show Clock

When you select **Turn Display Off and Show Clock**, the screen turns off and the clock is displayed.

#### Auto/Day/Night

**Auto** :

(With auto-light control)

Switches screen automatically according to parking lights illumination condition. However, when the light sensor detects that the surrounding area is bright such as when the parking lights are turned on in the daytime, the screen is switched to the daytime screen\*<sup>1</sup>

(Without auto-light control)

Switches screen automatically according to parking lights illumination condition.\*<sup>1</sup>

**Day** : Daytime screen setting

**Night** : Nighttime screen setting

\*<sup>1</sup> The display is constantly on daytime screen when the illumination dimmer is cancelled.

### Sound quality

#### Method for changing functions using the center display

1. Select  on the home screen and display the setting screen.

2. Switch the tab to [Sound] and select the setting item you want to change.

Function and how it can be changed	
<b>Sound quality</b>	
Bass (Low pitch sound)	-6—0—+6 (-Side: Low pitch reduction、 +Side: Low pitch enhancement)
Treble (Treble sound)	-6—0—+6 (-Side: Treble reduction、 +Side: Treble enhancement)
Fade (Front/Rear volume balance)	Front: Front speaker volume enhancement Rear: Rear speaker volume enhancement
Balance (Left/right volume balance)	Right: Right speaker volume enhancement Left: Left speaker volume enhancement
Guidance Volume (Volume adjustment during route guidance on navigation screen)	Left: Low volume Right: High volume
ALC* <sup>1</sup> (Automatic volume adjustment)	0—7 (Adjustment at seven levels)
Bose Centerpoint* <sup>2</sup> (Surround technology)	ON/OFF
Bose AudioPilot* <sup>2</sup> (Noise compensation technology)	ON/OFF
Beep (Audio operation sound)	ON/OFF

\*1 Standard audio

\*2 Bose sound system

### **ALC (Automatic volume adjustment)**

The automatic level control (ALC) is a feature that automatically adjusts audio volume according to the vehicle speed. The volume increases in accordance with the increase in vehicle speed, and decreases as vehicle speed decreases.

### **Bose Centerpoint (Surround technology)**

Centerpoint\*<sup>1</sup> lets vehicle owners enjoy a Bose surround sound experience.

Specifically engineered to meet the unique demands of reproducing surround sound in a vehicle.

Converts stereo signals to multiple channels allowing greater precision when reproducing the sound.

An enhanced algorithm to simultaneously create a wider, more spacious sound field.

### **Bose AudioPilot (Noise compensation technology)**

When driving, background noise can interfere with enjoying music.

AudioPilot noise compensation technology continuously adjusts the music to compensate for background noise and vehicle speed.

It reacts only to sustained noise sources and not intermittent ones, such as speed bumps.

An enhanced DSP algorithm allows faster and more effective compensation for unusual situations, such as driving on a very rough road or at high speeds.

## Settings

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\*1 Centerpoint is a registered trademark of Bose Corporation.

### Clock

#### Method for changing functions using the center display

1. Select  on the home screen and display the setting screen.
2. Switch the tab to [Clock] and select the setting item you want to change.

Function and how it can be changed	
<b>Clock</b>	
Adjust Time	The time can be adjusted when the GPS sync function is turned off. Press + to advance the hour/minute, and select - to move the hour/minute back. AM/PM can only be selected with the 12-hour clock display.
GPS Sync	ON/OFF
Time Format	12h/24h
Time Zone Select	When it's not synchronized with GPS, select the region you want to specify.
Daylight Savings Time	Turns the daylight saving time setting on/off. When ON, the time advances 1 hour. When OFF, it returns to normal time.

### Devices

#### Method for changing functions using the center display

1. Select  on the home screen and display the setting screen.
2. Switch the tab to [Devices] and select the setting item you want to change.

### **Bluetooth®**

#### Device pairing

To use Bluetooth® audio and Hands-Free, the device equipped with Bluetooth® has to be paired to the unit using the following procedure. A maximum of 7 devices including Bluetooth® audio devices and hands-free mobile phones can be paired.

**NOTE**

- The Bluetooth® system may not operate for 1 or 2 minutes after the ignition is switched to ACC or ON. However, this does not indicate a problem. If the Bluetooth® system does not connect automatically after 1 or 2 minutes have elapsed, make sure that the Bluetooth® setting on the device is normal and attempt to reconnect the Bluetooth® device from the vehicle side.
- If Bluetooth®-enabled devices are used in the following locations or conditions, connection via Bluetooth® may not be possible.
  - The device is in a location hidden from the center display such as behind or under a seat, or inside the glove compartment.
  - The device contacts or is covered by a metal object or body.
  - The device is set to power-saving mode.

**(Pairing Procedure)**

1. Select the  icon on the home screen to display the Settings screen.
2. Select the **Devices** tab.
3. Select **Bluetooth**.
4. Turn the Bluetooth® setting on.
5. Select **Add New Device** to display the message and switch to the device operation.
6. Using your device, perform a search for the Bluetooth® device (Peripheral device).
7. Select “Mazda” from the device list searched by the device.
8. **(Device with Bluetooth® version 2.0)**  
Input the displayed 4-digit pairing code into the device.
- (Device with Bluetooth® version 2.1 or higher)**  
Make sure the displayed 6-digit code on the audio is also displayed on the device, and touch the **Yes**.
- Connection permission and phonebook access permission for your mobile device may be required depending on the mobile device.
9. If pairing is successful, the functions of the device connected to Bluetooth® are displayed.
10. **(Devices compatible with Mazda E-mail / SMS function)**  
SMS (Short Message Service) messages, and E-mail for the device are downloaded automatically. A download permission operation for your device may be required depending on the device.

## Settings

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### NOTE

- When Call history and messages are downloaded automatically, each automatic download setting must be on.

Refer to Communication Settings on page 2-81.

After a device is registered, the system automatically identifies the device. By activating Bluetooth® Hands-Free again, or by activating Bluetooth® Hands-Free first after switching the ignition from OFF to ACC, the device connection condition is indicated in the center display.

### IMPORTANT note about pairing and automatic reconnection:

- **If pairing is redone on the same mobile phone device, first clear “Mazda” displayed on the Bluetooth® setting screen of the mobile device.**
- When the OS of the device is updated, the pairing information may be deleted. If this happens, reprogram the pairing information to the Bluetooth® unit.
- Before you pair your device, make sure that Bluetooth® is “ON”, both on your phone and on the vehicle.

### Device selection

If several devices have been paired, the Bluetooth® unit links the device last paired. If you would like to link a different paired device, it is necessary to change the link. The order of device priority after the link has been changed is maintained even when the ignition is switched off.

#### (Connecting other devices)

1. Select the  icon on the home screen to display the Settings screen.
2. Select the **Devices** tab.
3. Select **Bluetooth**.
4. Turn the Bluetooth® setting on.
5. Select the name of the device you would like to connect.

6. **Phone and Audio** selection

Connects both devices as hands-free and Bluetooth® audio.

**Phone Only** selection

Connects as a hands-free device.

**Audio Only** selection

Connects as Bluetooth® audio.

### NOTE

The following functions can be used for the Hands-free or audio.

- Hands-free: Phone calls and E-mail/SMS
- Audio: Bluetooth® audio, Pandora®, Aha™, Stitcher™ radio

### **(Disconnecting a device)**

1. Select the  icon on the home screen to display the Settings screen.
2. Select the **Devices** tab.
3. Select **Bluetooth**.
4. Turn the Bluetooth® setting on.
5. Select the device name which is currently connected.
6. Select **Disconnect**.

### **Deleting a device**

#### **(Selecting and deleting devices)**

1. Select the  icon on the home screen to display the Settings screen.
2. Select the **Devices** tab.
3. Select **Bluetooth**.
4. Turn the Bluetooth® setting on.
5. Select the device name which you would like to delete.
6. Select **Unpair This Device**.
7. Select **Yes**.

#### **(Deleting all devices)**

1. Select the  icon on the home screen to display the Settings screen.
2. Select the **Devices** tab.
3. Select **Bluetooth**.
4. Select **Custom Settings**.
5. Select **Unpair All Paired Devices**.
6. Select **Yes**.

### **Changing PIN code**

PIN code (4 digits) can be changed.

1. Select the  icon on the home screen to display the Settings screen.
2. Select the **Devices** tab.
3. Select **Bluetooth**.
4. Select **Custom Settings**.
5. Select **Change Pairing Code**.
6. Input the new PIN code to be set.
7. Select **✓**.

# Settings

## Android Auto™/Apple CarPlay™

Function and how it can be changed	
<b>Devices</b>	
Apple CarPlay	<p><b>(If Apple CarPlay™ does not support wireless connection)*</b> An Apple CarPlay™ connection can be set on or off when connecting an iPhone®. For the setting to take effect, it is necessary to connect the iPhone® again. Displays in gray and cannot be selected if an iPhone® is not connected.</p> <p><b>(If Apple CarPlay™ supports wireless connection)*</b> Displays a list of the devices registered to Apple CarPlay™. Devices can be registered and edited.</p>
Android Auto	<p>An Android Auto™ mode connection can be set on or off when connecting an Android™ Smartphone. The setting takes effect directly after switching on/off. Displays in gray and cannot be selected if an Android™ Smartphone is not connected.</p>
Wi-Fi	<p>Wi-Fi™ is used to make a wireless connection with Apple CarPlay™.</p> <p><b>(If Apple CarPlay™ supports wireless connection)*</b> If Apple CarPlay™ is used using the USB connection only, turn off the Wi-Fi™.</p>

## Each system

### Method for changing functions using the center display

1. Select  on the home screen and display the setting screen.
2. Switch the tab to [System] and select the setting item you want to change.

Function and how it can be changed	
<b>System setting/information</b>	
Tool Tips	ON/OFF
VR Examples	When this function is ON and the talk button of the audio remote control switch is pressed, voice command examples are displayed. When the function is OFF, they are not displayed.
Language*1	English/Depends on market
Temperature	° F/° C
Distance	mi/km

Function and how it can be changed		
Music Database Update	Used to update Gracenote®. Gracenote® is used with USB Audio and Bluetooth® Audio, and provides: <ul style="list-style-type: none"> <li>• Supplemental music information (Such as song name, artist name)</li> <li>• Voice recognition assistance for Play Artist and Play Album</li> </ul>	
Restore All Factory Settings	Memory and settings are initialized to the factory settings. The initialization launches by selecting the <b>Yes</b> button.	
About	Agreements and Disclaimers	Verify the disclaimer and agree.
	Version Information	Can verify the current audio unit OS version and Gracenote® Database version.

\*1 Available only in display from the center display.

### **Daytime running lights**

If you want to change the daytime running lights setting, please consult an Authorized Mazda Dealer.

Function and how it can be changed	
<b>Daytime running lights</b>	
Operational/non-operational	ON/OFF

### **Rear window defogger**

If you want to change the rear window defogger setting, please consult an Authorized Mazda Dealer.

Function and how it can be changed	
<b>Rear window defogger</b>	
Operation time	15 minutes/Continuous*1

\*1 The operation may stop in 15 minutes due to the effect of the outside temperature even if the operation time of the rear window defogger has been changed to Continuous.

# MEMO

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# 3

## Trouble

Taking action such as when functions cannot be set or other problems arise

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Troubleshooting.....	3-2

# Troubleshooting

## Troubleshooting

### SiriusXM® use-related issues\*

Symptom	Cause	Solution method
SiriusXM® loads slowly.	Since SiriusXM Travel Link® receives data from geo-synchronous satellites and the data is transmitted at preset intervals. When the system is loading the SiriusXM® data in the background, There may be occasions when the SiriusXM® function is waiting on data before it can be accessed.	Allow time for SiriusXM Travel Link® to complete the loading of the SiriusXM® data.

### Apple CarPlay™ use-related issues

Symptom	Cause	Solution method
Apple CarPlay™ cannot launch even though an Apple®-genuine connector cord is inserted into the USB port and it is connected to my iPhone®.	You used the wrong USB port.	Use the USB port displaying the  mark to start Apple CarPlay™.
The error message, “Mobile device error” is displayed after connecting my iPhone® to the USB port.	There is mis-communication between the vehicle's audio system and your iPhone®.	Disconnect the connector cord from the USB port once and then reconnect it.
The icon of the application I want to use is not displayed on the home screen of Apple CarPlay™.	Only applications compatible with Apple CarPlay™ are displayed on the screen.	Contact the application's supplier.
Voice recognition using Siri® is poor or incorrect for commands or contact names.	There are many possible reasons for this such as: 1. Poor network connectivity 2. Road noise/sound of air blowing from air conditioner 3. Incorrect iPhone® language setting	1. Use the commander switch to complete the task or wait until there is sufficient network connectivity before using Siri® again. 2. For better voice recognition, speak loud and clear. 3. Make sure that the iPhone® language is set correctly (Example: US English vs UK English). If you are still having difficulty using Siri®, visit the Apple® support site or contact Apple®.
There is a difference in the audio volume between Bluetooth® audio and Apple CarPlay™.	—	Check the volume of the audio on the device connected via Bluetooth®. The volume on some devices connected via Bluetooth® can be adjusted.

# Troubleshooting

Symptom	Cause	Solution method
Apple CarPlay™ cannot be accessed using the wireless connection.	<p>There are many possible reasons for this such as:</p> <ul style="list-style-type: none"> <li>• The iPhone® setting has been canceled.</li> <li>• The iPhone® is connected to the USB port and playing music.</li> </ul>	<p>Set up the wireless connection using the following procedure.</p> <ol style="list-style-type: none"> <li>1. Check the iPhone® settings (Wi-Fi™/Apple CarPlay™/Bluetooth® settings).</li> <li>2. Select the iPhone® and connect it manually. If it cannot be connected, register the device again. Refer to Switching to Apple CarPlay™ on page 2-10.</li> </ol>
	<p>Only the Bluetooth® device registration has been done, and the Apple CarPlay™ wireless connection registration has not been completed.</p>	<p>Delete the device from the audio unit and the iPhone®, and register the device again. Refer to Switching to Apple CarPlay™ on page 2-10.</p>
The entertainment source has been switched to Apple CarPlay™.	<p>If you operate the iPhone® connected to Apple CarPlay™, the audio may switch to Apple CarPlay™.</p>	<p>If you want to use an entertainment source other than Apple CarPlay™ when operating your iPhone®, disconnect Apple CarPlay™. Refer to Switching to Apple CarPlay™ on page 2-10.</p>
The iPhone®Wi-Fi™ function cannot be used.	<p>The iPhone® is using the wireless connection to Apple CarPlay™.</p>	<p>Cancel the Apple CarPlay™ wireless connection using the audio unit setting or iPhone® setting. Refer to Switching to Apple CarPlay™ on page 2-10.</p>
Apple CarPlay™ is not disconnected even if the USB cable is disconnected.	<p>Depending on the iPhone® connection status, the wireless connection may be made even if the USB cable is connected.</p>	<p>Cancel the Apple CarPlay™ wireless connection using the audio unit setting or iPhone® setting. Refer to Switching to Apple CarPlay™ on page 2-10.</p>
There is no sound.	<p>If the connection is disconnected during music playback using Apple CarPlay™, the audio source selection will be unselected and the vehicle's audio device will be muted.</p>	<p>Select the audio source from the entertainment menu.</p>
When an iPhone® is not used for Apple CarPlay™ and is used as a Bluetooth® audio device, playback cannot be performed smoothly.	<p>The iPhone® is trying to connect to Apple CarPlay™.</p>	<p>If Apple CarPlay™ is not used, cancel the Apple CarPlay™ wireless connection using the audio unit setting or iPhone® setting. Refer to Switching to Apple CarPlay™ on page 2-10.</p>

# Troubleshooting

Symptom	Cause	Solution method
When using an iPhone® as a Bluetooth® audio device, the iPhone® connection unexpectedly switches to the Apple CarPlay™ connection.	The iPhone® is connected to Apple CarPlay™.	If Apple CarPlay™ is not used, cancel the Apple CarPlay™ wireless connection using the audio unit setting or iPhone® setting. Refer to Switching to Apple CarPlay™ on page 2-10.

## Android Auto™ use-related issues

Symptom	Cause	Solution method
The Android Auto™ mode does not launch even though the Android™-genuine connector cord is inserted into the USB port and it is connected to my Android™ Smartphone.	The Android Auto™ application has not been downloaded to your Android™ Smartphone.	To use Android Auto™ with your vehicle, the Android Auto™ application is required on your Android™ Smartphone. Download the Android Auto™ application from the Google Play™.
	You used the wrong USB port.	Use the USB port displaying the  mark to start the Android Auto™ mode.
The error message, “Mobile device error” is displayed after connecting my Android™ Smartphone to the USB port.	There is mis-communication between the vehicle's audio system and your Android™ Smartphone.	Disconnect the connector cord from the USB port once and then reconnect it.
	Your Android™ Smartphone cannot be paired because another device is connected via Bluetooth®.	Disconnect the other device's Bluetooth® connection, disconnect the connector cord of the Android™ Smartphone from the USB port once, and then reconnect it.
The icon of the application I want to use is not displayed on the home screen while in Android Auto™ mode.	Only applications compatible with Android Auto™ are displayed on the screen.	Contact the application's supplier.
<ul style="list-style-type: none"> <li>• Voice recognition is poor or incorrect.</li> <li>• Voice recognition responds slowly or it does not work.</li> </ul>	—	If you are having difficulty using the voice recognition, visit the Android Auto™ support site or contact Google™.
There is a difference in the audio volume between Bluetooth® audio and Android Auto™.	—	Check the volume of the audio on the device connected via Bluetooth®. The volume on some devices connected via Bluetooth® can be adjusted.

Symptom	Cause	Solution method
The Apple CarPlay™ wireless connection being used cannot be switched to the Android Auto™ connection.	<p>There are many possible reasons for this such as:</p> <ul style="list-style-type: none"> <li>• The Android™ Smartphone is connected in charging mode.</li> <li>• The Android Auto™ connection is conflicting with the Apple CarPlay™ wireless connection.</li> </ul>	Set up the connection to Android Auto™ according to the procedure [If Android Auto™ cannot be connected]. Refer to How to use the Android Auto™ mode on page 2-15.

**Mazda Bluetooth® Hands-Free Customer Service\***

If you have any problems with Bluetooth®, contact our toll-free customer service center.

• **U.S.A.**

Phone: 800-430-0153 (Toll-free)  
Web: [www.mazdausa.com/mazdaconnect](http://www.mazdausa.com/mazdaconnect)

• **Canada**

Phone: 800-430-0153 (Toll-free)  
Web: [www.mazdahandsfree.ca](http://www.mazdahandsfree.ca)

• **Mexico**

Center of Attention to Client (CAC)  
Phone: 01-800-01-MAZDA (Toll-free)  
Web: [www.mazdamexico.com.mx](http://www.mazdamexico.com.mx)

• **Germany**

Phone: 0800 4263 738 (8:00—18:00 Central European Time)

• **Europe (Except Germany)**

Phone: 00800 4263 7383 (8:00—18:00 Central European Time)

• **Worldwide**

+ 49 721 5099 8198 (8:00—18:00 Central European Time)  
Web:  
<http://www.mazdahandsfree.com>

• **Australia**

Phone: 1800-352-703 during business hours (10am—4pm Eastern Standard Time)  
Web: [www.mazda.com.au](http://www.mazda.com.au)

• **New Zealand**

Web: [www.mazdahandsfree.co.nz](http://www.mazdahandsfree.co.nz)

# Troubleshooting

## Bluetooth® Device pairing, connection problems

Symptom	Cause	Solution method
Unable to perform pairing.	—	Make sure that the Bluetooth® device is compatible with the Bluetooth® unit, and that Bluetooth® and Find Mode* <sup>1</sup> are on and the airplane mode is off in the Bluetooth® device setting. Turn off the power of the Bluetooth® device once, then turn it back on. Try connecting from the Bluetooth® device. If pairing is still not possible after this, contact an Authorized Mazda Dealer or Mazda Bluetooth® Hands-Free Customer Service*.
Pairing cannot be performed again.	The pairing information paired to the Bluetooth® unit or device is not recognized correctly.	Perform pairing using the following procedure: 1. Delete the applicable Bluetooth® device on the Mazda Connect. 2. Delete “Mazda” from the Bluetooth® search screen of the Bluetooth® device. 3. Perform pairing again. If pairing is not possible after trying the procedure, turn off the power of the Bluetooth® device once, then turn it back on. If pairing is still not possible after this, contact an Authorized Mazda Dealer or Mazda Bluetooth® Hands-Free Customer Service*.
It takes time for automatic connection.	There are a lot of paired Bluetooth® devices.	Delete the pairing information for unused Bluetooth® devices. If it takes time for an automatic connection even though the above operation has been done, do a manual connection.
Unable to perform pairing. Does not connect automatically when starting the engine. Automatically connects, but then disconnects suddenly.	The Bluetooth® function and the Find Mode/Visible setting* <sup>1</sup> on the device may turn off automatically after a period of time has elapsed depending on the device.	Check whether the Bluetooth® function and the Find Mode/Visible setting* <sup>1</sup> on the device are turned on and pairing or reconnect.

# Troubleshooting

Symptom	Cause	Solution method
Disconnects intermittently.	The device is in a location in which radio wave interference can occur easily, such as inside a bag in a rear seat, in a rear pocket of a pair of pants.	Move the device to a location in which radio wave interference is less likely to occur.
Does not connect automatically when starting the engine.	The pairing information is updated when the device OS is updated.	Perform pairing using the following procedure: 1. Delete the applicable Bluetooth® device on the Mazda Connect. 2. Delete “Mazda” from the Bluetooth® search screen of the Bluetooth® device. 3. Perform pairing again. If pairing is not possible after trying the procedure, turn off the power of the Bluetooth® device once, then turn it back on. If pairing is still not possible after this, contact an Authorized Mazda Dealer or Mazda Bluetooth® Hands-Free Customer Service*.

\*1 Setting which detects the existence of a device external to the Bluetooth® unit.

## NOTE

- When the OS of the device is updated, the pairing information may be deleted. If this happens, reprogram the pairing information to the Bluetooth® unit.
- If you pair your phone which has already been paired to your vehicle more than once in the past, you need to delete “Mazda” on your mobile device. Then, execute the Bluetooth® search on your mobile device once again, and pair to a newly detected “Mazda”.
- Before you pair your device, make sure that Bluetooth® is “ON”, both on your phone and on the vehicle.
- If Bluetooth®-enabled devices are used in the following locations or conditions, connection via Bluetooth® may not be possible.
  - The device is in a location hidden from the center display such as behind or under a seat, or inside the glove compartment.
  - The device contacts or is covered by a metal object or body.
  - The device is set to power-saving mode.

# Troubleshooting

- Different Bluetooth<sup>®</sup>-enabled devices can be used for Bluetooth<sup>®</sup> Hands-Free and Bluetooth<sup>®</sup> audio. For example, device A can be connected as a Bluetooth<sup>®</sup> Hands-Free device and device B can be connected as a Bluetooth<sup>®</sup> audio device. However, the following may occur when they are used at the same time.
  - The Bluetooth<sup>®</sup> connection of the device is disconnected.
  - Noise occurs in the Hands-Free audio.
  - Hands-Free operates slowly.

## Voice recognition related problems

Symptom	Cause	Solution method
Poor voice recognition.	<ul style="list-style-type: none"> <li>· Excessive, slow speech.</li> <li>· Excessive, forceful speech (shouting).</li> <li>· Speaking before the beep sound has ended.</li> <li>· Loud noise (speaking or noise from outside/inside vehicle).</li> <li>· Airflow from A/C is blowing against the microphone.</li> <li>· Speaking in off-standard expressions (dialect).</li> </ul>	Regarding the causes indicated on the left, be careful with how you speak. In addition, when numbers are spoken in a sequence, recognition ability will improve if no stop is placed between the numbers.
False recognition of numbers.		
Poor voice recognition.	There is a malfunction in the microphone.	A poor connection or malfunction with the microphone may have occurred. Consult an Authorized Mazda Dealer.
Phone-related voice recognition is disabled.	There is a problem with the connection between the Bluetooth <sup>®</sup> unit and the device.	If there is any malfunction after checking the pairing situation, check for device pairing or connection problems.
Names in the phonebook are not easily recognized.	The Bluetooth <sup>®</sup> system is under a condition in which recognition is difficult.	By carrying out the following measures, the rate of recognition will improve. <ul style="list-style-type: none"> <li>· Clear memory from the phonebook which is not used very often.</li> <li>· Avoid shortened names, use full names. (Recognition improves the longer the name is. By not using names such as “Mom”, “Dad”, recognition will improve.)</li> </ul>
When operating the audio, a song name is not recognized.	Song names cannot be recognized by voice.	—
You want to skip guidance.	—	Guidance can be skipped by quickly pressing and releasing the talk button.

**Regarding problems with calls**

Symptom	Cause	Solution method
When starting a call, vehicle noise from the other party can be heard.	For about 3 seconds after starting a call, the Bluetooth® unit's Noise Suppression function requires time to adapt to the call environment.	This does not indicate a problem with the device.
The other party cannot be heard or the speaker's voice is quiet.	The volume is set at zero or low.	Increase the volume.
The phone does not receive calls.	The "Incoming Call Notifications" setting in the Communication Settings is off.	Turn the "Incoming Call Notifications" setting on.

**Other problems**

Symptom	Cause	Solution method
The indication for the remaining battery is different between the vehicle and the device.	The indication method is different between the vehicle and the device.	—
When a call is made from the vehicle, the telephone number is updated in the incoming/outgoing call record but the name does not appear.	The number has not been registered into the phonebook.	If the number has been registered into the phonebook, the incoming/outgoing call record is updated by the name in the phonebook when the engine is restarted.
The cell phone does not synchronize with the vehicle regarding the incoming/outgoing call record.	Some types of cell phones do not synchronize automatically.	Operate the cell phone for synchronization.
It takes a long time to complete the function for changing the language.	A maximum of 60 seconds is required.	—

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