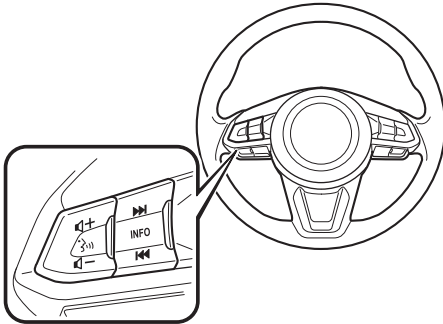


Before Using the Audio System

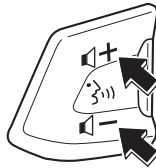
Audio Control Switch



▼ 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 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 the favorite radio 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 (◀◀, ▶▶).



USB Audio/Bluetooth® Audio

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.

Before Using the Audio System

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”.

AUX/USB

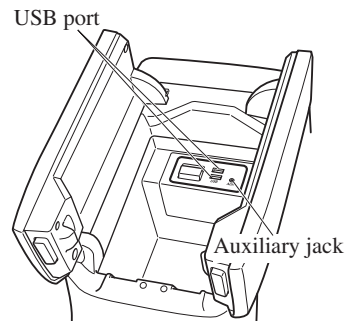
Audio can be heard from the vehicle's speakers by connecting a commercially-available portable audio unit to the auxiliary jack.

A commercially-available, non-impedance (3.5ϕ) stereo mini plug cable is required. Contact an Authorized Mazda Dealer for details.

In addition, audio can be played from the vehicle audio device by connecting a USB device to the USB port.

NOTE

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



- ① How to use AUX mode..... page 5-34
- ② How to use USB mode..... page 5-35

Before Using the Audio System

WARNING

Do not adjust the portable audio unit or a similar product while driving the vehicle:

Adjusting the portable audio unit 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 the portable audio unit or a similar product while the vehicle is stopped.

CAUTION

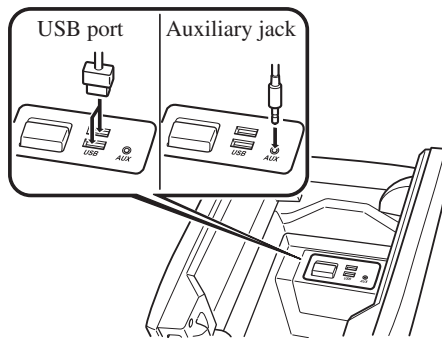
Depending on the portable audio device, noise may occur when the device is connected to the vehicle accessory socket. (If noise occurs, do not use the accessory socket.)

NOTE

- This mode may not be usable depending on the portable audio device to be connected.
- Before using the auxiliary jack/USB port, refer to the instruction manual for the portable audio device.
- Use a commercially-available, non-impedance (3.5Φ) stereo mini plug for connecting the portable audio unit to the auxiliary jack. Before using the auxiliary jack, read the manufacturer's instructions for connecting a portable audio unit to the auxiliary jack.
- To prevent discharging of the battery, do not use the auxiliary input for long periods with the engine off or idling.
- When connecting a device to the auxiliary jack or USB port, noise may occur depending on the connected device. If the device is connected to the vehicle's accessory socket, the noise can be reduced by unplugging it from the accessory socket.

Before Using the Audio System

▼ How to connect USB port/ Auxiliary jack



Connecting a device

1. Open the console lid.
2. Connect the connector on the device to the USB port.

Connecting with a connector cable

1. Open the console lid.
2. Connect the device plug/connector cable to the auxiliary jack/USB port. 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 shift lever:

Allowing the plug cord to become tangled with the shift lever is dangerous as it could interfere with driving, resulting in an accident.

! CAUTION

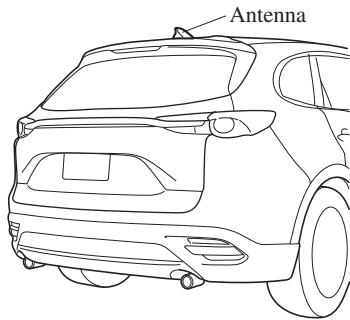
Do not place objects or apply force to the auxiliary jack/USB port with the plug connected.

NOTE

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

Before Using the Audio System

Antenna



Basic Operation Method

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.

Audio Set has three different human interfaces.

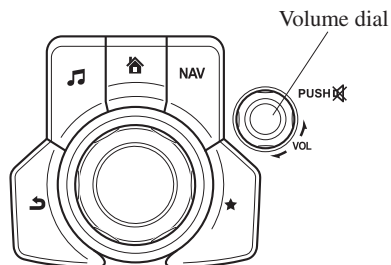
- Commander switch
 - Touch panel
 - Voice recognition with steering switch and microphone
- Refer to Voice Recognition on page 5-67.

▼ Commander switch operation

NOTE

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

Volume dial operation

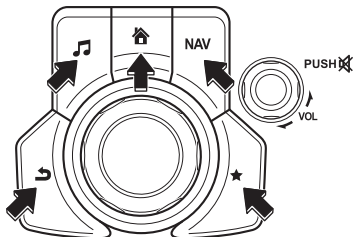


Press the volume dial to switch the audio MUTE on and off.

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

Interior Features
Audio Set

Switches around commander knob



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

: Displays the home screen.

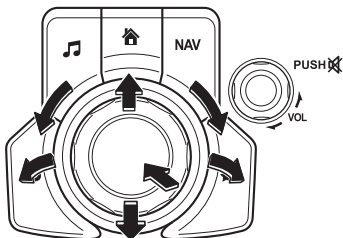
: Displays the Entertainment screen.

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



(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.

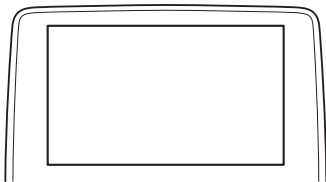
▼ **Touch panel operation**



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

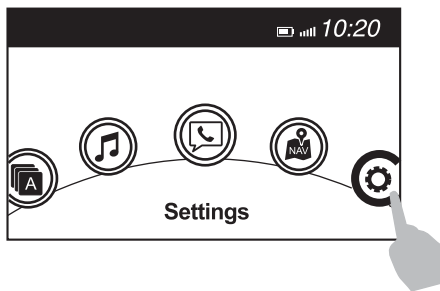
NOTE

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

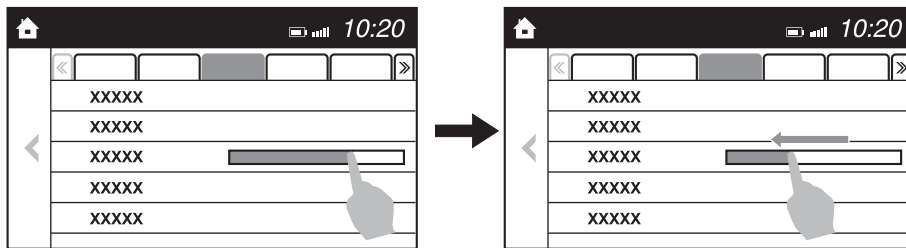
1. Touch or tap on the item indicated on the screen.
2. The operation is launched and the next item is displayed.



Interior Features
Audio Set

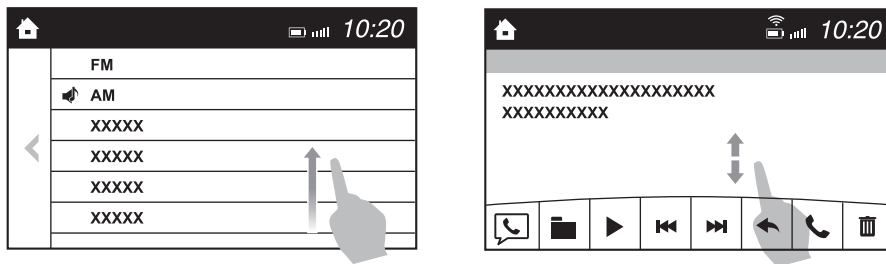
Slide

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.



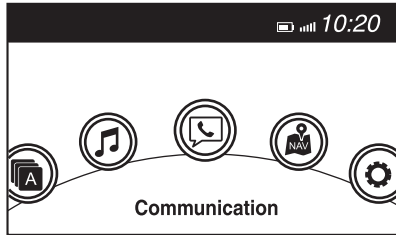
Return to previous screen


1. Touch the .

Displaying the home screen

1. Touch the .

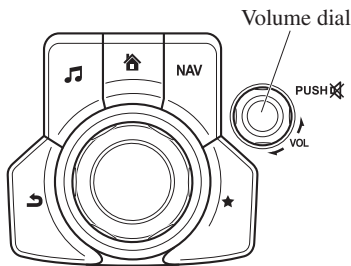
Home screen



Icon	Function
	Applications Information such as average fuel economy, maintenance, and warnings can be verified. Depending on the grade and specification, the screen display may differ.
	Entertainment Operates audio such as the radio. 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.
	Communication Bluetooth® related functions are available.
	Navigation 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.
	Settings Overall setting menu (Such as display, sound, Bluetooth® and Language). Depending on the grade and specification, the screen display may differ.

Volume/Display/Sound Controls


Commander switch



▼ Volume adjustment

Turn the commander switch volume dial. The volume switch on the steering switch can also be pressed.

▼ Display setting

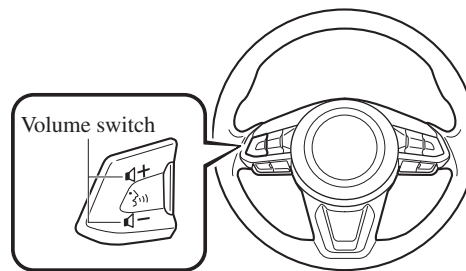
Select the  icon on the home screen to display the Settings screen. Select the **Display** tab to select the item you would like to change.

Display OFF/Clock

The center display can be turned off. Select **Turn Display Off** to turn the display off. When **Turn Display Off and Show Clock** is selected the center display turns off and the clock is displayed. The center display can be turned back on as follows:

- Touch the center display.
- Operate the commander switch.

Audio control switch



Daytime/nighttime (System) screen setting

The daytime or nighttime screen can be selected.

Auto: Switches screen automatically according to headlight illumination condition^{*1}

Day: Daytime screen setting

Night: Nighttime screen setting

*1 The display is constantly on daytime screen when the illumination dimmer is cancelled.

Brightness adjustment

Adjust the center display brightness using the slider.

Contrast adjustment


Adjust the center display contrast using the slider.

Display setting reset

All of the screen setting values can be reset to their initial settings.

1. Select **Restore Factory settings**.
2. Select **Yes**.

▼ **Audio sound adjustment**

Select the  icon on the home screen to display the Settings screen. Select the **Sound** tab to select the item you would like to change.

Indication	Setting value
Bass (Low pitch sound)	+ Side: Low pitch enhancement - Side: Low pitch reduction
Treble (Treble sound)	+ Side: Treble enhancement - Side: Treble reduction
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
ALC* ¹ (Automatic volume adjustment)	Off—Adjustment at seven levels
Bose® Centerpoint* ² (Automatic surround level adjustment)	On/Off
Bose® AudioPilot* ² (Automatic volume adjustment)	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 and sound quality according to the vehicle speed. The volume increases in accordance with the increase in vehicle speed, and decreases as vehicle speed decreases.

Bose® Centerpoint (Automatic surround level adjustment)

Centerpoint®*³ lets vehicle owners enjoy a Bose® surround sound experience from their existing MP3s and satellite radio. 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.

*3 Centerpoint® is a registered trademark of Bose Corporation.

Bose® AudioPilot (Automatic volume adjustment)

When driving, background noise can interfere with enjoying music.

AudioPilot®*⁴ 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.











*4 AudioPilot® is a registered trademark of Bose Corporation.

Operating the 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 station list. Select Update Station List 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 five 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.
	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 sound settings to adjust audio quality level. Refer to Volume/Display/Sound Controls on page 5-24.

▼ 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, and satellite 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 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.

*Some models. **5-27**

Interior Features


Audio Set

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  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.
- 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

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.


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.

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.

Operating the Satellite Radio*

▼ What is satellite radio?

With over 130 channels, SiriusXM Satellite Radio brings you more of what you love. Get channels and channels of commercial-free music, plus sports, news, talk, entertainment and more.

Commercial-free music from nearly every genre—rock to pop, hip-hop to country, jazz, classical and more. Plus live performances and artist-dedicated channels.

Live sports Play-by-Play & Expert Talk—every NFL game, every NASCAR® race, 24/7 sports talk, college sports and more.

Exclusive entertainment, comedy and talk—The biggest names, compelling talk, hilarious comedy.

World-class news plus local traffic and weather.

Sign up for SiriusXM Satellite Radio today!

NOTE

- To listen to SiriusXM, a prior subscription (fee-based) is required.
- The channels which you can receive depend on the package you subscribe to.
- Satellite radio is broadcast as Sirius, XM, and SiriusXM in the U.S.A., and Sirius and XM in Canada. In this owner's manual, only the name SiriusXM is used.
- For traffic and weather channels, map information is not displayed and only audio broadcasts can be received.
- Call 877-447-0011 (U.S.A.)/ 877-209-0079 (Canada) to activate. For more information, visit www.siriusxm.com (U.S.A.)/www.siriusxm.ca (Canada). Satellite radio is only available in regions providing satellite radio service (some areas of the United States and Canada). Contact Authorized Mazda Dealer for details.

▼ **How to Activate Satellite Radio**

You must call SiriusXM to activate your service. Activation is free and takes only a few minutes.

New customers can receive a free introductory subscription with a limited term trial offer by calling 877-447-0011 (U.S.A.)/877-209-0079 (Canada) to activate.

SiriusXM service uses an ID code to identify your radio. This code is needed to activate SiriusXM service, and report any problems.

Please have the following information ready:

- Radio ID (8-digit electronic serial No.)
Refer to Displaying the Radio ID (ESN) on page 5-31.
- Valid credit card information (may not be required at initial sign-up)



Be sure you are parked outside with a clear view of open sky, you will be instructed to turn on your radio (in SiriusXM mode and tuned to channel 184 (Sirius)/1 (XM and SiriusXM)). Activation typically takes only 2—5 minutes.









▼ **Displaying the Radio ID (ESN)**

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

Interior Features
Audio Set


▼ **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 5-26.
	Indicates that the parental lock function is in use. Switching of Lock/Unlock and PIN code setting changes can be performed.
	Plays each channel in the current channel list for 5 seconds. Select again to continue receiving the channel.
	Plays the previous channel.
	Plays the next channel.
	Displays sound settings to adjust audio quality level. Refer to Volume/Display/Sound Controls on page 5-24.

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 **Category:** to display the category list.
3. Select a desired category.

▼ 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 cancelled. 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. If the selected channel is locked, input the PIN code to cancel the parental lock temporarily.
3. Select **Reset PIN Code**.
4. Input the default code [0000] using the number buttons.
5. Select **OK**.
6. Input the new PIN code using the number buttons.
7. Select **OK**.

How to use AUX mode

▼ Playback

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 Volume/Display/Sound Controls on page 5-24.

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.









How to use USB mode

Type	Playable data
USB mode	MP3/WMA/AAC/OGG 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.
 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.


Interior Features
Audio Set

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 Volume/Display/Sound Controls on page 5-24.

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)
- 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.
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.

Audio Set

▼ Gracenote® Database

When a USB 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>*

Introduction

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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.



Interior Features
Audio Set

Bluetooth®

▼ **Introduction**

Bluetooth® Hands-Free outline


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. For example, even if a device (mobile phone) is in your coat pocket, a call can be made without taking the device (mobile phone) out and operating it directly.

Bluetooth® audio outline

When a portable audio unit equipped with the Bluetooth® communication function is paired to the vehicle, you can listen to music stored on the paired portable audio device from the vehicle's speakers. It is not necessary to connect the portable audio device to the vehicle's external input terminal. After programming, operate the vehicle audio control panel to play/stop the audio.



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.*
- 

CAUTION

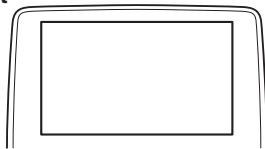
Some Bluetooth® mobile devices are not compatible with the vehicle. Consult an Authorized Mazda Dealer, Mazda's call center or Web support center for information regarding Bluetooth® mobile device compatibility:

- > U.S.A.
Phone: 800-430-0153
Web: www.mazdausa.com/mazdaconnect
- > Canada
Phone: 800-430-0153
Web: www.mazdahandsfree.ca
- > Mexico
Center of Attention to Client (CAC)
Phone: 01-800-01-MAZDA
Web: www.mazdamexico.com.mx

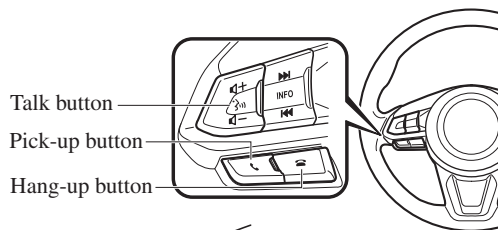
Applicable Bluetooth® specification (Recommended)
Ver. 1.1/1.2/2.0 + EDR/2.1 + EDR/3.0 (conformity)

▼ **Component Parts**

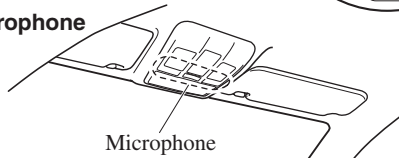
Audio unit



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



Microphone



Audio Set

Microphone (hands-free)

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

Talk button, Pick-Up button and Hang-Up button (hands-free)

The basic functions of Bluetooth® Hands-Free can be used for such things as making calls or hanging up using the talk, pick-up and hang-up buttons on the steering wheel.

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, to the left to decrease it.

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

NOTE

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.

Bluetooth® Preparation


▼ 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 seven 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.

NOTE

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

Refer to Communication Settings on page 5-66.

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 **✓**.

Available Language

The Bluetooth® Hands-Free System applies to the following languages:

- English
- Spanish
- French

Refer to Settings on page 5-70.

Interior Features
Audio Set

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


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.


▼ **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 5-43.

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 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.
	(AVRCP Ver. 1.4 only) 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.
	(AVRCP Ver. 1.3 or higher) 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.
	(AVRCP Ver. 1.3 or higher) 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.

Interior Features
Audio Set

Icon	Function
	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 Volume/Display/Sound Controls on page 5-24.

▼ **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.

How to Use Pandora®

▼ What is Pandora®?

Pandora®*1 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.

*1 Pandora®, the Pandora® logo, and the Pandora® trade dress are trademarks or registered trademarks of Pandora Media, Inc., used with permission.









NOTE

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.
	Thumbs-Down Press the  icon to tell Pandora® not to play this track.
	Thumbs-Up Press the  icon to tell Pandora® “you like this track” and it helps to bring in more tracks like it to your station.
	Bookmarking Bookmarks the song or artist currently being played.
	Plays the track. When selected again, playback is temporarily stopped.

Interior Features
Audio Set

Icon	Function
	Goes to the next song.
	Displays sound settings to adjust audio quality level. Refer to Volume/Display/Sound Controls on page 5-24.

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  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 .
3. Select  to display in the order starting from the newly created station.
4. Select  to display in alphabetical order.

NOTE

The displayed order of  cannot be changed.

▼ **Bookmarking**

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

1. Select the  icon.
2. Select  to bookmark the song.
3. Select  to bookmark the artist.

How to Use Aha™

▼ What is Aha™?

Aha^{*1} 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/>”.

*1 Aha, the Aha logo, and the Aha trade dress are trademarks or registered trademarks of Harman International Industries, Inc., used with permission.





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.*











▼ 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.
	Shout Records voice. Records voice and posts it as playable audio to Facebook and other social stations.

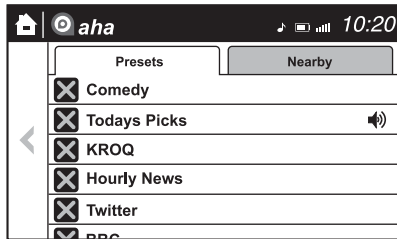
Interior Features
Audio Set

Icon	Function
	Like *1 Evaluates the current content as “Like”.
	Dislike *1 Evaluates the current content as “Dislike”.
	Reverses for 15 seconds.
	Map (vehicles with navigation system) Displays the destination searched by the location based services on the navigation system.
	Call 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 Volume/Display/Sound Controls on page 5-24.

*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.

NOTE

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

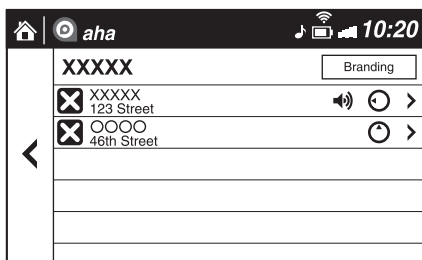
Interior Features
Audio Set

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.



▼ Shout

Some social stations, such as Facebook or Caraoke, 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.

How to Use Stitcher™ Radio

▼ What is Stitcher™ Radio?

Stitcher™*1 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/>”.

*1 Stitcher™, the Stitcher™ logo, and the Stitcher™ trade dress are trademarks or registered trademarks of Stitcher, Inc., used with permission.







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.

▼ 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.

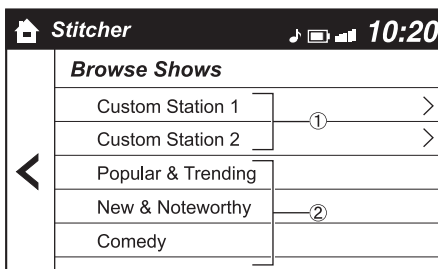
Icon	Function
	Displays the Entertainment menu. Use to switch to a different audio source.
	Displays the station list. Use to switch to other stations.
	Dislike Evaluates the current program as “Dislike”.
	Like Evaluates the current program as “Like”.
	Adds the current station to your favorites or deletes the current station from your favorites.
	Reverses for 30 seconds.

Interior Features
Audio Set

Icon	Function
	Plays the station. Select it again to pause playback.
	Goes to the next station.
	Displays sound settings to adjust audio quality level. Refer to Volume/Display/Sound Controls on page 5-24.

Station list

- Select the  icon to display the station list.
 - Favorites station name: Select to display the program registered to your favorites.
 - 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.

1. Select the ★ icon to display the favorites station which the registration can be added.
2. Select the station name which you want to register.
3. 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.

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

Bluetooth® Hands-Free

▼ Making a Call

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".
4. Follow the voice guidance to place 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 5-66.

Audio Set

(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.

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.
(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**.

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"

Audio Set

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"

Mobile 911 (U.S.A./Canada only)

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 5-66.

CAUTION

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

NOTE

- **Mobile 911 is a secondary function of the audio entertainment system. Therefore, the mobile 911 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.

▼ **Receiving an Incoming 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 5-66.

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.
	Transferring a call from hands-free to a mobile phone 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.
	Transferring a call from a device (mobile phone) to hands-free Communication between devices (mobile phone) can be switched to Bluetooth® Hands-Free.
	Mute 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: Call History : Call History is displayed. Contacts : The phonebook is displayed. Dial : 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.
	DTMF (Dual Tone Multi-Frequency Signal) Transmission 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.

Interior Features
Audio Set

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 (available only with E-mail/SMS compatible phones)**

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 5-66.

(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.

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 5-66. 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.

Interior Features
Audio Set


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.

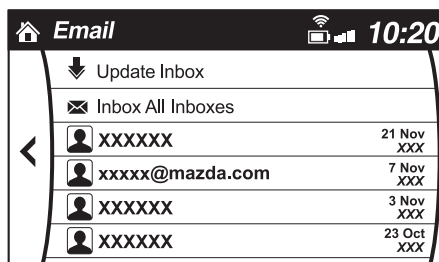
Icon	Function
	Displays the Communication menu.
	Displays the inbox.
	Plays back a message. When selected again, playback is temporarily stopped.
	Displays the previous message.
	Displays the next message.
	Only replies to the sender of the currently displayed message. Select the sentence on the displayed reply screen and select the sentence for sending from the preset message. Select [Send] .
	(Only E-mail) 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 [Send] .
	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.

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.

Interior Features
Audio Set

▼ **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 5-43.
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	Changes the ringtone setting.
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 5-62.
Emergency Assistance Call	On/Off	Mobile Utilizes the Mobile 911 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.

Voice Recognition

▼ 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.

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 your commands.
- Phone related commands are available only when your phone is connected via Bluetooth®. Make sure your 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 approach 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.

NOTE

If the voice recognition performance is not satisfactory.

Refer to Troubleshooting on page 5-73.

Interior Features

Audio Set

▼ 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
cancel	Ends the voice recognition mode.
(go) back	Returns to the previous operation.
help	Usable commands can be verified.
tutorial	Basic voice commands and methods of use can be verified.
(go to) home (screen)/main menu	Moves to the home screen.
(go to) communication	Moves to the communication screen.
(go to) navigation	Moves to the navigation screen.
(go to) entertainment (menu)	Moves to the entertainment screen.
(go to) settings	Moves to the setting screen.
(go to) favorites	Moves to the favorites screen.

Communication (phone) related command

Voice command	Function
Call {name in phonebook} (mobile/home/work/other) Example: "Call John Mobile"	Call to the contact in the downloaded phonebook. Refer to Making a Call on page 5-57.
Redial	Call to the last contact you called. Refer to Making a Call on page 5-57.
Callback	Call to the last contact who called you. Refer to Making a Call on page 5-57.

Entertainment (audio) related command

Voice command	Function	Corresponding audio source
(Go to/Play) AM (Radio)	Switches the audio source to AM radio.	All
(Go to/Play) FM (Radio)	Switches the audio source to FM radio.	All
(Go to/Play) Bluetooth (Audio)	Switches the audio source to BT audio.	All
(Go to/Play) Pandora	Switches the audio source to Pandora®	All
(Go to/Play) Aha (Radio)	Switches the audio source to Aha™ Radio.	All
(Go to/Play) Stitcher	Switches the audio source to Stitcher™ Radio.	All
(Go to/Play) USB 1	Switches the audio source to USB 1.	All
(Go to/Play) USB 2	Switches the audio source to USB 2.	All
Play Playlist {Playlist name}	Plays the selected playlist.	USB
Play Artist {Artist name}	Plays the selected artist.	USB
Play Album {Album name}	Plays the selected album.	USB
Play Genre {Genre name}	Plays the selected genre.	USB
Play Folder {Folder name}	Plays the selected folder.	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 grade and specification.
- Some commands cannot be used depending on the device connection conditions and the use conditions.
- The commands are examples of the available commands.

Interior Features
Audio Set

Settings

NOTE

Depending on the grade and specification, the screen display may differ.

Select the  icon on the home screen and display the Settings screen.

Switch the tab and select the setting item you want to change.

You can customize settings in the setup display as follows:

Tab	Item	Function
AD-Disp	Height Brightness Control Other	Refer to Active Driving Display on page 4-29.
Display	Refer to Volume/Display/Sound Controls on page 5-24.	
Safety	Smart City Brake Support Blind Spot Monitoring Volume Other	Refer to Personalization Features on page 9-11.
Sound	Refer to Volume/Display/Sound Controls on page 5-24.	
Clock	Adjust Time	Displays the currently set time is displayed. 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	Synchronizes with GPS when turned on. When turned off, the time can be changed from "Adjust Time".
	Time Format	Changes the display between 12 and 24-hour clock time.
	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.
Vehicle	Rain Sensing Wiper Door Locks Other	Refer to Personalization Features on page 9-11.
Devices	Bluetooth	Refer to Bluetooth® Preparation on page 5-43.

Interior Features
Audio Set


Tab	Item	Function
System	Tool Tips	Turns button explanations ON/OFF.
	Language	Changes the language.
	Temperature	Changes the setting between Fahrenheit and Celsius.
	Distance	Changes the setting between miles and kilometers.
	Music Database Update	Used to update Gracenote®. Gracenote is used with USB Audio, and provides: 1. Supplemental music information (Such as song name, artist name) 2. Voice recognition assistance for Play Artist and Play Album Gracenote can be downloaded from the Mazda Handsfree Website. Refer to Gracenote Database on page 5-38.
	Restore All Factory Settings	Memory and settings are initialized to the factory settings. The initialization launches by selecting the Yes button.
About	Agreements and Disclaimers	Verify the disclaimer and agree.
	Version Information	Can verify the current audio unit OS version and Gracenote Database version.

Interior Features
Audio Set

Applications

NOTE

Depending on the grade and specification, the screen display may differ.

Select the  icon on the home screen to display the Applications screen. The following information can be verified.

Top screen	Item	Function
HD Radio™ Traffic Map	—	—
Fuel Economy Monitor	Fuel Consumption Display	Refer to Fuel Economy Monitor on page 4-77.
Vehicle Status Monitor	Maintenance	Scheduled Maintenance Tire Rotation Oil Change Refer to Maintenance Monitor on page 6-19.
	Warning Guidance	Warnings currently active can be verified. Refer to If a Warning Light Turns On or Flashes on page 7-30.

Troubleshooting

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
- **Canada**
 Phone: 800-430-0153 (Toll-free)
 Web: www.mazdahandsfree.ca
- **Mexico**
 Center of Attention to Client (CAC)
 Phone: 01-800-01-MAZDA (Toll-free)
 Web: www.mazdamexico.com.mx

Bluetooth® Device pairing, connection problems

Symptom	Cause	Solution method
Unable to perform pairing	—	First make sure the device is compatible with the Bluetooth® unit, and then check whether the Bluetooth® function and the Find Mode/Visible setting*1 on the device are turned on. 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. •Clear “Mazda” stored in the device. •Perform pairing again.
Unable to perform pairing	The Bluetooth® function and the Find Mode/Visible setting*1 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*1 on the device are turned on and pairing or reconnect.
Does not connect automatically when starting the engine		
Automatically connects, but then disconnects suddenly	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.
Disconnects intermittently		
Does not connect automatically when starting the engine	The pairing information is updated when the device OS is updated.	Perform pairing again.

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

Interior Features
Audio Set

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.
- Different Bluetooth®-enabled devices can be used for Bluetooth® Hands-Free and Bluetooth® audio. For example, device A can be connected as a Bluetooth® Hands-Free device and device B can be connected as a Bluetooth® audio device. However, the following may occur when they are used at the same time.
 - The Bluetooth® 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"> •Excessive, slow speech. •Excessive, forceful speech (shouting). •Speaking before the beep sound has ended. 	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	<ul style="list-style-type: none"> •Loud noise (speaking or noise from outside/inside vehicle). •Airflow from A/C is blowing against the microphone. •Speaking in off-standard expressions (dialect). 	
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® unit and the device.	If there is any malfunction after checking the pairing situation, check for device pairing or connection problems.

Interior Features
Audio Set

Symptom	Cause	Solution method
Names in the phonebook are not easily recognized	The Bluetooth® 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"> •Clear memory from the phonebook which is not used very often. •Avoid shortened names, use full names. (Recognition improves the longer the name is. By not using names such as “Mom”, “Dad”, recognition will improve.)
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 three 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.

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.	—

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.

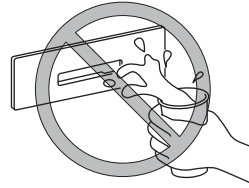
⚠ CAUTION

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.



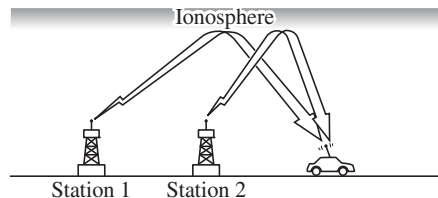
▼ Radio Reception

AM characteristics

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

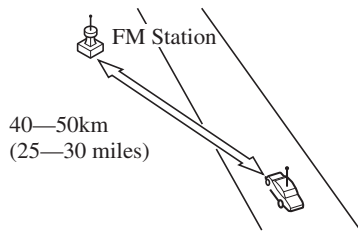
Therefore, they can reach longer distances than FM signals.

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

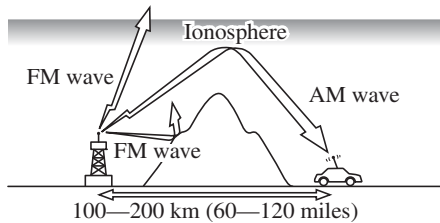


FM characteristics

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 two channels, stereo FM has even less range than monaural (non-stereo) FM.



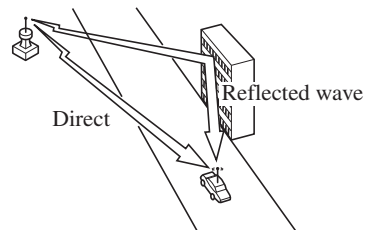
Signals from an FM transmitter are similar to beams of light because they do not bend around corners, but they do reflect. Unlike AM signals, FM signals cannot travel beyond the horizon. Therefore, FM stations cannot be received at the great distances possible with AM reception.



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

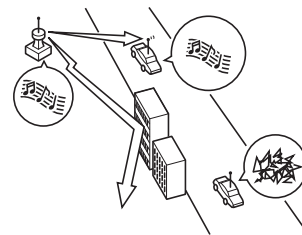
Multipath noise

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

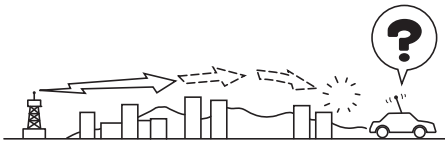
Signals from an FM transmitter move in straight lines and become weak in valleys between tall buildings, mountains, and other obstacles. When a vehicle passes through such an area, the reception conditions may change suddenly, resulting in annoying noise.



Interior Features
Appendix

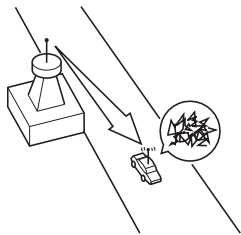
Weak signal noise

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



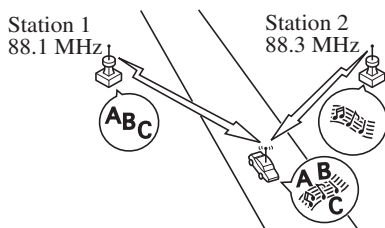
Strong signal noise

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 two 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.



▼ Operating Tips for MP3

MP3 stands for MPEG Audio Layer 3, which is standardized voice compression established by the ISO*1 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.

*1 International Organization for Standardization

! 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.

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>.

- 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^{*1} Audio and is the audio compression format used by Microsoft^{*1}.

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.

*1 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 memory.

▼ Operating Tips for AAC

AAC stands for Advanced Audio Coding, which is standardized voice compression established by the ISO^{*1} 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.
 - 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 memory.
- *1 International Organization for Standardization

▼ 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.

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.

- 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

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.

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.
- If a device exceeds the maximum electric current value of 1,000 mA, it may not operate or recharge when connected.
- Do not pull out the USB device while in the USB mode (only pull it out while in FM/AM radio 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.

Customer Information

Declaration of Conformity

Model Name: MAZDA_68_CMU
Type of product: Automotive Electronics Infotainment Head Unit
Brand Name: Visteon
One Village center drive, Van Buren Township
48111-5711 Michigan
United States of America

(U.S.A. and Canada)

FCC

FCC ID: NT8-MAZDA68CMU

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) The device must accept any interference received, including interference that may cause undesired operation.

ISED CANADA

IC: 3043A-MAZDA68CMU

This device complies with Industry Canada License-exempt RSS standard(s). Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) The device must accept any interference received, including interference that may cause undesired operation.
- (3)

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

- (1) l'appareil ne doit pas produire de brouillage, et,
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Radiation exposure statement / Déclaration d'exposition aux rayonnements

This device complies with FCC and ISED radiation exposure limits. The antenna should be installed and operated with minimum distance of 20 cm between the radiator and your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Le présent appareil est en accord aux limites d'exposition humaine aux radiofréquences exigés par FCC et l'ISDE. L'antenne doit être installée de façon à garder une distance minimale de 20 centimètres entre la source de rayonnements et votre corps.

L'émetteur ne doit pas être colocalisé ni fonctionner conjointement avec une autre antenne ou autre émetteur.

Mazda Audio System Customer Service

- U.S.A

Phone: 800-430-0153 (Toll-free)

Web: www.mazdausa.com/mazdaconnect

- Canada

Phone: 800-430-0153 (Toll-free)

Web: www.mazdahandsfree.ca

CE MARK:



Simplified EU DoC:

Hereby, Visteon Corporation declares that the radio equipment type MAZDA_68_CMU is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address:
<http://www.visteondocs.com/>

Български [Bulgarian]	С това фирмата Visteon Corporation декларира, че частта MAZDA_68_CMU е в съответствие със съществените изисквания и други приложими разпоредби на директивата 2014/53/ЕС.
Česky [Czech]	Visteon Corporation tímto prohlašuje, že tento MAZDA_68_CMU je ve shodě se základními požadavky a dalšími příslušnými ustanoveními směrnice 2014/53/EU.
Dansk [Danish]	Undertegnede Visteon Corporation erklærer herved, at følgende udstyr MAZDA_68_CMU overholder de væsentlige krav og øvrige relevante krav i direktiv 2014/53/EU.
Deutsch [German]	Hiermit erklärt Visteon Corporation , dass sich das Gerät MAZDA_68_CMU in Übereinstimmung mit den grundlegenden Anforderungen und den übrigen einschlägigen Bestimmungen der Richtlinie 2014/53/EU befindet.
Eesti [Estonian]	Käesolevaga kinnitab Visteon Corporation seadme MAZDA_68_CMU vastavust direktiivi 2014/53/EL põhinõuetele ja nimetatud direktiivist tulenevatele teistele asjakohastele sätetele.
English	Hereby, Visteon Corporation , declares that this MAZDA_68_CMU is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU.
Español [Spanish]	Por medio de la presente Visteon Corporation declara que el MAZDA_68_CMU cumple con los requisitos esenciales y cualesquiera otras disposiciones aplicables o exigibles de la Directiva 2014/53/UE.
Ελληνική [Greek]	ΜΕ ΤΗΝ ΠΑΡΟΥΣΑ Visteon Corporation ΔΗΛΩΝΕΙ ΟΤΙ MAZDA_68_CMU ΣΥΜΜΟΡΦΩΝΕΤΑΙ ΠΡΟΣ ΤΙΣ ΟΥΣΙΩΔΕΙΣ ΑΠΑΙΤΗΣΕΙΣ ΚΑΙ ΤΙΣ ΛΟΙΠΕΣ ΣΧΕΤΙΚΕΣ ΔΙΑΤΑΞΕΙΣ ΤΗΣ ΟΔΗΓΙΑΣ 2014/53/ΕΚ.
Français [French]	Par la présente Visteon Corporation déclare que l'appareil MAZDA_68_CMU est conforme aux exigences essentielles et aux autres dispositions pertinentes de la directive 2014/53/UE.
Italiano [Italian]	Con la presente Visteon Corporation dichiara che questo MAZDA_68_CMU è conforme ai requisiti essenziali ed alle altre disposizioni pertinenti stabilite dalla direttiva 2014/53/UE.
Latviski [Latvian]	Ar šo Visteon Corporation deklarē, ka MAZDA_68_CMU atbilst Direktīvas 2014/53/EK būtiskajām prasībām un citiem ar to saistītajiem noteikumiem.

Lietuvių [Lithuanian]	Šiuo Visteon Corporation deklaruoja, kad šis MAZDA_68_CMU atitinka esminius reikalavimus ir kitas 2014/53/EB Direktyvos nuostatas.
Nederlands [Dutch]	Hierbij verklaart Visteon Corporation dat het toestel MAZDA_68_CMU in overeenstemming is met de essentiële eisen en de andere relevante bepalingen van richtlijn 2014/53/EG.
Malti [Maltese]	Hawnhekk, Visteon Corporation , jiddikjara li dan MAZDA_68_CMU jikkonforma mal-ħtiġijiet essenzjali u ma provvedimenti oħrajn relevanti li hemm fid-Dirrettiva 2014/53/UE.
Magyar [Hungarian]	Alulírott, Visteon Corporation nyilatkozom, hogy a MAZDA_68_CMU megfelel a vonatkozó alapvető követelményeknek és az 2014/53/EU irányelv egyéb előírásainak.
Polski [Polish]	Niniejszym Visteon Corporation oświadcza, że MAZDA_68_CMU jest zgodny z zasadniczymi wymogami oraz pozostałymi stosownymi postanowieniami Dyrektywy 2014/53/UE.
Português [Portuguese]	Visteon Corporation declara que este MAZDA_68_CMU está conforme com os requisitos essenciais e outras disposições da Directiva 2014/53/UE.
Slovensko [Slovenian]	Visteon Corporation izjavlja, da je ta MAZDA_68_CMU v skladu z bistvenimi zahtevami in ostalimi relevantnimi določili direktive 2014/53/ES.
Slovensky [Slovak]	Visteon Corporation týmto vyhlasuje, že MAZDA_68_CMU spĺňa základné požiadavky a všetky príslušné ustanovenia Smernice 2014/53/EÚ.
Suomi [Finnish]	Visteon Corporation vakuuttaa täten että MAZDA_68_CMU tyypinen laite on direktiivin 2014/53/EU oleellisten vaatimusten ja sitä koskevien direktiivin muiden ehtojen mukainen.
Svenska [Swedish]	Härmed intygar Visteon Corporation att denna MAZDA_68_CMU står i överensstämmelse med de väsentliga egenskapskrav och övriga relevanta bestämmelser som framgår av direktiv 2014/53/EU.
Íslenska [Icelandic]	Hér með lýsir Visteon Corporation yfir því að MAZDA_68_CMU er í samræmi við grunnkröfur og aðrar kröfur, sem gerðar eru í tilskipun 2014/53/EU.
Norsk [Norwegian]	Visteon Corporation erklærer herved at utstyret MAZDA_68_CMU er i samsvar med de grunnleggende krav og øvrige relevante krav i direktiv 2014/53/EF.
Crnogorski jezik, Црногорски језик [Montenegrin]	Ovim, Visteon Corporation , izjavljuje da ovaj MAZDA_68_CMU je usklađen sa bitnim zahtjevima i drugim relevantnim odredbama Direktive 2014/53/UE.