

Interior Features
Audio System

Antenna *

▼ Type A

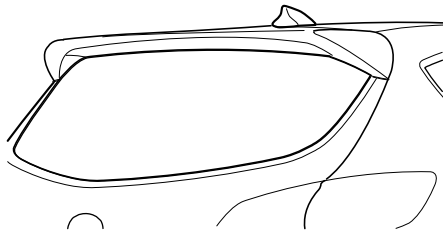
The antenna is incorporated into the window glass.

CAUTION

When washing the inside of the window which has an antenna, use a soft cloth dampened in lukewarm water, gently wiping the antenna lines.

Use of glass cleaning products could damage the antenna.

▼ Type B



Operating Tips for Audio System

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.

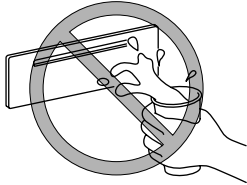
NOTE

- 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.*

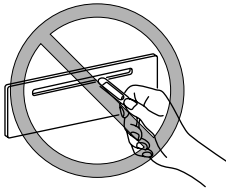
Interior Features

Audio System

Do not spill any liquid on the audio system.



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



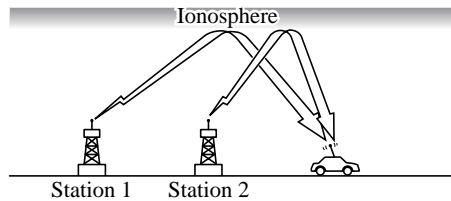
▼ Radio Reception

AM characteristics

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

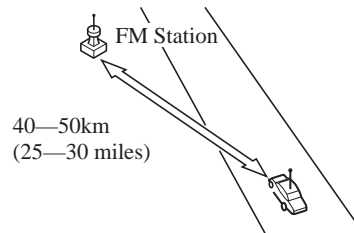
Therefore, they can reach longer distances than FM signals.

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

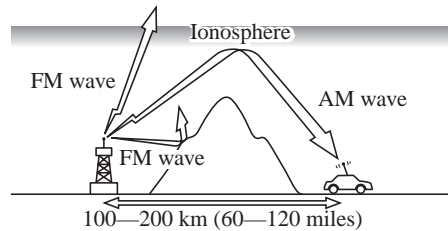


FM characteristics

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.

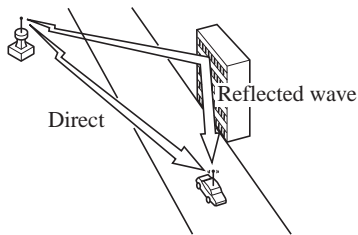


Atmospheric conditions can also affect FM reception. High humidity will cause poor reception. However, cloudy days may provide better reception than clear days.

Interior Features
Audio System

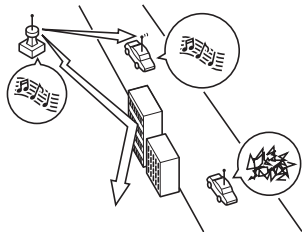
Multipath noise

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



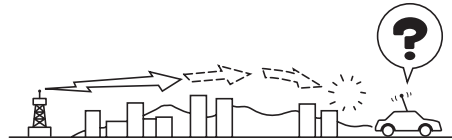
Flutter/Skip noise

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



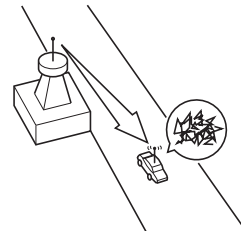
Weak signal noise

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



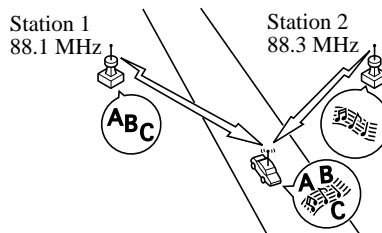
Strong signal noise

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



Station drift noise

When a vehicle reaches the area of 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.



Interior Features

Audio System

▼ Operating Tips for CD Player

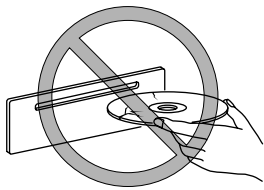
Condensation phenomenon

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

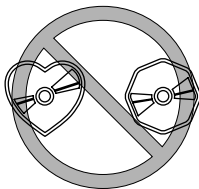
Handling the CD player

The following precautions should be observed.

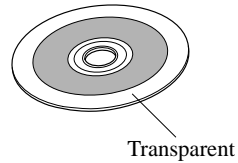
- The CD revolves at high speed within the unit. Defective (cracked or badly bent) CDs should never be used.



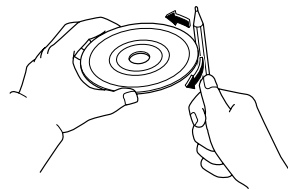
- Do not use non-conventional discs such as heart-shaped, octagonal discs, etc. The disc may not eject resulting in a malfunction.



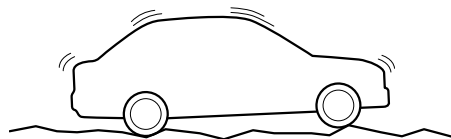
- If the memory portion of the CD is transparent or translucent, do not use the disc.



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



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

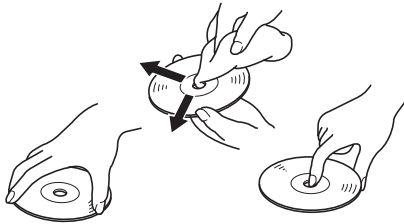


Interior Features
Audio System

- The CD player has been designed to play CDs bearing the identification logo as shown below. No other discs can be played.



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



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

- Do not use record sprays, antistatic agents, or household spray cleaners. Volatile chemicals such as benzine and thinner can also damage the surface of the CD and must not be used. Anything that can damage, warp, or fog plastic should never be used to clean CDs.
- Insert discs one by one. If two discs are inserted at the same time, the system may not operate properly.
- The CD player ejects the CD if the CD is inserted upside down. Also dirty and/or defective CDs may be ejected.
- Do not insert cleaning discs in the CD player.
- Do not insert any disc with a peel-off seal affixed to it.
- This unit may not be able to play certain CD-R/CD-RWs made using a computer or music CD recorder due to disc characteristics, scratches, smudges, dirt, etc., or due to dust or condensation on the lens inside the unit.
- Storing CDs in the vehicle exposed to direct sunlight or high temperature may damage the CD-R/CD-RWs, and make them unplayable.
- CD-R/CD-RW exceeding 700 MB cannot be played.
- This unit may not be able to play certain discs made using a computer due to the application (writing software) setting used. (For details, consult the store where the application was purchased.)
- It is possible that certain text data, such as titles, recorded on a CD-R/CD-RW may not be displayed when musical data (CD-DA) is playing.
- The period from when a CD-RW is inserted to when it begins playing is longer than a normal CD or CD-R.

Interior Features

Audio System

- Completely read the instruction manual and cautions for CD-R/CD-RWs.
- Do not use discs with cellophane tape adhering, partially peeled off labels, or adhesive material exuding from the edges of the CD label. Also, do not use discs with a commercially-available CD-R label affixed. The disc may not eject resulting in a malfunction.

▼ Operating Tips for MP3

NOTE

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

- This audio system handles MP3 files that have been recorded on CD-R/CD-RW/CD-ROMs. Discs that have been recorded using the following formats can be played:
 - ISO 9660 level 1
 - ISO 9660 level 2
 - Joliet extended format
 - Romeo extended format
- This unit handles MP3 files conforming to the MP3 format containing both header frames and data frames.
- This unit can play multi-session recorded discs that have up to 50 sessions.

- This unit can play MP3s with sampling frequencies of 8/11.025/12/16/22.05/24/32/44.1/48 kHz.
- This unit can play MP3 files that have been recorded in bit rates of 8 kbps to 320 kbps. Nonetheless, to insure enjoyment of music with consistent sound quality, it is recommended to use discs that have been recorded at a bit rate of 128 kbps or more.
- If a disc has both music data (CD-DA) and MP3 files, playback of the two file types differs depending on how the disc was recorded.
- Packet written discs cannot be played on this unit.
- This unit does not play CDs recorded using MP3i (MP3 interactive), MP3 PRO and RIFF MP3 formats.

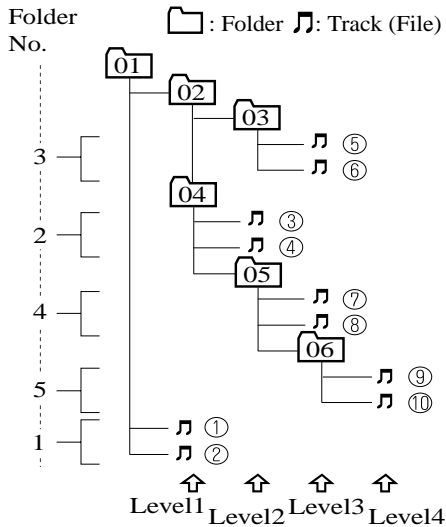
About folders and files

- The order of hierarchy for MP3 files and folders during playback or other functions is from shallow to deep. The arrangement and playing order of a recorded disc containing MP3 files is as follows:
 - **File number**
A numerical file number is assigned to each file in a folder starting from the deepest hierarchy.
 - **Folder number**
A numerical folder number is assigned to each folder starting from the deepest hierarchy.

NOTE

Folders and tracks (files) within the same hierarchy play in the order they were written to the disc depending on the write software.

Interior Features
Audio System



Playback may not occur in the above hierarchy depending on the audio unit.

- The folder order is automatically assigned and this order cannot be optionally set.
- Any folder without an MP3 file will be ignored. (It will be skipped and the folder number will not be displayed.)
- MP3 files not conforming to the MP3 format containing both header frames and data frames will be skipped and not played.
- This unit will play MP3 files that have up to eight levels. However, the more levels a disc has, the longer it will take to initially start playing. It is recommended to record discs with two levels or less.
- A single disc with up to 512 files can be played and a single folder with up to 255 files can be played.
- 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.

CAUTION

This unit can only play MP3 files that have an MP3 file extension (.mp3) attached. Do not attach an MP3 file extension to any other type file as it could cause noise to be emitted or a malfunction in the unit.

About ID3 Tag display

- This unit can only display ID3 Tag album, track and artist names that have been input using Ver.1.0/1.1/2.2/2.3/2.4 formats. Any other data that may have been input cannot be displayed.
- This unit cannot display some characters. Characters which cannot be displayed are indicated by an asterisk (*).

Specialized glossary

MP3

Abbreviation for “MPEG Audio Layer 3”. A technical standard for audio compression as decided by the ISO*1 MPEG working group. Use of MP3 allows for audio data to be compressed to approximately a tenth of the source data size.

*1 International Organization for Standardization

ISO 9660

An international standard for logical formatting of CD-ROM files and folders. It is divided into three separate levels based on differences in file naming procedures, data configuration and other characteristics.

Interior Features

Audio System

Multi-session

A session is the complete amount of data recorded from the beginning to the end of a single period of CD-ROM, CD-R/CD-RW data recording. Multi-session refers to the existence of data from two or more sessions on a single disc.

Sampling

Refers to the process of encoding analog audio data at regular intervals and converting it to digital data. The sampling rate refers to the number of times a sample is taken in one second and is expressed in Hz units. Increasing the sampling rate improves the sound quality but also increases the data size.

Bit rate

Refers to the volume of data per second, expressed in bps (bits per second). Generally, the larger the number of the transfer bit rate when compressing an MP3 file, the more information regarding musical reproduction it carries, and therefore the better the sound quality.

Packet writing

A general term for the method, similar to that used for floppy discs or hard drives, of recording the required file in a single increment on a CD-R and similar.

ID3 Tag

ID3 tag is a method for storing information related to the music in an MP3 file. Information such as track, artist and album name can be stored. This content can be freely edited using ID3 editing function software.

VBR

Abbreviation for Variable Bit Rate. While CBR (Constant Bit Rate) is generally used, VBR varies the bit rate for audio compression according to compression conditions and this allows for compression with preference given to sound quality.

▼ Operating Tips for WMA

WMA is short for Windows Media Audio and is the audio compression format used by Microsoft.

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

* Microsoft and Windows Media are registered trademarks of Microsoft Corporation U.S. in the United States and other countries.

Item	Content
Specification	Windows Media Audio Version 7.0, 8.0, 9.0, 10.0
Sampling frequency	Bit rate
	32 kHz. 32, 40, 48 kbps 44.1 kHz. 32, 48, 64, 80, 96, 128, 160, 192, 256, 320 kbps 48 kHz. 64, 96, 128, 160, 192 kbps
VBR (Variable Bit Rate)	Supported
Channel mode	Stereo/Monaural
WMA tag	Title, artist name, album name

Interior Features
Audio System

CAUTION

This unit plays files with the (.wma) file extension as a WMA file. Do not use the WMA file extension for files other than WMA files. Otherwise, it could result in noise or a malfunction.

- Track, artist and album name information is recorded as data termed “WMA-Tag”, and this information is displayable.
- WMA files written under specifications other than the indicated specification may not play normally or files or folder names may not display correctly.
- The file extension may not be provided depending on the computer operating system, version, software, or settings. In this case, add the file extension “.wma” to the end of the file name, and then write it to the disc.

▼ 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.

*1 International Organization for Standardization

Playable AAC file specifications

This unit supports playback of AAC files recorded in CD-R and CD-RW.

Playable AAC files are as follows:

Item	Content
Specification	MPEG-4AAC
Sampling rate	8/11.025/12 kHz (Quarter rate) 16/22.05/24 kHz (Half rate) 32/44.1/48 kHz (Full rate)
Bit rate	24 kbps—320 kbps
VBR (Variable Bit Rate)	Supported
iTunes, m4a, Meta-Data applicable	Song title Artist name Album name

CAUTION

This unit plays files with the file extension (m4a) as a AAC file. Do not use the AAC file extension for files other than AAC files. Otherwise, it could result in noise or a malfunction.

- Song, artist, and album name information in the AAC file is recorded as data termed “iTunes, m4a, Meta-Data applicable”, and this information is displayable.
- 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 “.m4a” to the end of the file name, then write it to the disc.

Interior Features

Audio System

▼ Operating Tips for USB memory

This unit supports playback of MP3/WMA/AAC files recorded to USB memory.

Playable MP3 file specifications

Playable MP3 files are as follows:

Item	Content
Specification	MPEG1 AUDIO LAYER III
	MPEG2 AUDIO LAYER III
	MPEG2.5
Sampling rate	44.1/48/32 kHz (MPEG1)
	22.05/24/16 kHz (MPEG2)
	11.025/12/8 kHz (MPEG2.5)
Bit rate	32—320 kbps (MPEG1)
	8—160 kbps (MPEG2)
	8—160 kbps (MPEG2.5)

⚠ CAUTION

This unit plays files with the file extension (mp3) as an MP3 file. Do not use the MP3 file extension for files other than MP3 files. Otherwise, it could result in noise or a malfunction.

- MP3 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 “.mp3” to the end of the file name, and then write it to the memory.

Playable WMA file specification

Playable WMA files are as follows:

Item	Content
Specification	Windows Media Audio Version 9.0
Sampling rate	22.05 kHz (MID) 44.1/48/32 kHz (HI)
Bit rate	32—320 kbps

⚠ CAUTION

This unit plays files with the file extension (wma) as a WMA file. Do not use the WMA file extension for files other than WMA files. Otherwise, it could result 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.

Playable AAC file specification

Playable AAC files are as follows:

Item	Content
Specification	MPEG4 AAC-LC MP4FF
Sampling rate	11.025 kHz 16/22.05/24 kHz 32/44.1/48 kHz
Bit rate	16—320 kbps

Interior Features
Audio System

CAUTION

*This unit plays files with the file extension (.aac^{*1}/.m4a) as a AAC file. Do not use the AAC file extension for files other than AAC files. Otherwise, it could result in noise or a malfunction.*

***1 Type B**

Refer to Audio Set (Type B) on page 5-35.

- 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^{*1}” or “.m4a” to the end of the file name, and then write it to the memory.

***1 Type B**

Refer to Audio Set (Type B) on page 5-35.

▼ Operating Tips for iPod

“iPod” is a registered trademark of Apple Inc. in the United States and other countries.

This unit supports playback of music files recorded to an iPod.

- “iPod” is a registered trademark of Apple Inc. in the United States and other countries.
- “iPod classic” is a registered trademark of Apple Inc. in the United States and other countries.
- “iPod nano” is a registered trademark of Apple Inc. in the United States and other countries.

- “iPod touch” is a registered trademark of Apple Inc. in the United States and other countries.
- “iPhone” is a registered trademark of Apple Inc. in the United States and other countries.

Connectable iPods are as follows:

- iPod: 5G
- iPod classic
- iPod nano: 1/2/3/4/5G
- iPod touch^{*1}: 1/2G
- iPhone^{*1}: 3G/3GS

***1 Only iPod function**

Interior Features

Audio System

CAUTION

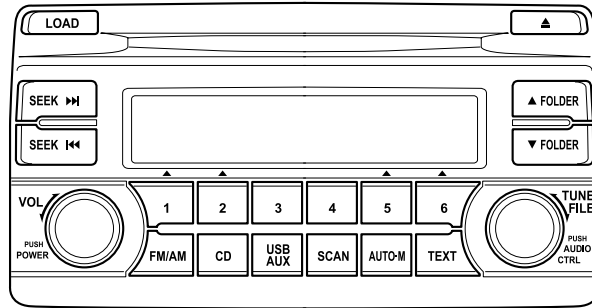
- *Remove the iPod when it is not in use. Because the iPod is not designed to withstand excessive changes in temperature inside the cabin, it could be damaged or the battery may deteriorate due to the excessive temperature or humidity inside the cabin if it is left in the vehicle.*
- *If data in the iPod is lost while it is connected to the unit, Mazda cannot guarantee recovery of any lost data.*
- *If the iPod battery is deteriorated, the iPod may not recharge and playback may not be possible when it is connected to the unit. Replace the iPod battery immediately.*
- *Be careful not to pinch the iPod connecting cable when opening/closing the glove compartment.*
- *For the details on using the iPod, refer to the iPod instruction manual.*
- *When connecting the iPod to a USB port, all commands are made from the audio unit. Control on the iPod side is impossible.*

NOTE

- *This unit cannot display the images and video in an iPod.*
- *The iPod functions on the iPod cannot be operated while it is connected to the USB port because the audio unit controls the iPod functions.*

Interior Features
Audio System

Audio Set (Type A)

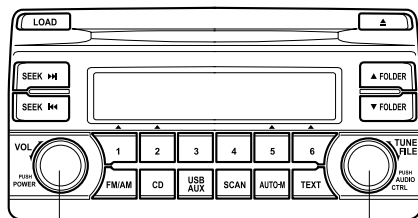


① Power/Volume/Sound Controls	page 5-26
② Operating the Radio	page 5-28
③ Operating the Compact Disc (CD) Player	page 5-30
④ How to use auxiliary jack/USB port	page 5-33
⑤ Error Indications	page 5-33

Interior Features

Audio System

▼ Power/Volume/Sound Controls



Power/Volume dial

Audio control dial

Power ON/OFF

Switch the ignition to ACC or ON. Press the power/volume dial to turn the audio system on. Press the power/volume dial again to turn the audio system off.

Volume adjustment

To adjust the volume, turn the power/volume dial. Turn the power/volume dial to the right to increase volume, to the left to decrease it.

Audio sound adjustment

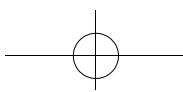
1. Press the audio control dial to select the function. The selected function will be indicated.

2. Turn the audio control dial to adjust the selected functions as follows:

Indication	Setting value	
	Turn Left	Turn Right
ALC (Automatic volume adjustment)	Level decrease	Level increase
BASS (Low pitch sound)	Decrease bass	Increase bass
TREB (Treble sound)	Decrease treble	Increase treble
FADE (Front/back volume balance)	Shift the sound to the front	Shift the sound to the rear
BAL (Left/right volume balance)	Shift the sound to the left	Shift the sound to the right
BEEP (Audio operation sound)	Off	On

NOTE

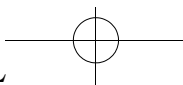
About 5 seconds after selecting any mode, the volume function will be automatically selected. To reset bass, treble, fade, and balance, press the audio control dial for 2 seconds. The unit will beep and "CLEAR" will be displayed.



Interior Features
Audio System

Automatic Level Control (ALC)

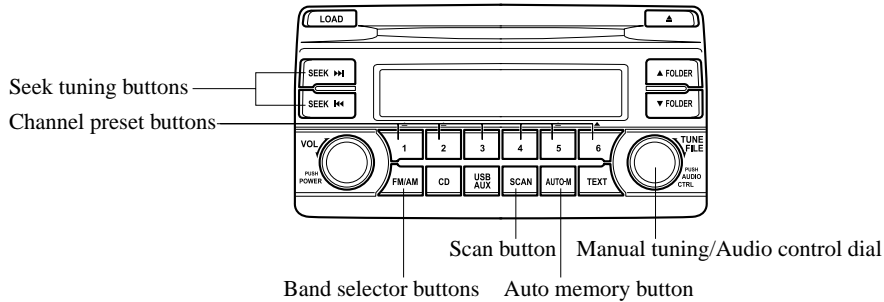
The automatic level control (ALC) changes the audio volume/quality automatically according to the vehicle speed. The faster the vehicle speed, the higher the volume increases. ALC has ALC OFF and ALC LEVEL 1 to 7 modes. At ALC LEVEL 7, the amount that the volume can increase is at the maximum. Select the mode according to the driving conditions.



Interior Features

Audio System

▼ Operating the Radio



Radio ON

Press a band selector button (**FM/AM**) to turn the radio on.

Band selection

Successively pressing the band selector button (**FM/AM**) switches the bands as follows: FM1→FM2→AM.

The selected mode will be indicated. If FM stereo is being received, "ST" will be displayed.

NOTE

If the FM broadcast signal becomes weak, reception automatically changes from STEREO to MONO for reduced noise, and the "ST" indicator will go out.

Tuning

The radio has the following tuning methods: Manual, Seek, Scan, Preset channel, and Auto memory tuning. The easiest way to tune stations is to set them on preset channels.

NOTE

If the power supply is interrupted (fuse blows or the battery is disconnected), the preset channels will be erased.

Manual tuning

Turning the manual tuning dial will change the frequency higher or lower.

Seek tuning

Pressing the seek tuning button (►►, ◀◀) will cause the tuner to seek a higher or lower frequency automatically.

NOTE

If you continue to press and hold the seek tuning button (►►, ◀◀), the frequency will continue changing without stopping.

Scan tuning

Press the scan button (**SCAN**) to automatically sample strong stations. Scanning stops at each station for about 5 seconds. To hold a station, press the scan button (**SCAN**) again during this interval.

Preset channel tuning

The 6 preset channels can be used to store 6 AM and 12 FM stations.

1. To set a channel first select AM, FM1, or FM2. Tune to the desired station.

Interior Features
Audio System

2. Depress a channel preset button for about 2 seconds until a beep is heard. The preset channel number or station frequency will be displayed. The station is now held in the memory.
3. Repeat this operation for the other stations and bands you want to store. To tune one in the memory, select AM, FM1, or FM2 and then press its channel preset button. The station frequency or the channel number will be displayed.

Auto memory tuning

This is especially useful when driving in an area where the local stations are not known.

Press and hold the auto memory button (**AUTO-M**) for about 2 seconds until a beep is heard; the system will automatically scan and temporarily store up to 6 stations with the strongest frequencies in each selected band in that area.

After scanning is completed, the station with the strongest frequency will be tuned and its frequency displayed. Press and release the auto memory button (**AUTO-M**) to recall stations from the auto-stored stations. One stored station will be selected each time; its frequency and channel number will be displayed.

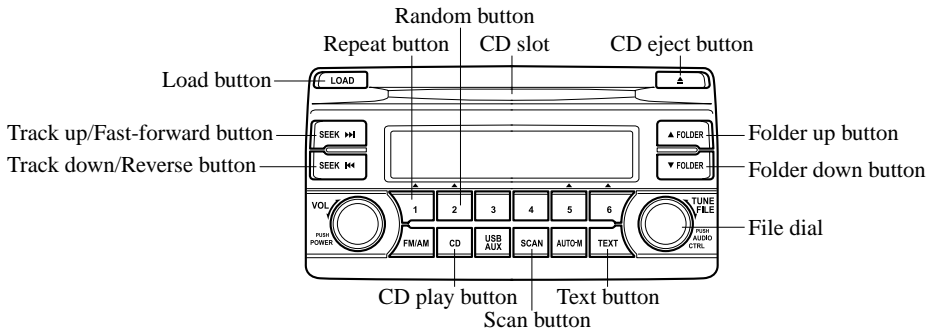
NOTE

If no stations can be tuned after scanning operations, "A" will be displayed.

Interior Features

Audio System

▼ Operating the Compact Disc (CD) Player



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

NOTE

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

Inserting the CD

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

NOTE

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

Ejecting the CD

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

Playback

Press the CD play button (CD) to start play when a CD is in the unit. If a CD is not in the unit when the CD play button (CD) is pressed, "NO DISC" will flash on and off.

NOTE

When the load button (LOAD) is pressed, the CD will load and play even if the CD eject button (▲) had been previously pressed.

Fast-forward/Reverse

Press and hold the fast-forward button (▶▶) to advance through a track at high speed. Press and hold the reverse button (◀◀) to reverse through a track at high speed.

Track search

Press the track up button (▶) or turn the file dial clockwise once to skip forward to the beginning of the next track. Press the track down button (◀) or turn the file dial counterclockwise once to skip back to the beginning of the current track.

Folder search (during MP3/WMA/AAC CD playback)

To change to the previous folder, press the folder down button (▼), or press the folder up button (▲) to advance to the next folder.

Interior Features
Audio System

Music scan

During music CD playback

This function scans the titles on a CD and plays 10 seconds of each song to aid you in finding a song you want to listen to. Press the scan button (**SCAN**) during playback to start the scan play operation (the track number will flash). Press the scan button (**SCAN**) again to cancel scan playback.

During MP3/WMA/AAC CD playback

This function scans the titles in a folder currently being played and plays 10 seconds of each song to aid you in finding a song you want to listen to. Press the scan button (**SCAN**) during playback to start the scan play operation (the track number will flash). Press the scan button (**SCAN**) again to cancel scan playback.

NOTE

If the unit is left in scan, normal playback will resume where scan was selected.

Repeat playback

During music CD playback

Press the repeat button (1) during playback to repeat the playback of the current song. "TRACK RPT" is displayed during playback. Press the repeat button (1) while displaying the "TRACK RPT" to cancel.

During MP3/WMA/AAC CD playback

(Track repeat)

Press the repeat button (1) during playback to repeat the playback of the current song. "TRACK RPT" is displayed during playback.

Press the repeat button (1) two times while displaying the "TRACK RPT" to cancel.

(Folder repeat)

Press the repeat button (1) two times during playback to repeat the playback of the current song in the folder. "FOLDER RPT" is displayed during playback.

Press the repeat button (1) while displaying "FOLDER RPT" to cancel.

Random playback

During music CD playback

Press the random button (2) during playback to play the tracks in the CD randomly. "DISC RDM" is displayed during playback.

Press the random button (2) while displaying "DISC RDM" to cancel.

During MP3/WMA/AAC CD playback

(Folder random)

Press the random button (2) during playback to play the tracks in the folder randomly. "FOLDER RDM" is displayed during playback.

Press the random button (2) two times while displaying "FOLDER RDM" to cancel.

Interior Features

Audio System

(CD random)

Press the random button (2) two times during playback to play the songs on the CD randomly. "DISC RDM" is displayed during playback.

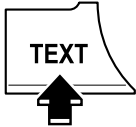
Press the random button (2) while displaying "DISC RDM" to cancel.

Switching the display

For files with a file name and other information that have been input, the display switches between display of the file name and other information each time the text button (TEXT) is pressed during playback.

Music CD

Track number/Elapsed time



Track name

Album name

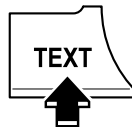
Artist name

MP3/WMA/AAC CD

File number/Elapsed time

Folder number/File number

File name



Folder name

Album name

Song name

Artist name

NOTE

- The information viewable in the display is only CD information (such as artist name, song title) which has been recorded to the CD.
- This unit cannot display some characters. Characters which cannot be displayed are indicated by an asterisk (*).

Display scroll

Only 9 characters (File name) or 13 characters (Except file name) can be displayed at one time. To display the rest of the characters of a long title, press and hold the text button (TEXT). The display scrolls the next 13 characters. Press and hold the text button (TEXT) again after the last 13 characters have been displayed to return to the beginning of the title.

Interior Features
Audio System

NOTE

The number of characters which can be displayed is restricted.

Message display

If “CHECK CD” is displayed, it means that there is some CD malfunction. Check the CD for damage, dirt, or smudges, and then properly reinsert. If the message appears again, take the unit to an Authorized Mazda Dealer for service.

▼ How to use Auxiliary jack/USB port*

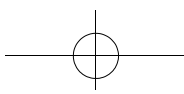
Audio can be heard from the vehicle's speakers by connecting a commercially-available portable audio unit to the auxiliary jack. In addition, audio can be played from the vehicle audio device by connecting USB memory or an iPod to the USB port.

Refer to AUX/USB/iPod mode on page 5-58.

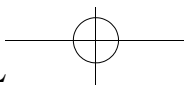
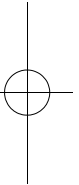
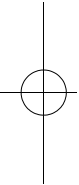
▼ Error Indications

If you see an error indication on the display, find the cause in the chart. If you cannot clear the error indication, take the vehicle to an Authorized Mazda Dealer.

Indication	Cause	Solution
CHECK CD	CD is inserted upside down	Insert the CD properly. If the error indication continues to display, consult an Authorized Mazda Dealer.
	CD is defective	Insert another CD properly. If the error indication continues to display, consult an Authorized Mazda Dealer.



MEMO

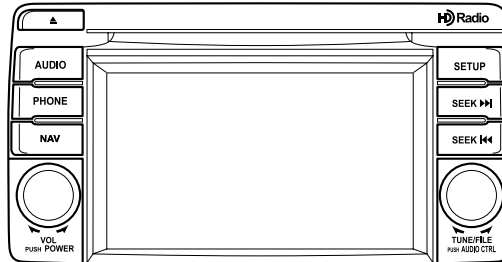


Interior Features
Audio System

Audio Set (Type B)

⚠ CAUTION

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

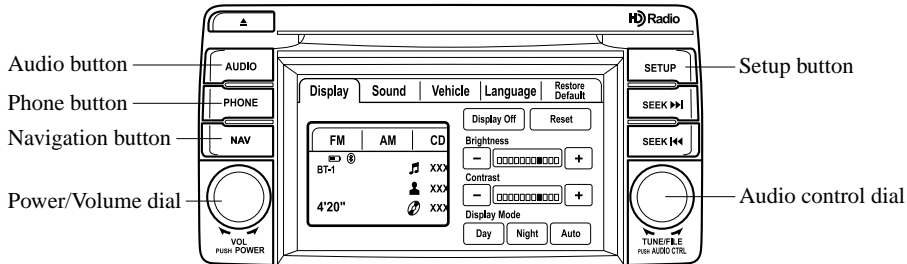


① Power/Volume/Display/Sound Controls	page 5-36
② Operating the Radio	page 5-40
③ Operating the Satellite Radio	page 5-44
④ Operating the Compact Disc (CD) Player	page 5-52
⑤ How to use the Auxiliary jack/USB port	page 5-55
⑥ Error Indication	page 5-55
⑦ Setup	page 5-55

Interior Features

Audio System

▼ Power/Volume/Display/Sound Controls



Power ON/OFF

Switch the ignition to ACC or ON. Press the power/volume dial to turn the audio system on. Press the power/volume dial again to turn the audio system off.

Volume adjustment

To adjust the volume, turn the power/volume dial. Turn the power/volume dial to the right to increase volume, to the left to decrease it.

Display setting

Press the setup button (SETUP) to display the display setting screen. Touch the **Display** on-screen tab to select the item you would like to change.

Brightness adjustment

- +** : Increase brightness
- : Decrease brightness

Contrast adjustment

- +** : Higher contrast
- : Lower contrast

Tint adjustment^{*1}

- +** : Green tint enhancement color
- : Red tint enhancement color

*1 Adjustment can be performed only while in the rear view camera mode.

Color adjustment^{*1}

- +** : To deepen a color
- : To fade a color

*1 Adjustment can be performed only while in the rear view camera mode.

Daytime/nighttime screen setting

The daytime or nighttime screen can be selected even if the headlights are illuminated or turned off (when bright screen is required at night or dark screen is required at noon).

- Day** : Daytime screen setting
- Night** : Nighttime screen setting
- Auto** : Switches screen automatically according to headlight illumination condition

Display OFF

The display can be turned off. Touch the **Display off** on-screen button to turn the display off.

Interior Features
Audio System

The display can be turned back on as follows:

- Press the audio button (**AUDIO**) to display the audio screen.
- Press the navigation button (**NAV**) to display the navigation screen.
- Press the phone button (**PHONE**) to display the Bluetooth[®] dial screen.
- Press the setup button (**SETUP**) to display the setup dial setting screen.
- Press the audio control dial to display the setup sound setting screen.
- Shift to the R position to change to the rear view camera mode.
 Shift to a position other than R to return to the display off condition.

NOTE

- *When an automatic audio operation such as going to the next song on the playlist occurs, the information concerning the audio operation is displayed even with the display turned off.*
- *The screen can also be turned off using voice recognition.*
 Refer to Component Parts on page 5-78.

Display setting reset

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

1. Touch the on-screen button.
2. Touch the on-screen button.

Audio sound adjustment

Press the audio control dial or touch the on-screen button to display the sound setting screen.

Indication	Setting value
Bass (Low pitch sound)	<input type="button" value="+"/> : Low pitch enhancement <input type="button" value="-"/> : Low pitch reduction
Treble (Treble sound)	<input type="button" value="+"/> : Treble enhancement <input type="button" value="-"/> : Treble reduction
Fader (Front/back volume balance)	<input type="button" value="Rear"/> : Front speaker volume reduction <input type="button" value="Front"/> : Rear speaker volume reduction
Balance (Left/right volume balance)	<input type="button" value="Left"/> : Right side volume reduction <input type="button" value="Right"/> : Left side volume reduction
Button Beep (Audio operation sound)	<input type="button" value="On/Off"/> : on/off*1
Auto Level Control*2 (Automatic volume adjustment)	<input type="button" value="+"/> : Level up <input type="button" value="-"/> : Level down
AudioPilot*3 (Automatic volume adjustment)	<input type="button" value="On/Off"/> : on/off
Centerpoint*3 (Automatic surround level adjustment)	<input type="button" value="On/Off"/> : on/off

*1 Some functions do not turn off

*2 Standard audio

*3 Bose[®] Sound System

Automatic Level Control (ALC)

The automatic level control 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.

Interior Features

Audio System

AudioPilot® 2*4

AudioPilot® 2 automatically adjusts audio volume and sound quality in accordance with the level of noise entering the vehicle interior while driving. When AudioPilot® 2 is turned on, the system automatically calculates the conditions for optimum hearing of sound which may be difficult to hear depending on exterior noise.

AudioPilot® 2 can be set on or off.

*4 AudioPilot® 2 is a registered trademark of Bose Corporation.

Centerpoint®*5

Centerpoint® offers you the experience of 5.1-channel surround sound in your vehicle even with your conventional 2-channel stereo CDs. Centerpoint® can be set on or off.

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

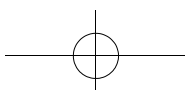
NOTE

- *Centerpoint® operates optimally with a 2-channel stereo CD. MP3 audio files can be played, however, MP3 audio files encoded with high compression may result in poor sound quality.*
- *Centerpoint® is available for 2-channel stereo audio except for AM radio/FM radio/AUX/Bluetooth® audio.*

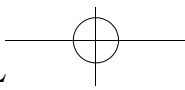
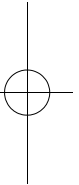
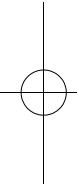
Sound setting reset

The settings for bass, treble, fade, and balance can be returned to their initial settings.

1. Touch the on-screen button.
2. Touch the on-screen button.



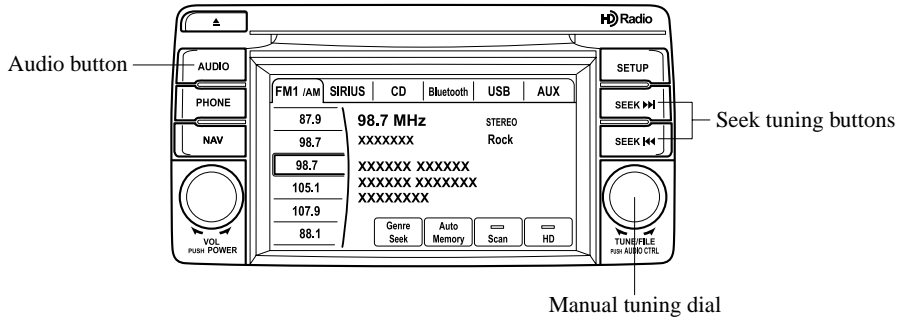
MEMO



Interior Features

Audio System

▼ Operating the Radio



Radio ON

Press the audio button (**AUDIO**) and touch the **FM1 /AM** on-screen tab.

Band selection

Touch the **FM1 /AM** on-screen tab to switch the band as follows:
FM1→FM2→AM

NOTE

- **FM1/FM2** is displayed when FM1 is selected, **FM2 /AM** is displayed when FM2 is selected, and **FM/AM** is displayed when AM is selected.
- If the FM broadcast signal becomes weak, reception automatically changes from **STEREO** to **MONO** for reduced noise, and the “**STEREO**” indicator will no longer display.

Tuning

The radio has the following tuning methods: Manual, Seek, Scan, Preset channel, and Auto memory tuning. The easiest way to tune stations is to set them on preset channels.

NOTE

If the power supply is interrupted (fuse blows or the battery is disconnected), the preset channels will be erased.

Manual tuning

Turning the manual tuning dial will change the frequency higher or lower.

NOTE

When an HD Radio broadcast is being received, a receivable multicast channel is also received.

Seek tuning


Pressing the seek tuning button (**►►**, **◄◄**) will cause the tuner to seek a higher or lower frequency automatically.

NOTE


- If you continue to press and hold the seek tuning button (**►►**, **◄◄**) the frequency will continue changing without stopping.
- When an HD Radio broadcast is being received, a receivable multicast channel is also received.

Interior Features
Audio System

Scan tuning

You can search for receivable radio stations by touching the  on-screen button.

Scanning stops at each station for about five seconds.

Touch the  on-screen button one time during reception to continue receiving a broadcasting station.

Preset channel tuning

The six preset channels can be used to store six AM and twelve FM stations.


1. To set a channel, first select AM, FM1, or FM2. Tune to the desired station.
2. Press and hold any of the preset on-screen buttons. The reception frequency is programmed and displayed on the preset button.
3. Repeat this operation for the other stations and bands you want to store. When receiving a programmed frequency, select AM, FM1, or FM2 and touch the preset on-screen button.


NOTE

The programmed frequency is displayed on the preset button.


Auto memory tuning

This is especially useful when driving in an area where the local stations are unknown. Additional AM/FM stations can be stored without disturbing the previously set channels.

1. Touch the  on-screen button. The auto memory preset list is displayed and the previously tuned frequency is received.

2. Touch the  on-screen button to display the frequencies of up to ten radio stations on the auto memory preset list.
3. Touch the desired frequency.

NOTE

Touch the  on-screen button during auto memory tuning to return to the AM/FM main screen.

Radio Data System (RDS)

Radio text information display


A maximum of 64 characters of radio text information sent from a broadcasting station is displayed in the audio display.

NOTE

Radio text information is a function of FM radio. Text information is not displayed in the following:

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

Genre Seek


Some FM stations transmit Genre codes (Program type like a Rock, News, and so on). This code enables alternative stations transmitting the same Genre code to be found quickly. To select from the genre list, touch the  on-screen button while in the FM mode and the desired Genre Seek.


(To scan for Genre Seek:)


1. Touch the genre type which you want to select.

Interior Features

Audio System

2. When  is touched, a higher frequency station is selected from the frequencies being received and a radio station corresponding to the selected genre is located.

When  is touched, a lower frequency station is selected from the frequencies being received and a radio station corresponding to the selected genre is located.

When  on-screen button is touched during genre selection, the radio frequency switches in the order of stations having the best reception.


(Example)

If the radio frequency currently being received is 89.3, the frequency switches as follows:

89.3→98.3*1→104.3*1→98.7→107.1

*1 Radio stations with good reception

NOTE

- Only one Genre can be selected.
- Touch the  on-screen button to return to the FM1 or FM2 main screen.
- If the radio reception conditions are poor, it may not be possible to receive even one station even if the genre seek button is pressed.
- If a program in the selected genre is not broadcast to a region, reception is not possible even if the reception conditions are good.
- The Genre Seek function searches for genre code (program type) which FM analog broadcasts transmit. Digitally broadcast HD Radio specialty programs (HD2-HD8) cannot be searched.
- 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.

Interior Features Audio System

Benefits of HD Radio™ Technology





(Information)



The song title, artist 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  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. For FM, , and for AM,  is displayed, and the  illuminates in orange.





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

Multicast channel selection (FM)

Press   on-screen button to switch to the multi-cast channel for the displayed number.

The number of multi-cast channels which can be received differs depending on the radio station.

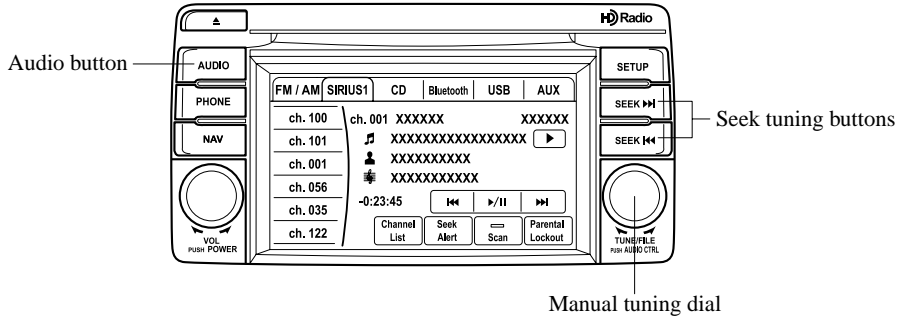
NOTE

- 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.
- If the reception conditions worsen while receiving an HD specialty channel (HD2 to HD8), “No HD signal” is displayed, and audio output stops.
- Once an analog broadcast is received when HD1 is selected from the preset channels, it is switched to HD Radio automatically. If the radio reception conditions are poor, or  is off, switching to HD Radio broadcasts is not possible.
- When an HD specialty channel (HD2 to HD8) is selected from the preset channels, “No HD signal” is displayed and no audio is output until HD Radio is received. If the radio reception conditions are poor, “No HD signal” continues to be displayed.
- If the  is not illuminated or does not illuminate in orange, information such as song titles of the HD Radio station are received, however, the audio output is analog. If information can no longer be received and the non-reception condition continues,  and  on-screen buttons disappear.

Interior Features

Audio System

▼ Operating the Satellite Radio*



What is satellite radio?

With over 130 channels, SIRIUS 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 SIRIUS Satellite Radio today! For more information, visit www.sirius.com. Satellite radio can be subscribed to and received in the United States (Except Alaska and Hawaii) and Canada.

How to Activate Satellite Radio

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

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

To activate your SIRIUS radio tuner, call a SIRIUS customer service specialist at 1-888-539-7474 or you can visit SIRIUS online at www.sirius.com.

Please have the following information ready:

- SIRIUS ID (12-digit electronic serial no, or ESN*1)
- Valid credit card information (may not be required at initial sign-up)

*1 ESN: Electronic Serial Number
Be sure you are parked outside with a clear view of open sky, you will be instructed to turn on your radio (in SIRIUS mode and tuned to channel 184). Activation typically takes only 2—5 minutes.

Interior Features
Audio System


Displaying the SIRIUS ID (ESN)


Turn the manual tuning dial and select channel 0 to display the twelve-digit Electronic Serial Number (ESN) for the SIRIUS tuner.

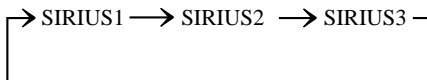
SIRIUS operation

All operations of the satellite radio are conducted by means of the audio unit.




SIRIUS radio mode selection

Touch the  on-screen tab on the audio screen to receive the previously received SIRIUS channel.

Every time the  on-screen tab is touched, the bank changes in the order shown below.



NOTE

- *SIRIUS1, SIRIUS2 and SIRIUS3: six stations can be stored in each bank for convenient access to your favorite stations.*
-  is displayed when SIRIUS1 is selected,  is displayed when SIRIUS2 is selected, and  is displayed when SIRIUS3 is selected.

Operation in the initial state

It may take some time to start up the equipment when it is in the initial state, when there is a change in the user's subscription condition, when the firmware is updated or when the SIRIUS channel map is changed.

“Updating Channels XXX %” is displayed when the SIRIUS channel map is changed.

If the user contract content is changed, “Subscription Updated” is displayed. When the firmware is updated, the “Updating Receiver” is displayed. Updating could take as long as a few minutes depending on the geographical area. When the unit is in an initialized state, channel 184 is displayed after the display indicates “Updating Receiver”.


NOTE

Do not perform the following operation while “Updating Channels XXX %”, “Updating Receiver” is displayed. Otherwise, the updating procedure will be canceled.


- *Turning off the audio power*
- *Switching to other modes*
- *Switching the ignition off*

When the SIRIUS mode is switched to another mode, or when the power is turned off, the present channel which is being received is stored as the last channel.



Channel up

Turn the manual tuning dial to the right or press the seek up button ().

Channel down

Turn the manual tuning dial to the left or press the seek down button ().

NOTE

The channel is continuously switched to the next or previous channel while the seek tuning button (, ) is continuously pressed.

Unsubscribed channel

When a channel which has been preset becomes unsubscribed or the current channel being listened to becomes unsubscribed, the following is displayed: “Call 888-539-SIRIUS”
“to subscribe”

Interior Features

Audio System

NOTE

When the subscription contract is canceled, all of the channels including channel 184 appear as unsubscribed.

Preset channel programming

1. Select the desired channel to be programmed.
2. Long-press any of the preset on-screen buttons.

NOTE

Six stations can be stored in each bank, SIRIUS1, SIRIUS2 and SIRIUS3 for convenient access to your favorite stations.

Preset channel call-up


Touch the preset on-screen button for the channel which you want to select.

NOTE

In the initial setting, all channels are preset to 184.

Selection from channel list

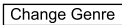
Receivable channels can be displayed on the channel list screen. You can easily select the channel you want to listen from the list. Each category can be also displayed.


1. Touch the  on-screen button.
2. Touch the channel you want to listen from the list.

NOTE

Currently available channels (including parental locked channels) are all displayed in the list.

(Select from category list)


1. Touch the  on-screen button on the channel list screen.


2. Touch the category name which you want to select from the list. Touch the  on-screen button to return to the channel list screen.

NOTE

A category can be set only when a channel which belongs to a category is being received.

Scan tuning

Touch the  on-screen button to automatically sample stations. Scanning stops at each station for about five seconds.

To hold a station, touch the  on-screen button again during this interval.

NOTE

Unsubscribed channels, invalid channels, parental lock channels and channel 0 are not subject to the scan, therefore these channels will skip automatically.



Channel number, channel name, category name, artist name, song titles and information display

The information regarding the channel which is currently being received is displayed.

NOTE


If channels not subscribed and parental locked channels can be received, the channel name, category name, artist name, song title and information is displayed.

Display scroll




If a whole title cannot be displayed at one time, touch the  on-screen button on the right side of the title. When the last character is displayed, touch the  on-screen button to display the first character of the title.


Interior Features Audio System


NOTE


The  on-screen button is displayed only if a whole title cannot be displayed at one time.

Instant replay

This function allows you to rewind and replay the program that you were previously or are currently listening to. When the  on-screen button is touched, playback starts from the beginning of the current program. When the  on-screen button is touched twice, playback starts from the beginning of the previous program. Touch and hold the  on-screen button to reverse the program while the button is being pressed.


When the  on-screen button is touched, playback starts from the beginning of the next program.


When the  on-screen button is touched while the last program is being played, the instant replay mode is canceled.

Touch and hold the  on-screen button to fast-forward the program while the button is being pressed.

When touching and holding the button until the end of the program, the instant replay mode is canceled.

Instant replay (PAUSE)



If the  on-screen button is touched, instant replay mode is turned on in a paused condition (PAUSE).

Touch the  on-screen button again to resume playback from the point at which it was paused.

Parental lock


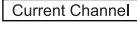

Parental lock, parental unlock, parental lock code change, and parental lock code reset can be set.

NOTE

- Touch the  on-screen button during all the settings to return to the previous display.
- Touch the  on-screen button during the code and master code input to delete an input number.
- If only a four-digit code or master code is input, "Done" can be selected.
- If the registered code has been forgotten, reset the code in "Initialize Parental Code" to [0000].

Parental lock

If a channel is locked, the channel is muted.


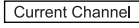

1. Turn the manual tuning dial to select the desired channel.
2. Touch the  on-screen button to display the settings screen.
3. Touch the  on-screen button to display the parental lock settings screen.
4. "Input Parental Code" is displayed, and input of the registered code is possible. To enter a number, use the numerical keypad.
5. After inputting the four digits, touch the  on-screen button to confirm the four digits.
6. If the four digits match the registered code, "Channel XXX locked" appears and mute is turned on. If they do not match the registered code, "Wrong code" appears and then the display returns to "Input Parental Code".

Interior Features

Audio System


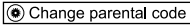
Parental unlock



Channels locked using the parental lock function can be unlocked.

1. Select a channel to be unlocked by turning the manual tuning dial.
2. Touch the  on-screen button to display the settings screen.
3. Touch the  on-screen button to display the parental unlock settings screen.
4. “Input Parental Code” is displayed, and input of the registered code is possible. To enter a number, use the numerical keypad.
5. After inputting the four digits, touch the  on-screen button to confirm the four digits.
6. If the four digits match the registered code, “Channel XXX unlocked” appears and mute is canceled. If they do not match the registered code, “Wrong code” appears and then the display returns to “Input Parental Code”.

Parental-lock code change

When changing the code, the new code is input after the previous one is input first.

1. Touch the  on-screen button to display the settings screen.
2. Touch the  on-screen button to display the code change screen.
3. “Enter Current Code” is displayed, and input of the registered code is possible. To enter a number, use the numerical keypad.


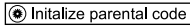
4. After inputting the four digits, touch the  on-screen button to confirm the four digits.
5. If the four digits match the registered code, “Enter New Code” is displayed. If they do not match the registered code, “Wrong code” appears and then the display returns to “Enter Current Code”. To enter a number, use the numerical keypad.
6. After inputting the four digits, touch the  on-screen button to confirm the four digits.
7. “Code changed” appears to indicate that the new code input has been completed.
8. The display returns to its normal display.

NOTE

Channels locked before changing the code remain after changing the code. To unlock a channel, input the changed code.

Parental-lock code reset

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

1. Touch the  on-screen button to display the settings screen.
2. Touch the  on-screen button to display the code initial screen.
3. “Enter Master Code” is displayed, and input of the registered code is possible. To enter a number, use the numerical keypad.


Interior Features
Audio System

NOTE

Master code:

The Master Code is used to initialize or re-initialize the code in the event that the code is not set to [0000] and/or the personalized code is not known. The initialization process resets the code to [0000]. The master code can potentially defeat the intent of the security of the parental lock if it is located by persons not authorized by the owner to access certain channels.

SIRIUS Satellite Radio Master Code: [0913]


4. After inputting the four digits, touch the  on-screen button to confirm the four digits.
5. If the four digits match the master code, "Code initialized" appears. If they do not match the master code, "Wrong code" appears and the display returns to "Enter Master Code".
6. The code returns to the default [0000] code.

Seek alert

The song title and artist name for the song currently being listened to, and team names at the sports game currently being listened to can be recorded as favorites.

The user is notified when a program begins which has favorites-related information recorded.


Selection from seek alert program list

Select the station you want to listen to from the list to receive the program. Touch the  on-screen button to return to the receiving screen.

Storing songs, artists, and sports team names

NOTE

- A maximum of 10 songs, artists, and sports team names each can be stored.
- If the song title, artist name, sports team name cannot be displayed, "No available items for this program" is displayed.
- Even if the song title, and artist name are displayed in the main screen, it may not be possible to record information for old songs.
- If a song name is stored, the song seek function is turned on.
- If an artist name is stored, the artist seek function is turned on.
- If a sports team name is stored, the game alert function is turned on.

1. Touch the  on-screen button to display the current song and artist names currently being received. The sports team name is displayed while the sports program is being received.
2. Select the item you want to store from song title, artist name and sports team name.
3. "XXXXX (song, artist, sports team name) stored" is displayed.

NOTE

If there is not enough available storage space, "Song Memory Full" or "Artist Memory Full" or "Team Memory Full" and "Delete one to store new one" are displayed. Delete from the list.

Interior Features

Audio System

Seek alert setting

On or off switching to song seek, artist seek, or game alert function, and deletion of stored information can be performed.

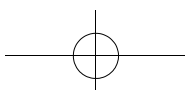
Touch the on-screen button and the on-screen button. Touch the button you want to change from , , or .

(On or off switching)

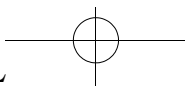
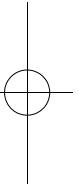
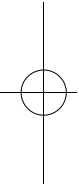
Touch the , , and on-screen button.

(Deletion)

1. Select song title, artist name, or sports team name that you want to delete from the list.
2. Touch the on-screen button to display “XXXXX (song, artist, sports team name) deleted”.



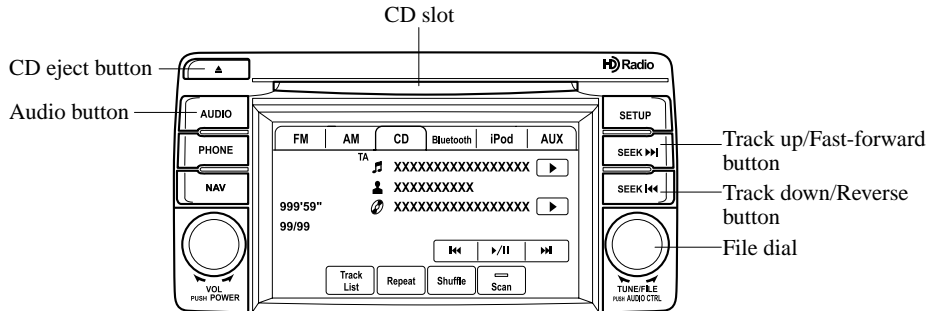
MEMO



Interior Features

Audio System

▼ Operating the Compact Disc (CD) Player



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

NOTE

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

Inserting the CD

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

NOTE

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

Ejecting the CD

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

Playback

Press the audio button (AUDIO) or on-screen tab with a CD inserted.

Pause

To pause playback, touch the on-screen button.

Touch the on-screen button during a pause to cancel it.

Fast-forward/Reverse

Operations using audio panel

Press and hold the fast-forward button (▶▶) to advance through a track at high speed.

Press and hold the reverse button (◀◀) to reverse through a track at high speed.

Operations on screen

Touch and hold the on-screen button to advance through a track at high speed.

Touch and hold the on-screen button to reverse through a track at high speed.

Interior Features
Audio System

Track search

Operations using audio panel

Press the track up button (▶▶) or turn the file dial clockwise once to skip forward to the beginning of the next track.

Press the track down button (◀◀) or turn the file dial counterclockwise once to skip back to the beginning of the current track.

Operations on screen

Touch the [▶▶] on-screen button once to skip forward to the beginning of the next track.

Touch the [◀◀] on-screen button once to skip back to the beginning of the current track.

Displaying file list

The desired file list in the CD can be viewed.

During music CD playback

Touch the [Track List] on-screen button to display the track list in the CD.

During MP3/WMA/AAC CD playback

(Viewing file list in desired folder)

1. Touch the [Folder List] on-screen button to display the folder list in the CD.
2. Touch the folder which you want to select.

(Viewing file list of current folder)

Touch the [Current Folder] on-screen button.

Selecting file/track

Select the file/track you want to play.

During music CD playback

1. Touch the [Track List] on-screen button to display the track list in the CD.
2. Touch the track you want to play.

During MP3/WMA/AAC CD playback

1. Touch the [Folder List] on-screen button to select the folder.
2. Touch the file you want to play.

NOTE

Press the [↶] on-screen button on the file list screen to display the list of folders.

Music scan

During music CD playback

This function scans the titles on a CD and plays 10 seconds of each song to aid you in finding a song you want to listen to.

1. Touch the [Scan] on-screen button during playback to play 10 seconds of each subsequent track starting from the next song.
2. Touch the [Scan] on-screen button during playback of the song you want to listen to and continue the playback from that point.

During MP3/WMA/AAC CD playback

This function scans the titles in a folder currently being played and plays 10 seconds of each song to aid you in finding a song you want to listen to.

1. Touch the [Scan] on-screen button during playback to play 10 seconds of each subsequent track starting from the next song.
2. Touch the [Scan] on-screen button during playback of the song you want to listen to and continue the playback from that point.

Interior Features



Audio System



NOTE

- If the unit is left in scan, normal playback will resume where scan was selected.
- If all the tracks are scanned, the unit will resume normal playback.

Repeat playback



During music CD playback



Touch the  on-screen button during playback to play the song currently being played repeatedly. “” is displayed during playback.

Touch the  on-screen button while “” is displayed to cancel.



During MP3/WMA/AAC CD playback



(Track repeat)

Touch the  on-screen button to play the song during playback repeatedly. “” is displayed during playback.

Touch the  on-screen button two times while “” is displayed to cancel.



(Folder repeat)



Touch the  on-screen button two times to play the songs in the folder repeatedly. “” is displayed during playback.

Touch the  on-screen button while “” is displayed to cancel.

Shuffle playback



During music CD playback



Touch the  on-screen button during playback to play the songs in the CD shuffle. “” is displayed during playback.

Touch the  on-screen button while “” is displayed to cancel.



During MP3/WMA/AAC CD playback



(Folder shuffle)

Touch the  on-screen button during playback to play the songs in the folder shuffle. “” is displayed during playback.



Touch the  on-screen button two times while “” is displayed to cancel.

(CD shuffle)


Touch the  on-screen button two times during playback to play the songs in the CD shuffle. “” is displayed during playback.

Touch the  on-screen button while “” is displayed to cancel.

Display scroll

If a whole title cannot be displayed at one time, touch the  on-screen button on the right side of the title. When the last character is displayed, touch the  on-screen button to display the first character of the title.

NOTE

- The  on-screen button is displayed only if a whole title cannot be displayed at one time.
- The information viewable in the display is only CD information (such as artist name, song title) which has been recorded to the CD.
- This unit cannot display some characters. Character which cannot be displayed are indicated by an asterisk (*).
- The number of characters which can be displayed is restricted.

Interior Features
Audio System

Message Display

If “CD Error” is displayed, it means that there is some CD malfunction. Check the CD for damage, dirt, or smudges, and then properly reinsert. If the message appears again, take the unit to an Authorized Mazda Dealer for service.

▼ How to use Auxiliary jack/USB port*

Audio can be heard from the vehicle's speakers by connecting a commercially-available portable audio unit to the auxiliary jack. In addition, audio can be played from the vehicle audio device by connecting USB memory or an iPod to the USB port.

Refer to AUX/USB/iPod mode on page 5-58.

▼ Error Indications

If you see an error indication on the display, find the cause in the chart. If you cannot clear the error indication, take the vehicle to an Authorized Mazda Dealer.

Indication	Cause	Solution
CD Error	CD is inserted upside down	Insert the CD properly. If the error indication continues to display, consult an Authorized Mazda Dealer.
	CD is defective	Insert another CD properly. If the error indication continues to display, consult an Authorized Mazda Dealer.

▼ Setup

You can customize settings in the setup display as follows:

Display

Refer to Power/Volume/Display/Sound Controls on page 5-36.

Sound

Refer to Power/Volume/Display/Sound Controls on page 5-36.

Vehicle

- Door Locks
- Light Control
- Wipers Control

1. Press the setup button (**SETUP**)
2. Touch the Vehicle on-screen tab to display the vehicle setting screen.
3. Touch the desired setting item.
4. Select the desired setup item from the list by touching it.
5. Touch the OK on-screen button.

Language

1. Press the setup button (**SETUP**).
2. Touch the Language on-screen tab to display the language setting screen.
3. Touch the desired language from the list.
4. Touch the OK on-screen button.


Default (Vehicle settings only)

1. Press the setup button (**SETUP**).
2. Touch the Restore Default on-screen tab.
3. Touch the Continue on-screen button.
4. Touch the YES on-screen button.

*Some models. **5-55**

Interior Features

Audio System

5. Touch the  on-screen button.

NOTE

The settings for display, sound, and language cannot be initialized.

Audio Control Switch Operation

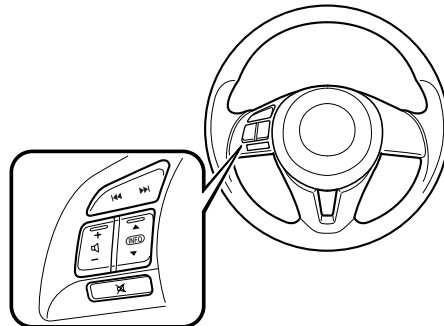
When the audio unit is turned on, operation of the audio unit from the steering wheel is possible.

NOTE

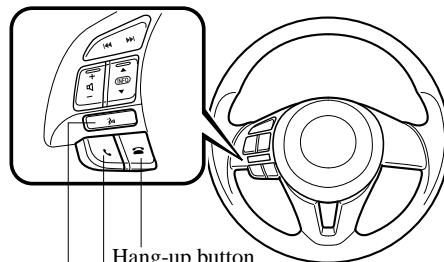
Because the audio unit will be turned off under the following conditions, the switches will be inoperable.

- When the ignition is switched off.
- When the power button on the audio unit is pressed and the audio unit is turned off.

Without Bluetooth® Hands-Free



With Bluetooth® Hands-Free



Hang-up button
Pick-up button
Talk button

Interior Features Audio System

NOTE

- The talk button, pick-up button, and hang-up button are operable with the audio unit turned off.
- Mazda has installed this system to prevent distraction while driving the vehicle and using audio controls on the dashboard. Always make safe driving your first priority.

▼ Adjusting the Volume

To increase the volume, press up the volume switch.

To decrease the volume, press down the volume switch.

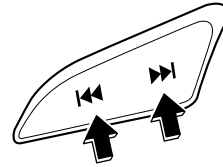


▼ Seek Switch

When listening to the radio, press the seek switch (▶▶, ◀◀). The radio switches to the next/previous stored station in the order that it was stored (1—6).

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 auto memory tuning can be called up by pressing the seek switch (▶▶, ◀◀) while any radio station stored in the auto memory tuning is being received. Radio stations can be called up in the order they were stored with each press of the switch (▶▶, ◀◀).



When playing a CD or BT audio

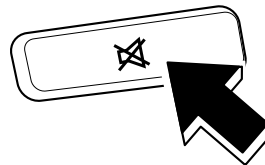
Press the seek switch (▶▶) to skip to the next track. Press the seek switch (◀◀) to repeat the current track. Press and hold the seek switch (▶▶, ◀◀) to continuously switch the tracks up or down.

▼ Mute Switch*

Press the mute switch (⊗) once to mute audio, press it again to resume audio output.

NOTE

If the ignition is switched off with the audio muted, the mute will be canceled. Therefore, when the engine is restarted, the audio is not muted. To mute the audio again, press the mute switch (⊗).

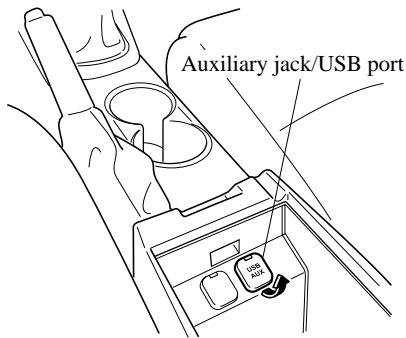


Interior Features

Audio System

AUX/USB/iPod mode *

Audio can be heard from the vehicle's speakers by connecting a commercially-available portable audio unit to the auxiliary jack. In addition, audio can be played from the vehicle audio device by connecting USB memory or an iPod to the USB port.



- ① How to use AUX mode page 5-60
- ② How to use USB mode (Type A) page 5-62
- ③ How to use USB mode (Type B) page 5-66
- ④ How to use iPod mode (Type A) page 5-70
- ⑤ How to use iPod mode (Type B) page 5-74

⚠ 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

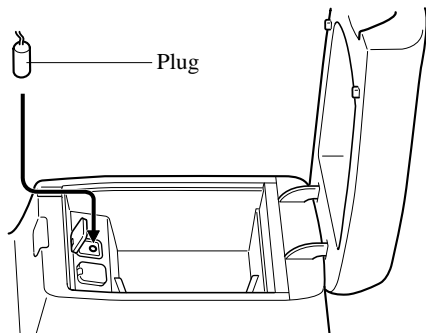
- Always close the auxiliary jack/USB port lid when it is not in use. If foreign matters or liquid penetrate the auxiliary jack/USB port, it may cause a malfunction.
- Depending on the portable audio device, noise may occur when using the device with it connected to the accessory socket equipped on the vehicle. (If noise occurs, do not use the accessory socket.)

Interior Features
Audio System

NOTE

- Before using the auxiliary jack/USB port, refer to the instruction manual for the portable audio device.
- Use a commercially-available, non-impedance (3.5 Φ) 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.
- Noise may occur depending on the product connected to the auxiliary jack.
- With regard to connecting a portable audio or similar device to a power source, use the battery for the device, not the accessory socket.

▼ How to connect USB port/iPod terminal



Connecting a device

1. Open the console lid.
2. Open the auxiliary jack/USB port lid.
3. Connect the device plug to the USB port.

Connecting with connector cable

1. Open the console lid.
2. Open the auxiliary jack/USB port lid.
3. Pass the connection plug cord through the cutout of the console and insert the plug into the auxiliary jack.

⚠ WARNING

Do not allow the connection plug cord to get tangled with the parking brake or the shift lever:

Allowing the plug cord to become tangled with the parking brake or 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 with the plug connected.

NOTE

- Insert the plug to 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.

Interior Features

Audio System

▼ How to use AUX mode

Type A



Type B



(Type A)

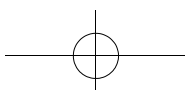
1. Switch the ignition to ACC or ON.
2. Press the power/volume dial to turn the audio system on.
3. Press the USB/AUX button (^{USB}_{AUX}) of the audio unit to change to the AUX mode.

(Type B)

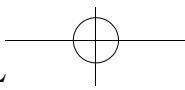
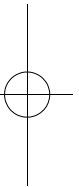
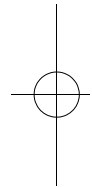
1. Switch the ignition to ACC or ON.
2. Press the power/volume dial to turn the audio system on.
3. Press the audio button (**AUDIO**) to display the audio screen.
4. Press the **AUX** on-screen tab to switch to the AUX mode.

NOTE

- When the device is not connected to the auxiliary jack, the mode does not switch to the AUX mode.
- Set the volume of the portable audio unit to the maximum within the range that the sound does not become distorted, then adjust the volume using the power/volume dial of the audio unit or the up/down switch of the audio control switch.
- Audio adjustments other than audio volume can only be done using the portable audio device.
- If the connection plug is pulled out from the auxiliary jack while in AUX mode, noise may occur.



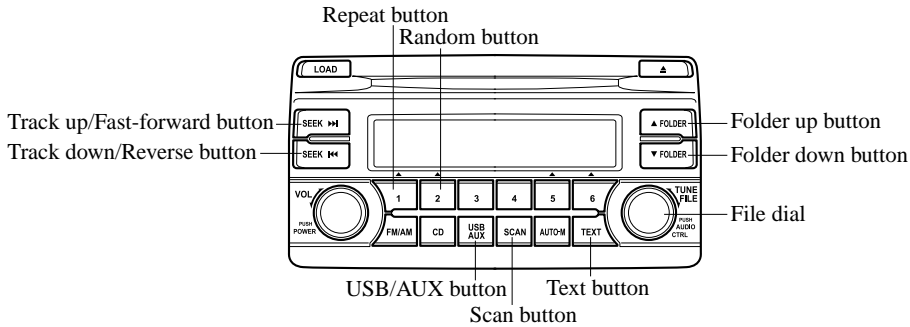
MEMO



Interior Features


Audio System

▼ How to use USB mode (Type A)



Type	Playable data
USB mode	MP3/WMA/AAC file


Playback


1. Switch the ignition to ACC or ON.
2. Press the power/volume dial to turn the audio system on.
3. Press the USB/AUX button () to switch to the USB mode and start playback.

NOTE



- When the USB memory is not connected, the mode does not switch to USB mode.
- When there is no playable data in the USB memory, "NO CONTENTS" is indicated.
- Playback of the USB memory is in the order of the folder numbers. Folders which have no MP3/WMA/AAC files are skipped.
- Do not remove the USB memory while in the USB mode. The data may be damaged.

Fast-forward/Reverse



Press and hold the fast-forward button () to advance through a track at high speed.

Press and hold the reverse button () to reverse through a track at high speed.

Track search



Press the track up button () or turn the file dial clockwise once to skip forward to the beginning of the next track. Press the track down button () or turn the file dial counterclockwise once to skip back to the beginning of the current track.

Folder search

To change to the previous folder, press the folder down button (), or press the folder up button () to advance to the next folder.

Music Scan

This function scans the titles in a folder currently being played and plays ten seconds of each song to aid you in finding a song you want to listen to.

Press the scan button () during playback to start the scan play operation (the track number will flash). Press the scan button () again to cancel scan playback.

NOTE

If the unit is left in scan, normal playback will resume where scan was selected.

Interior Features
Audio System

Repeat playback

(Track repeat)

Press the repeat button (1) during playback to play the current track repeatedly. "TRACK RPT" is displayed during playback.

Press the repeat button (1) two times while "TRACK RPT" is displayed to cancel.

(Folder repeat)

Press the repeat button (1) two times during playback to repeat the playback of the songs in the current folder. "FOLDER RPT" is displayed during playback.

Press the repeat button (1) while "FOLDER RPT" is displayed to cancel.

Random playback

(Folder random)

Press the random button (2) during playback to play the tracks in the folder randomly. "FOLDER RDM" is displayed during playback.

Press the random button (2) two times while "FOLDER RDM" is displayed to cancel.

(Media random)

Press the random button (2) two times during playback to play the songs in the USB memory randomly. "MEDIA RDM" is displayed during playback.

Press the random button (2) while "MEDIA RDM" is displayed to cancel.

Switching the display

For files with a file name and other information that have been input, the display switches between display of the file name and other information each time the text button (**TEXT**) is pressed during playback.

Folder number/File number

File number/Elapsed time display



File name

Folder name

Album name

Song name

Artist name

NOTE

- *The information (artist name, music name) is displayed only when the USB memory information in the USB memory has information which can be displayed on the screen.*
- *This unit cannot display some characters. Characters which cannot be displayed are indicated by an asterisk (*).*

Display scroll

Only 9 characters (File name) or 13 characters (Except file name) can be displayed at one time. To display the rest of the characters of a long title, press and hold the text button (**TEXT**). The display scrolls the next 13 characters. Press and hold the text button (**TEXT**) again after the last 13 characters have been displayed to return to the beginning of the title.

NOTE

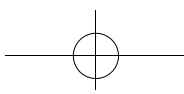
The number of characters which can be displayed is restricted.

Interior Features

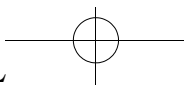
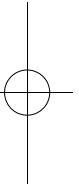
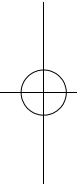
Audio System

Error Messages

When the message “CHECK USB” is displayed, it indicates that there is some error in the USB memory. Verify that the content recorded in the USB memory has MP3/WMA/AAC files and re-connect correctly. If the message reappears, have the unit checked by an Authorized Mazda Dealer.



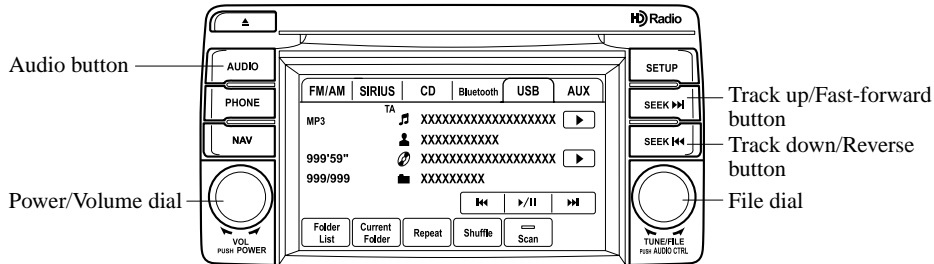
MEMO



Interior Features

Audio System

▼ How to use USB mode (Type B)



Type	Playable data
USB mode	MP3/WMA/AAC file

Playback

1. Switch the ignition to ACC or ON.
2. Press the power/volume dial to turn the audio system on.
3. Press the audio button (AUDIO) to display the audio screen.
4. Touch the [USB] on-screen tab to switch to USB mode and start playback.

NOTE

- When a USB memory is not connected to the USB port, the mode does not switch to the USB mode even if the [USB] on-screen tab is touched.
- Do not remove the USB memory while in the USB mode. Otherwise, the data could be damaged.

Pause

Touch the [▶/||] on-screen button to pause playback.
 Touch the [▶/||] on-screen button while playback is paused to cancel the pause.

Fast-forward/Reverse

Operations using audio panel

Press and hold the fast-forward button (▶▶) to advance through a track at high speed.
 Press and hold the reverse button (◀◀) to reverse through a track at high speed.

Operations on screen

Touch and hold the [▶▶] on-screen button to advance through a track at high speed.
 Touch and hold the reverse button [◀◀] to reverse through a track at high speed.

Track search


Operations using audio panel

Press the track up button (▶▶) or turn the file dial clockwise once to skip forward to the beginning of the next track.
 Press the track down button (◀◀) or turn the file dial counterclockwise once to skip back to the beginning of the current track.

Operations on screen

Touch the [▶▶] on-screen button once to skip forward to the beginning of the next track.


Interior Features
Audio System

Touch the  on-screen button once to skip back to the beginning of the current track.


Displaying file list

The optional file list in the USB memory can be viewed.

(Viewing file list in optional folder)


Touch the  on-screen button to display the folder list in the USB memory. Touch the folder to display the file list.

(Viewing file list in the current folder)


Touch the  on-screen button.

Selecting file

Select a desired file to play the song.



1. Touch the  on-screen button to select the folder.
2. Touch the file you want to play.

NOTE

Press the  on-screen button on the file list screen to display the list of folders.

Music scan

This function scans the titles in a folder currently being played and plays ten seconds of each song to aid you in finding a song you want to listen to.



1. Touch the  on-screen button during playback to play 10 seconds of each subsequent track starting from the next song.
2. Touch the  on-screen button during playback to continue the playback from that point.



NOTE

If the unit is left in scan, normal playback will resume where scan was selected.



Repeat playback



(Repeating song during playback)

Touch the  on-screen button during playback. “” is displayed during playback.

Touch the  on-screen button two times while “” is displayed to cancel.



(Repeating folder during playback)



Touch the  on-screen button two times during playback. “” is displayed during playback.

Touch the  on-screen button while “” is displayed to cancel.



Shuffle playback



(To listen to tracks in shuffled order within a folder)

Touch the  on-screen button during playback. “” is displayed during playback.



Touch the  on-screen button two times while “” is displayed to cancel.

(To listen to tracks in shuffled order within USB memory)

Touch the  on-screen button two times during playback. “” is displayed during playback.

Touch the  on-screen button while “” is displayed to cancel.


Text scroll

If a whole title cannot be displayed at one time, touch the  on-screen button on the right side of each title. When the last character is displayed, touch the  on-screen button to display the first character of the title.

Interior Features

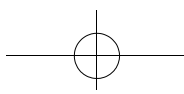
Audio System

NOTE

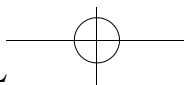
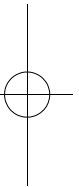
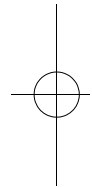
- The  on-screen button is displayed only when the whole title is not displayed.
- The information (artist name, music name) is displayed only when the USB memory has information which can be displayed on the screen.
- This unit cannot display some characters. Character which cannot be displayed are indicated by an asterisk (*).
- The number of characters which can be displayed is restricted.

Error Messages

If the message “USB Error” is displayed, it indicates that there is no playable file in the USB memory or there is an error in the USB memory. Verify that the content recorded in the USB memory has MP3/WMA/AAC files and re-connect correctly. If the message reappears, have the unit checked by an Authorized Mazda Dealer.



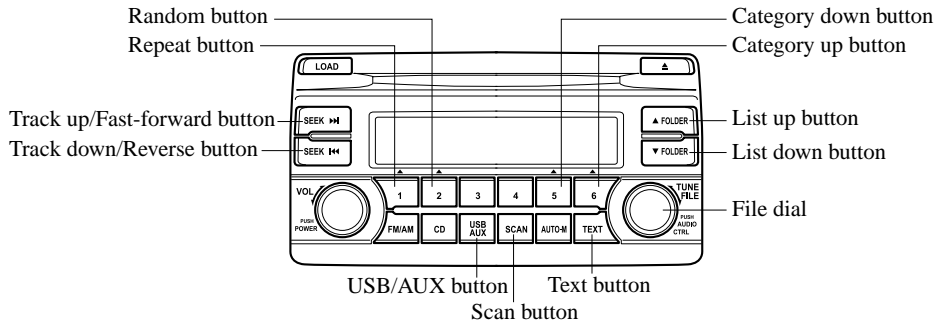
MEMO



Interior Features

Audio System

▼ How to use iPod mode (Type A)



Connectable iPod is as follows:


- iPod: 5G
- iPod classic
- iPod nano: 1/2/3/4/5G
- iPod touch*1: 1/2G
- iPhone*1: 3G/3GS

*1 For only iPod functions

NOTE

The iPod functions on the iPod cannot be operated while it is connected to the unit because the unit controls the iPod functions.


Playback


1. Switch the ignition to ACC or ON.
2. Press the power/volume dial to turn the audio system on.
3. Press the USB/AUX button () to switch to the iPod mode and start playback.

NOTE


- When an iPod is not connected, the mode does not switch to the iPod mode.
- When there is no playable data in the iPod, "NO CONTENTS" is flashed.
- Do not remove the iPod while in the iPod mode. Otherwise, the data could be damaged.



Fast-forward/Reverse

Press and hold the fast-forward button () to advance through a track at high speed.

Press and hold the reverse button () to reverse through a track at high speed.

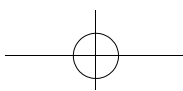
Track search

Press the track up button () or turn the file dial clockwise once to skip forward to the beginning of the next track.

Press the track down button () or turn the file dial counterclockwise within a few seconds after playback begins to track down. Press the track down button () or turn the file dial counterclockwise after a few seconds have elapsed to start playback from the beginning of the track. The time required to track down/start playback from the beginning of a track varies depending on iPod software version.

Category search

Press the category down button (5) to select the previous category and press the category up button (6) to select the next category.



Interior Features
Audio System

NOTE

The types of categories include Playlist, Artist, Album, Song, Podcast, Genre, Composer, and Audio book.

List search

Press the list down button (▼) to select the previous list and press the list up button (▲) to select the next list.

NOTE

When the selected category is Song or Audio book, there is no list.

Music Scan

This function scans the titles in a list currently being played and plays 10 seconds of each song to aid you in finding a song you want to listen to.

Press the scan button (SCAN) during playback to start the scan play operation (the track number will flash). Press the scan button (SCAN) again to cancel scan playback.

NOTE

If the unit is left in scan, normal playback will resume where scan was selected.

Repeat playback

Press the repeat button (1) during playback to repeat the playback of the song in the current list. "TRACK RPT" is displayed during playback.

Press the repeat button (1) while displaying "TRACK RPT" to cancel.

Random playback

(Song random)

Press the random button (2) during playback to play the tracks in the list randomly. "SONG RDM" is displayed during playback.

Press the random button (2) two times while "SONG RDM" is displayed to cancel.

(Album random)

Press the random button (2) two times during playback to play the songs in the iPod randomly. "ALBUM RDM" is displayed during playback.

Press the random button (2) while "ALBUM RDM" is displayed to cancel.

NOTE

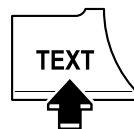
The track number being played randomly is in the order of the iPod shuffle table.

Switching the display

For files with a file name and other information that have been input, the display switches between display of the file name and other information each time the text button (TEXT) is pressed during playback.

File number/Elapsed time

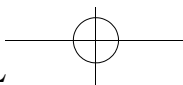
Category (Playlist title/Genre title /Composer title/Podcast title)



Artist name

Album name

Song name



Interior Features

Audio System

NOTE

- *The information (artist name, music name) is displayed only when the iPod has information which can be displayed.*
- *This unit cannot display some characters. Characters which cannot be displayed are indicated by an asterisk (*).*

Display scroll

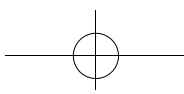
13 characters (Except file name) can be displayed at one time. To display the rest of the characters of a long title, press and hold the text button (**TEXT**). The display scrolls the next 13 characters. Press and hold the text button (**TEXT**) again after the last 13 characters have been displayed to return to the beginning of the title.

NOTE

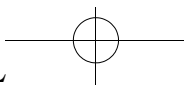
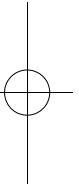
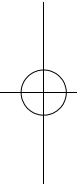
The number of characters which can be displayed is restricted.

Error Messages

If the message “CHECK iPod” is displayed, it indicates that there is a malfunction in the iPod. Verify that the content recorded in the iPod has playable files and connect correctly. If the message reappears, have the unit checked by an Authorized Mazda Dealer.

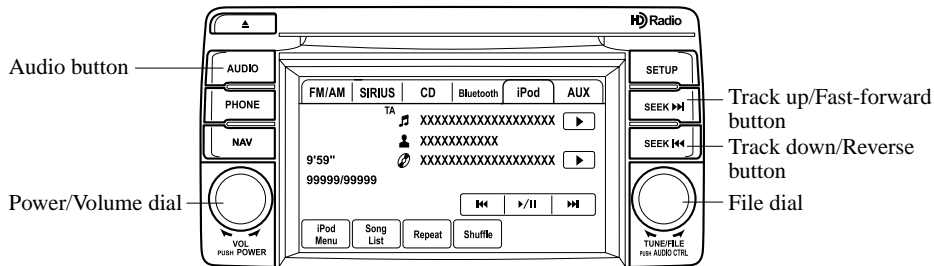


MEMO



Interior Features
Audio System

▼ **How to use iPod mode (Type B)**



The connectable iPods are as follows:

- iPod: 5G
- iPod classic
- iPod nano: 1/2/3/4/5G
- iPod touch*¹: 1/2G
- iPhone*¹: 3G/3GS

*1 Only iPod function

NOTE

The iPod functions on the iPod cannot be operated while it is connected to the unit because the unit controls the iPod functions.

Playback

1. Switch the ignition to ACC or ON.
2. Press the power/volume dial to turn the audio system on.
3. Press the audio button (AUDIO) to display the audio screen.
4. Touch the iPod on-screen tab to switch to the iPod mode and start playback.

NOTE

- When the iPod is connected to the USB port, the USB on-screen tab changes to the iPod on-screen tab.
- Do not remove the iPod while in the iPod mode. Otherwise, the data could be damaged.

Pause

Touch the >|| on-screen button to pause playback. Touch the >|| on-screen button while playback is paused to cancel the pause.

Fast-forward/Reverse

Operations using audio panel

Press and hold the fast-forward button (▶▶) to advance through a track at high speed.

Press and hold the reverse button (◀◀) to reverse through a track at high speed.

Operations on screen

Touch and hold the ▶▶ on-screen button to advance through a track at high speed.

Touch and hold the ◀◀ on-screen button to reverse through a track at high speed.

Interior Features
Audio System


Track search



Operations using audio panel

Press the track up button (▶▶) or turn the file dial clockwise once to skip forward to the beginning of the next track.

Press the track down button (◀◀) or turn the file dial counterclockwise within a few seconds after playback begins to track down. Press the track down button (◀◀) or turn the file dial counterclockwise after a few seconds have elapsed to start playback from the beginning of the track. The time required to track down/start playback from the beginning of a track varies depending on iPod software version.

Operations on screen

Touch the  on-screen button once to skip forward to the beginning of the next track.

Touch the  on-screen button within a few seconds after playback begins to track down. Touch the  on-screen button after a few seconds have elapsed to start playback from the beginning of the track. The time required to track down/start playback from the beginning of a track varies depending on iPod software version.


Displaying song list

The song list in the iPod can be viewed.

NOTE


The song list may not display depending on the conditions.

(Displaying optional list)


1. Touch the  on-screen button during playback.

2. Touch the category which you want to select. The record list or song list is displayed.

(Displaying a list being played)


Touch the  on-screen button.

NOTE

Press the  on-screen button to display the upper list.

Selecting from list



Select the desired song to play.



1. Press the  on-screen button to select the song list.
2. Touch the song you want to listen to.

NOTE

The selected song list becomes the play list.



Repeat playback



Touch the  on-screen button during playback. “” is displayed during playback.

Touch the  on-screen button two times while “” is displayed to cancel.



Shuffle playback



(Shuffling songs in list being played)

Touch the  on-screen button during playback. “” is displayed during playback.

Touch the  on-screen button two times while “” is displayed to cancel.

(Shuffling album in list being played)

Touch the  on-screen button two times during playback. “” is displayed during playback.

Touch the  on-screen button while “” is displayed to cancel.



Interior Features

Audio System


NOTE

The track number being shuffle played is in the order of the iPod shuffle table.

Text scroll

If a whole title cannot be displayed at one time, touch the  on-screen button on the right side of the title to display the whole title. When the last character is displayed, touch the  on-screen button to display the first character of the title.

NOTE

- The  on-screen button is displayed only when no titles are displayed.
- The information (artist name, music name) is displayed only when the iPod has information which can be displayed on the screen.
- This unit cannot display some characters. Characters which cannot be displayed are indicated by an asterisk (*).
- The number of characters which can be displayed is restricted.

Error Messages

If the message “iPod Error” is displayed, it indicates that there are no playable files in the iPod or there is a malfunction.

Verify that the content recorded in the iPod has playable files and re-connect correctly. If the message reappears, have the unit checked by an Authorized Mazda Dealer.

▼ Error Indications

If you see an error indication on the display, find the cause in the chart. If you cannot clear the error indication, take the vehicle to an Authorized Mazda Dealer.

Indication	Cause	Solution
CHECK USB		
USB Error	USB memory error	Connect other USB memory correctly. If the error indication continues to display, consult an Authorized Mazda Dealer.
CHECK iPod		
iPod Error	iPod malfunction	Connect other iPod correctly. If the error indication continues to display, consult an Authorized Mazda Dealer.

Interior Features
Bluetooth®

Bluetooth® *

Bluetooth® Hands-Free outline

When a Bluetooth® device (mobile phone) is connected to the vehicle's Hands-Free unit via radio wave transmission, a call can be made or received by pressing the talk button, pick-up button, hang-up button, or voice command on the steering wheel, or by operating the panel. 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 programmed to the Bluetooth® unit, you can listen to music recorded on the programmed 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.

▼ Before Using Bluetooth®

CAUTION

- *A device can be programmed only when the vehicle is parked.*
- *The types of Bluetooth® mobile device which can be connected to the Bluetooth® unit are limited. However, even among these Bluetooth® mobile device there are ones which cannot be connected or have limited functionality. Each Bluetooth® mobile device to be used with the Bluetooth® system needs to be checked individually for compatibility. Therefore, consult an Authorized Mazda Dealer, a Web support center, or a call center for information regarding Bluetooth® mobile device compatibility:*

- **U.S.A.**
Phone: 800-430-0153
Web: www.MazdaUSA.com/bluetooth
- **Canada**
Phone: 800-430-0153
Web: www.mazdahandsfree.ca
- **Mexico**
Center of Attention to Client (CAC)
Phone: 01-800-01-MAZDA
Web: www.MazdaUSA.com/bluetooth

NOTE

(Available Languages)

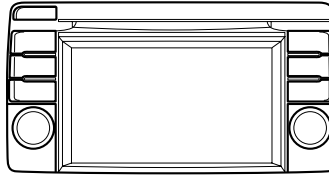
*The Bluetooth® Hands-Free System applies to the following languages:
English, Spanish, Canadian French.
Refer to Setup on page 5-55.*

Interior Features

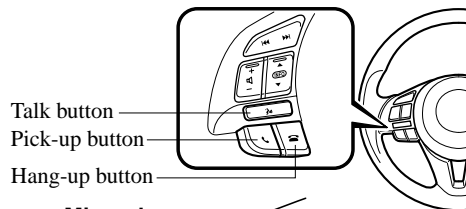
Bluetooth®

▼ Component Parts

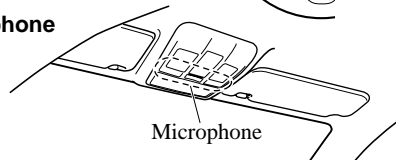
Audio unit



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



Microphone



Audio unit (Type B)

The audio unit (Type B) is used for volume adjustment and touch panel operation. Bluetooth® information is displayed in the display. The screen is switched by touching the tab for each function to be used.

CAUTION

Do not press the panel strongly or press it with a sharp-pointed object.


Display OFF


The audio unit display can be switched off by voice recognition operation.

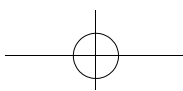
1. Press the pick-up button or talk button.
2. Say: [Beep] "Display OFF"

Numeral or symbol entry

Use the numerical keypad.

Long-press the  on-screen button to input + .

Touch the  on-screen button to delete the currently input value.



Activating navigation system (vehicles with navigation system)

The voice recognition command for the navigation system is activated.

1. Press the talk button.
2. **Prompt:** “Ready”
3. **Say:** [Beep] “Navigation”

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 button, pick-up button and hang-up button on the steering wheel.

Microphone (Hands-Free)

The microphone is used for speaking voice commands or exchanging conversation.


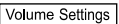


▼ Volume Adjustment

The power/volume dial of the audio unit 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.

Pre-setting

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

1. Touch the  on-screen tab to display the Bluetooth® setting screen.
2. Touch the  on-screen button to display the volume adjustment screen.
3. **(Volume up)** Touch the  on-screen button.
(Volume down) Touch the  on-screen button.
4. **Prompt:** “Phone call will be at this volume.” or “Voice guidance will be at this volume.”

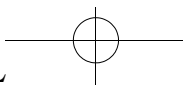
NOTE

The volume of the audio unit cannot be adjusted while Bluetooth® Hands-Free is being used.

▼ Voice Recognition

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

- The Hands-free system cannot perform voice recognition while voice guidance or a beep sound is operating. Wait until the voice guidance or the beep sound is finished before saying your commands.
- 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.
- Do not speak too slow or too loud.
- Speak clearly, without pausing between words or numbers.



Interior Features

Bluetooth®

- Close the windows and/or the moonroof to reduce loud noises from outside the vehicle, or turn down the airflow of the air-conditioning system while Bluetooth® Hands-Free is being used.
- Make sure the vents are not directing air towards the microphone.

NOTE

*If the voice recognition performance is not satisfactory.
Refer to Troubleshooting on page 5-93.*

Please be aware that the voice recognition may still make an error despite following the above points.

When operating the audio unit or the A/C while using Bluetooth® Hands-Free, the beep sounds or voice guidance (audio unit)/cannot be heard.

▼ How to Use This Section

Voice recognition

Descriptions in the text are as follows:

Say: Voice commands to be spoken by you.

Prompt: Voice guidance output from the speaker.

NOTE

Say voice commands after the beep sound [Beep] is heard.

Example)

Say: [Beep] “Dial”

Prompt: “Number, please”

Say: [Beep] “XXXXXXXXXXXX (Ex. “5551234”) (Telephone number)”

Bluetooth® Hands-Free Activation Method

Press the pick-up button or talk button. The Hands-Free system is activated. Functions of the Hands-Free telephone, such as making and receiving calls, can be used after the activation. Refer to Bluetooth® Hands-Free on page 5-84.

NOTE

- Press the pick-up button to activate the phone mode. Press the talk button to activate the main menu. The phone, tutorial, or navigation mode can be activated in the main menu.
- For vehicles with a navigation system, the system operates by saying a voice recognition command of the navigation system after pressing the talk button with a short press. For voice recognition details with the navigation system, refer to the separate “NAVIGATION SYSTEM Owner’s Manual”.

(Tutorial)

The tutorial explains how to use Bluetooth® Hands-Free.

To activate the tutorial, do the following:

1. Press the talk button.
2. **Prompt:** “Ready”
3. **Say:** [Beep] “Tutorial”
4. Follow the prompts to receive the appropriate voice guidance instructions.

Panel operation

Bluetooth® Hands-Free Activation Method

Press the phone button (**PHONE**).

Interior Features
Bluetooth®

The Hands-Free system is activated. Functions of the Hands-Free telephone, such as making and receiving calls, can be used after the activation. Refer to Bluetooth® Hands-Free on page 5-84.

▼ Bluetooth® Preparation

Device programming (Pairing)

To use Bluetooth® Audio and Hands-Free, the device equipped with Bluetooth® has to be programmed to the unit using the following procedure. A maximum of seven devices including Bluetooth® audio devices and Hands-Free mobile phones can be programmed to one vehicle.

NOTE

- *A device can be programmed only when the vehicle is parked. If the vehicle starts to move, the pairing procedure will end. Attempting to program while driving is dangerous, therefore, pick-up your device before you start driving. Park the car in a safe place before programming.*
- *Since the communication range of a Bluetooth® equipped device is about 10 meters (32 ft), if a device is placed within a 10-meter (32 ft) radius of the vehicle, it may be detected/programmed unintentionally while another device is being programmed.*

Concerning the operation of a Bluetooth® audio device itself, refer to its instruction manual. Some Bluetooth® audio devices have PIN codes (four digits). Refer to the audio device's instruction manual because the programming procedure differs depending on whether it has a PIN code or not.

Voice recognition

1. Press the pick-up button.

2. **Prompt:** “Available options are: Call, Dial, Redial, Call back , Setup or Emergency.”
3. **Say:** [Beep] “Setup”
4. **Prompt:** “This operation can only be performed using the vehicle display. Select the desired option on the display. Note that some options are only available when the vehicle is stopped. Exiting Hands-Free mode.”
5. The Bluetooth® setting screen is displayed and the voice recognition mode is finished. Go to Step 3 below for the “Panel operation”.

Panel operation

1. Touch the **Setup** on-screen button.
2. Touch the **Bluetooth Setup** on-screen button. The list of pairing devices is displayed.
3. Touch the **Add New Device** on-screen button to display the message and switch to the device operation.
4. Using the device, perform a search for the Bluetooth® device (Peripheral device).
5. Select “Mazda” from the device list searched by the device.

Interior Features

Bluetooth®

NOTE

- If the Bluetooth® version for your device is 2.1 or higher, the SSP (Secure Simple Pairing) is used for indicating the pairing type without a PIN code input. The following two pairing methods for the SSP are available, and either method is selected automatically and performed.
 - Just Works
 - Numeric Comparison
- Some devices accept only a particular pairing code (Usually, "0000" or "1234"). If pairing cannot be completed, refer to the owner's manual of your mobile device, and try those numbers if necessary.

6. **(Device with Bluetooth® version 2.0)**
Input the displayed 4-digit pairing code into the device.

(Device with Bluetooth® version 2.1 or higher)

- **Just Works is detected**
The pairing is performed automatically.
- **Numeric Comparison is detected**
Verify the displayed 6-digit code on the audio unit, which is also displayed on the device, and touch the on-screen button.

7. **(Device with PBAP profile)**
Call history (incoming/outgoing history) for the device is downloaded automatically.

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 display.

Device selection



If several devices have been programmed, the Bluetooth® unit links the device last programmed. If you would like to link a different programmed 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.

NOTE

If the device name cannot be displayed, "... " is added at the end of the title which is displayed.




Connecting other devices

1. Touch the on-screen tab.
2. Touch the device name which you want to connect to display the device information screen.
3. Touch the on-screen button to connect as a Hands-Free device. Touch the on-screen button to connect as a Bluetooth® audio device.
4. Touch the on-screen button.
5. **(Device with PBAP profile)**
Call history (incoming/outgoing history) for the device is downloaded automatically.


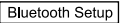


If the connection is completed, the device name is displayed. Touch the on-screen button to display the device list screen and display the  or  icon in the new device name which is connected.

Disconnecting a device

1. Touch the on-screen tab.
2. Touch the on-screen button.

3. Touch the device name which is currently connected to display the device information screen.
4. Touch the  on-screen button to disconnect the Hands-Free device.
Touch the  on-screen button to disconnect the audio device.
5. Touch the  on-screen button.

Registered device deletion

1. Touch the  on-screen tab.
2. Touch the  on-screen button.
3. Touch the device name which you want to delete.
4. Touch the  on-screen button.
5. Touch the  on-screen button.




NOTE

If you want to delete all of the pairing devices, perform the restore default.

Refer to Restore Default on page 5-83.





▼ Changing PIN Code

PIN code (4 digits) can be changed.

1. Touch the  on-screen tab.
2. Touch the  on-screen button.
3. Delete the PIN code which is currently set.
4. Input the new PIN code to be set.
5. Touch the  on-screen button.

▼ Restore Default

All the pairing device information and phonebook data can be deleted.

1. Touch the  on-screen tab.
2. Touch the  on-screen button.
3. Touch the  on-screen button.
4. Touch the  on-screen button.

Interior Features

Bluetooth®

Bluetooth® Hands-Free

Applicable Bluetooth® specification
Ver. 2.0 or higher

Response profile

- HFP (Hands-Free Profile) Ver. 1.5
- DUN (Dial-up Networking Profile) Ver. 1.1
- PBAP (Phone Book Access Profile) Ver. 1.0
- OPP (Object Push Profile) Ver. 1.1

NOTE

- *The Bluetooth® Hands-Free system is operable several seconds after the ignition is switched to ACC or ON (requires less than 15 seconds).*
- *If the ignition is switched off during a Hands-Free call, the line is transferred to the device (Mobile phone) automatically.*

▼ Making a Call Using a Telephone Number

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 move out only when fully under control and you can devote your eyes and mind to driving.

Voice recognition

1. Press the pick-up button.
2. **Prompt:** “Available options are: Call, Dial, Redial, Call back , Setup or Emergency.”
3. **Say:** [Beep] “Dial”
4. **Prompt:** “Dial. Number, please”
5. **Say:** [Beep] “XXXXXXXXXXXX (Ex. “5551234”) (Telephone number)

5-84

6. **Prompt:** “XXXXXXXXXXXX. (Ex “5551234”) (Telephone number (first choice))”
7. **Prompt:** “Press the pick-up button to dial, or continue to add numbers. You can also say ‘Option A’ or ‘Option B’ to replace the last block of digits with the displayed alternate, or say ‘Go Back’ to delete the last block of digits.”

NOTE

The options may not be indicated depending on the conditions.

8. **(Dialing)**

Press the pick-up button or say, “Dial”, then go to Step 9.

(Adding/inputting telephone number)

Say, “XXXX” (desired telephone number). Then go to Step 5.

(The last recognized telephone number is replaced by Option A or B)

Say, “Option A” or “Option B”. Then go to Step 6.

(Telephone number correction)

Say, “Go Back”. The prompt replies, “The last entered numbers have been removed”. Then go back to Step 4 or Step 7.


9. The call is made.

NOTE



The “Dial” command and a telephone number can be combined.

Ex. In Step 3, say, “Dial 1234567”, then, Steps 4 and 5 can be skipped.


Panel operation

1. Input the telephone number using the numerical keypad.
2. Touch the  on-screen button to make the call.

▼ Receiving an Incoming Call

1. **Prompt:** “Incoming call, press the pick-up button to answer”
2. To accept the call, press the pick-up button or touch the  on-screen button.
To reject the call, press the hang-up button or touch the  on-screen button.

▼ Hanging Up a Call

Press the hang-up button or touch the  on-screen button during the call.

▼ Help Function Use

The help function informs the user of all the available voice commands under the current conditions.

1. Press the pick-up button or talk button.
2. **Say:** [Beep] “Help”
3. Follow the prompts to receive the appropriate voice guidance instructions.

▼ Cancel

The Bluetooth® Hands-Free system transitions to standby status if the following operation is performed while the system is activating. Press the hang-up button, or the talk button with a long press.

▼ Returning to Previous Operation


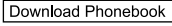


This command is for returning to the previous operation while in the voice recognition mode.

Say: [Beep] “Go Back”

▼ Phonebook Usage

Import contact (Download Phonebook)



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

1. Touch the  on-screen tab.
2. Touch the  on-screen button.
3. Touch the  or  on-screen button to switch to the device operation.

NOTE

- *If the phonebook has been already registered to the Hands-Free unit during “all phonebooks download”, the current phonebook is overwritten.*
 - *A maximum of 1000 contacts can be registered to the phonebook.*
 - *Phonebook, incoming/outgoing call record, and speed dialing memory is exclusive to each mobile phone to protect privacy.*
4. Download will be started from the mobile phone.

Phonebook data deletion

1. Touch the  on-screen tab.
2. Touch the contact information which you want to delete.
3. Touch the  on-screen button.

Interior Features

Bluetooth®

Making calls using the phonebook

Voice recognition

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

1. Press the pick-up button.
2. **Prompt:** “Available options are: Call, Dial, Redial, Call back , Setup or Emergency.”
3. **Say:** [Beep] “Call”
4. **Prompt:** “Call. Name, please.”
5. **Say:** [Beep] “XXXXXX... (Ex. “John”)”
(Say a name registered in the phonebook.)
The name spoken will be searched for in the phonebook.
If a contact is matched, go to Step 7.
If multiple contacts are matched, go to Step 6.

NOTE

If multiple contacts or a name with a similar pronunciation to the name you spoke has been registered to the phonebook, multiple contact information may be identified in the phonebook. If multiple contacts are identified in the phonebook, a maximum of three contacts are listed as a dialing choice.

6. **Prompt:** “Would you like to call XXXXX... (Choice 1)?”
(Person you would like to call)
Say: [Beep] “Yes.” Then go to Step 7.
(Person you do not want to call)
Say: [Beep] “No” Then go to Step 6
(Maximum 3 times)


7. **Prompt:** “Would you like to call XXXXX... (Ex. “John”) at home, at work, or mobile, or other... or press the hang-up button to exit Hands-Free mode.”
8. **Say:** [Beep] “XXXXX... (Ex. “at home”)”
9. **Prompt:** “XXXXX... (Ex. “John”) XXXX (Ex. “at home”). Press the pick-up button to call, or say Go Back to enter a different name.”
10. **(Dialing)** Press the pick-up button or say “Call”. Then go to Step 11.
(Name correction) Say, “Go Back”. Then go back to Step 4.
11. The call is made.

NOTE

The “Call” command and the voice tag can be combined.

Ex. In Step 3, say, “Call John’s phone”, then, Steps 4 and 5 can be skipped.

Panel operation

1. Touch the  on-screen tab to display the phonebook screen.
2. Touch the contact you would like to call to display the screen indicating the details for the contact.
3. Touch the desired phone number to make the call.

Interior Features
Bluetooth®

▼ **Making a Call Using the Call History**

A call can be made using the call history (incoming/outgoing history) downloaded from the mobile phone (Redial/Call back). The call history is downloaded automatically when connecting or pairing the Hands-Free and mobile phone.

Redial Function

1. Press the pick-up button.
2. **Prompt:** “Available options are: Call, Dial, Redial, Call back , Setup or Emergency.”
3. **Say:** [Beep] “Redial”
4. A call is made to the most recent call in the Call history (outgoing).

Call back Function

1. Press the pick-up button.
2. **Prompt:** “Available options are: Call, Dial, Redial, Call back , Setup or Emergency.”
3. **Say:** [Beep] “Call back”
4. A call is made to the most recent call in the Call history (incoming).

▼ **Emergency calls**

A call can be made to the emergency phone number (911: U.S.A/Canada, 066: Mexico) using the voice input command. It may not function properly in some areas in Mexico.






1. Press the pick-up button.
2. **Prompt:** “Available options are: Call, Dial, Redial, Call back, Setup, or Emergency.”
3. **Say:** [Beep] “Emergency”

4. **Prompt:** “Emergency. Press the Pick-Up button to dial the Emergency number.”
5. (Dialing) Press the pick-up button or say “Call.”
6. **Prompt:** “Dialing XXX (911: U.S.A/C anada, 066: Mexico).”


▼ **Speed Dial Usage**

A maximum of eight telephone numbers 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.

Speed Dial registration from phonebook

1. Touch the  on-screen tab.
2. **(New registration)**
Touch the  on-screen button.
(Changing registered contacts to other contacts)
Touch the  on-screen button.
3. Touch the  on-screen button.
4. Touch the contact you would like to register to the speed dial.
5. Touch the telephone number you would like to register.
6. Verify that the registered name and telephone number are displayed in the phonebook, and touch the  on-screen button.




Making calls using the Speed Dial

1. Touch the  on-screen tab.
2. Touch the contact information you would like to call.

Interior Features



Bluetooth®

Speed Dial data deletion

1. Touch the  on-screen tab.
2. Touch the  on-screen button for the contact you would like to delete.
3. Touch the  on-screen button to display the confirmation screen.

▼ Mute


The microphone can be muted during a call.

Touch the  on-screen button.
Touch the  on-screen button during mute to cancel the mute.

▼ Transferring a Call


Transferring a call from Hands-Free to a mobile phone

Communication between the Hands-Free unit and a device (Mobile phone) is canceled, and the line can be switched to a standard call using a device (Mobile phone).

Touch the  on-screen button.

Transferring a call from a device (mobile phone) to Hands-Free

Communication between devices (mobile phone) can be switched to Bluetooth® Hands-Free.

Touch the  on-screen button.


▼ Multi-Call Functions

Call waiting


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

Call interrupt

A call can be switched to a new incoming call.


Touch the  on-screen button or press the pick-up button on the steering wheel.

NOTE

- *After receiving a new incoming call, the previous call is placed on hold.*
- *Touch the  on-screen button or press the hang-up button on the steering wheel to refuse a call.*

Switching calls

Switching back to the previous call can also be done.

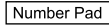
Touch the  on-screen button or press the pick-up button on the steering wheel.

Three-way call function

Touch the  on-screen button.

▼ DTMF (Dual Tone Multi-Frequency Signal) Transmission

This function is used when transmitting DTMF via the Numerical Keypad. The receiver of a DTMF transmission is generally a home telephone answering machine or a company's automated guidance call center.

1. Touch the  on-screen button after connecting to a home device or service to display the tone transmission screen.
2. Input the number using a numerical keypad.

NOTE

If the DTMF code has two or more digits or symbols, each one must be transmitted individually.

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

- U.S.A.
 Phone: 800-430-0153 (Toll-free)
www.MazdaUSA.com/bluetooth
- Canada
 Phone: 800-430-0153 (Toll-free)
www.mazdahandsfree.ca
- Mexico
 Center of Attention to Client (CAC)
 Phone: 01-800-01-MAZDA (Toll-free)
www.MazdaUSA.com/bluetooth

Bluetooth® Audio

Applicable Bluetooth® specification
 Ver. 2.0 or higher

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, the Bluetooth® audio device can be operated by controlling the device itself, the same as when a portable audio system without the Bluetooth® communication function is connected to the AUX terminal.

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

X: Available
 —: Not available

Interior Features

Bluetooth®

NOTE

- The system may not operate normally depending on the Bluetooth® audio device.
- To make sure that your Bluetooth® audio device is Ver. 1.0, 1.3 or 1.4, refer to the Owner's Manual for the Bluetooth® audio device.
- The battery consumption of Bluetooth® audio devices is higher while Bluetooth® connected.

USB connecting

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.

▼ How to Use the Bluetooth® Audio System

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 programmed to the vehicle's Bluetooth® unit before it can be used.

Refer to Bluetooth® Preparation on page 5-81.


1. Switch the ignition to ACC or ON.
2. Turn on the Bluetooth® audio device's power.
Make sure that the “ⓧ” symbol is displayed in the audio unit's display.

NOTE


Some Bluetooth® audio devices need a certain amount of time before the “ⓧ” symbol is displayed in the audio unit's display.

3. Press the audio button (AUDIO) and then touch the  on-screen tab to switch to the Bluetooth® audio mode and start playback.

NOTE



- If the Bluetooth® audio device does not begin playback, press the  on-screen button.
- If the mode is switched from Bluetooth® audio mode to another mode (radio mode), audio playback from the Bluetooth® audio device stops.

Playback



1. 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”)
2. To stop playback, press the  on-screen button.
3. Press the button again to resume playback.

Selecting a file (track)

Selects the next file (track)

Short-press the track up button () or touch the  on-screen button.


Selects the beginning of the current file (track)

Short-press the track down button () or touch the  on-screen button.


Interior Features
Bluetooth®

Fast-forward/Reverse (AVRCP Ver. 1.3 or higher)



Fast-forward

Press and hold the fast-forward button (▶▶) or touch and hold the  on-screen button.

Reverse



Press and hold the reverse down button (◀◀) or touch and hold the  on-screen button.

Folder search (only AVRCP Ver. 1.4)

To change to the previous folder, touch the  on-screen button, or touch the  on-screen button to advance to the next folder.



Music scan (only AVRCP Ver. 1.4)



This function scans the titles in a folder currently being played and plays 10 seconds of each song to aid you in finding a song you want to listen to.

1. Touch the  on-screen button during playback to play 10 seconds of each subsequent track starting from the next song.
2. Touch the  on-screen button again during playback of the song which you want to listen to continue the playback from that point.



Repeat playback (only AVRCP Ver. 1.4)



Track repeat

Touch the  on-screen button to play the song during playback repeatedly. “” is displayed during playback.

Touch the  on-screen button two times while “” is displayed to cancel.



Folder repeat



Touch the  on-screen button two times to play the songs in the folder repeatedly. “” is displayed during playback.

Touch the  on-screen button while “” is displayed to cancel.



Shuffle playback (only AVRCP Ver. 1.4)



Folder shuffle

Touch the  on-screen button during playback to play the songs in the folder shuffle. “” is displayed during playback.



Touch the  on-screen button two times while “” is displayed to cancel.

Device shuffle

Touch the  on-screen button two times during playback to play the songs in the device shuffle. “” is displayed during playback.

Touch the  on-screen button while “” is displayed to cancel.

Display scroll

If a whole title cannot be displayed at one time, touch the  on-screen button on the right side of the title. When the last character is displayed, touch the  on-screen button to display the first character of the title.

Interior Features

Bluetooth®

▼ Bluetooth® Audio Device Information Display

If a Bluetooth® audio device is connected, the following information is displayed in the 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
Title	—	X	X
Artist name	—	X	X
Album name	—	X	X
File number	—	X	X
Playback time	—	X	X
Folder number	—	—	X

NOTE

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

Troubleshooting

Bluetooth® does not operate under the following conditions. Check whether the following conditions apply to your Bluetooth® device:

- The device is not being operated correctly.
- The device is not connected to the Bluetooth® unit equipped on the vehicle.
- The device's battery is weak.
- A device which interferes with radio wave reception has been placed in the vehicle.
- The ignition switch has been turned off.

If none of the above conditions apply, refer to the following to see if any of the problem symptoms correspond to your device.

If the problem cannot be resolved, consult an Authorized Mazda Dealer or Mazda Bluetooth® Hands-Free Customer Service.

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.
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	Is the device in a location in which radio wave interference can occur easily? (Inside a bag in a rear seat, in the 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		

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

Interior Features

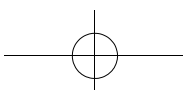
Bluetooth®

Voice recognition related problems

Symptom	Cause	Solution method
Poor voice recognition False recognition of numbers	<ul style="list-style-type: none"> Excessive, slow speech. Excessive, forceful speech (shouting). Speaking before the beep sound has ended. Loud noise (speaking or noise from outside/inside vehicle). Airflow from A/C is blowing against the microphone. Speaking in off-standard expressions (dialect). 	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.
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.)
You want to skip guidance.	—	Guidance can be skipped by quickly pressing and releasing the Talk button.
When the Talk button is pressed, voice recognition ends	Is the Talk button being held pressed for too long?	Operate the Talk button as follows: <ul style="list-style-type: none"> Press the button and release it within 0.7 seconds to start voice recognition and skip the guidance. Press the button for longer than 0.7 seconds to turn off voice recognition or end a conversation.

Regarding problems with calls

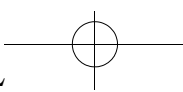
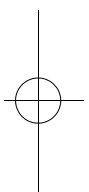
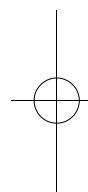
Symptom	Cause	Solution method
When starting a call, vehicle noise from the other party can be heard.	For about three seconds after starting a call, the Bluetooth® unit's Noise Suppression function requires time to adapt to the call environment.	This does not indicate a problem with the device.
The other party cannot be heard or the speaker's voice is quiet	Is the volume set at zero or low?	Increase the volume.



Interior Features
Bluetooth®

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.	Has the number 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 30 seconds is required.	—



Customer Information and Reporting Safety Defects
Declaration of Conformity

▼ **Audio System**

This CD player is made and tested to meet exacting safety standards. It meets FCC requirements and complies with safety performance standards of the U.S. Department of Health and Human Services.

⚠ CAUTION

- *This CD player should not be adjusted or repaired by anyone except qualified service personnel.
If servicing is required, contact an Authorized Mazda Dealer.*
- *Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous laser exposure. Never operate the CD player with the top case of the unit removed.*
- *Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.*

NOTE

For CD player section:

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) this device must accept any interference received, including interference that may cause undesired operation.

NOTE

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

▼ **Bluetooth® Hands-Free**

FCC

FCC: NT8MAZGEN6HFT

NOTE

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) This device must accept any interference received, including interference that may cause undesired operation.*

⚠ WARNING

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Customer Information and Reporting Safety Defects

Declaration of Conformity

NOTE

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- *Reorient or relocate the receiving antenna.*
- *Increase the separation between the equipment and receiver.*
- *Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.*
- *Consult the dealer or an experienced radio/TV technician for help.*

IC

IC:3043A-MAZGEN6HFT

Licence exempt

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

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

The term "IC: " before the radio certification number only signifies that Industry Canada technical specifications were met. The antenna used for this transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. End-users and installers must be provided with installation instructions and transmitter operating conditions for satisfying RF exposure compliance.