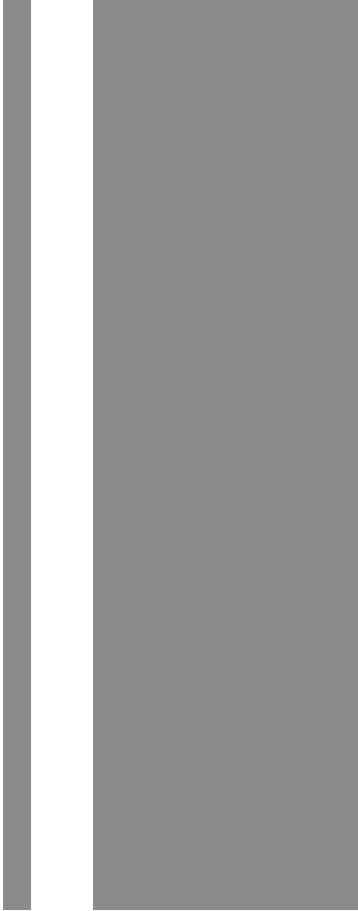




Audio and Visual

Before using the Audio and Visual

Precautions when using the system

WARNING

READ THIS MANUAL FIRST

Read this supplement carefully before using your audio and visual system. We are not liable for accidents or other problems resulting from failure to follow the instructions in this supplement.

AVOID OPERATING THE AUDIO AND VISUAL system WHILE DRIVING

You should stop the vehicle in a safe place before operating the audio and visual system. For safety's sake, some of the audio and visual system's functions cannot be used unless the vehicle is stationary.

If you stare at the display with too much enthusiasm or operate the switches of the system while in driving, the navigation system could cause your attention to be distracted from the current traffic conditions. Please be sure to input in the system as much information as possible before taking your departure. And also please be sure to bring your car to a stop in a safe place if you need to input information.

The buttons for the touch screen that cannot be used are displayed in light color (tone down). Operating the navigation system while in driving could cause your attention to be distracted from the current traffic conditions. And in consequence, this could result in a severe or fatal accident. Follow the descriptions of all operations and the instructions for safety given in this manual without fail.

LOOK AT THE AUDIO AND VISUAL SCREEN ONLY WHEN NECESSARY

When you need to look at the audio and visual screen, do so for the shortest time possible. Looking away from the road for too long could lead to an accident.

KEEP THE VOLUME LOW ENOUGH FOR YOU TO HEAR OUTSIDE SOUNDS

Keep the system's volume level low enough for you to be able to hear outside sounds while driving. To do otherwise may mean that you are unable to react appropriately to traffic conditions thus resulting in an accident.

⚠ CAUTION**NEVER DISASSEMBLE OR MODIFY THE AUDIO AND VISUAL SYSTEM**

Any attempt to disassemble or modify the audio and visual system could lead to a fire, an electric shock, or some other type of accident.

Do not continue using the audio and visual system if it malfunctions

If the system shows any sign of malfunctioning (for example, the monitor gives no picture), stop using it immediately and contact the nearest SUBARU dealer. Continuing to use the system could lead to a fire, an electric shock, or some other type of accident.

If the audio and visual system gets contaminated, emits smoke or an odd smell, stop using it

If a foreign object gets inside the system, liquid is spilled onto the system, or the system emits smoke or an unusual smell, stop using it immediately and contact the nearest SUBARU dealer. Continuing to use the system could lead to a fire, an electric shock, or some other type of accident.

■ About the audio and visual screen

- Subjecting the control buttons or liquid crystal display to excessive shock could result in audio and visual screen deformation or other damage.
- Keep any heat source (including lighted cigarettes) away from the audio and visual screen. If a heat source is brought into contact with the audio and visual system cabinet and panel, they could be deformed or otherwise degraded.
- In extreme cold, the audio and visual screen may operate sluggishly and the display may dim. Such conditions do not indicate a problem. They will disappear when the cabin temperature rises to a normal temperature.
- Tiny black and white dots may occasionally appear in the liquid crystal display. These dots are a normal characteristic of the display. They do not indicate a problem.
- When the audio and visual screen requires cleaning, gently wipe it with a silicone cloth or other soft cloth. If necessary, spray the cloth with neutral cleaning fluid. Be sure to wipe away any cleaning fluid left on the audio and visual screen. Do not spray the cleaning fluid directly onto the audio and visual screen. Spraying cleaning fluid directly onto the audio and visual screen could cause an adverse effect on internal components. It is also not a good idea to wipe the audio and visual screen with a stiff cloth or attempt to clean it using thinners, alcohol, or any other volatile solvent. Doing so could leave scratches and/or erase the control button labels.
- Do not allow the audio and visual screen to get wet. If it gets wet (allowing, for example, to a spilled drink or wet umbrella), its internal electronic circuitry may malfunction.

- In hot weather, cool the passenger compartment down before using the audio and visual system. The liquid crystal display operates correctly at temperatures between 0°C and 60°C (32°F and 140°F). When the temperature exceeds 60°C (140°F), the audio and visual system circuit protection function is activated, causing the display to dim.

NOTE

- In the interest of safety, the use of some functions may be unavailable while in driving. The button for a touch screen that cannot be used will be displayed in tint color (toned down).
- Liquid-crystal displays may be difficult to read when wearing polarized glasses.

Discs that can be used

For the in-vehicle equipment, it is possible to look and listen to discs attached with the marks shown below.

Music CD



DVD Video

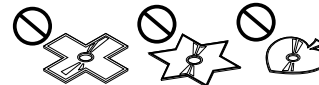


NOTE

- Special discs are not supported that are not compliant with the formal CD specifications such as the copy control CD.
- Discs such as CD-R(CD-Recordable) and CD-RW(CD-ReWritable) may not be played back when they are inferior in their recording condition and characteristics, when they get scratched or stained, or when they get deteriorated due to being left in the vehicle for a long time. And when CD-R and CD-RW has not been treated for finalization, they cannot be played back.

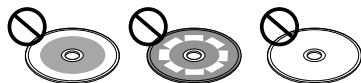
⚠ CAUTION

- Handle the disc with care so that it does not get smeared with fingerprints and stain, or does not get scratched.
- When handling the disc, be sure to hold it at the center hole and the edge with the labeled side up.
- When the disc gets stained, wipe it lightly with a soft, dry cloth for spectacles with plastic lenses. Pressing the disc hard with your hand or rubbing it with a hard cloth may cause scratches on the surface. And, avoid the use of a solution such as record spray, antistatic agent, alcohol, benzene and thinner, or chemical duster. This may cause damage to the disc, rendering it unusable.
- After pressing the disc eject switch, do not leave it in the ejected condition for a long stretch of time. This may cause warp to the disc, thus rendering it unusable.
- Store the disc away from direct sunlight, which may cause warp to it, thus rendering it unusable.
- Discs that can be played back are limited only to those with a circular form 12 or 8 cm in diameter. Avoid using irregular sized discs, which may cause malfunction to the equipment.



- The DualDisc is not supported. Avoid using it, which may cause malfunction to the equipment.

- Avoid the use of discs of which the recording section is transparent or translucent. These discs may not be inserted or ejected, or played back normally.



- Using lens cleaner may cause malfunction to the pick-up section of the player. Be sure not to use it.
- Do not use discs attached with scotch tape, seal or CD-R label, or those having traces of them. Using these discs may cause malfunction to the player with the ejection of discs unavailable.



Player

When there occurs an abnormal condition, the player stops automatically to protect the inside mechanism of the player. Even when conducting the operation according to the message displayed on the screen and the function is stopped, a malfunction may result. Get a checkup of the player at Subaru Dealer.

In the following cases other than malfunction, the player may not operate normally.

- When the disc can not read due to it being stained.
- When the player is out of order.
- When an abnormal temperature of the player has been detected. (When the sign disappears after the temperature of the player gets back to the normal temperature, the player can be used.)
- When there occurs a dew condensation. (When it is cold or rains, there occurs a dew condensation inside the player just as the inner surface of the vehicle glass clouds up. In such a case, the audio sound may be disturbed or the playback may be stopped. Ventilate or dehumidify the player for a while before using it.)
- When vibrated severely due to driving on rough roads. (The sound may be disturbed.)

Character information displayed

The number of characters that can be displayed as information on various screens and the audio display is limited, and it sometimes occurs that all of the characters cannot be displayed. And also, they may not be, or cannot be, displayed correctly depending on the contents of the recorded information like these.

And the contents of the character information like these may sometimes differ for various screens and the audio display.

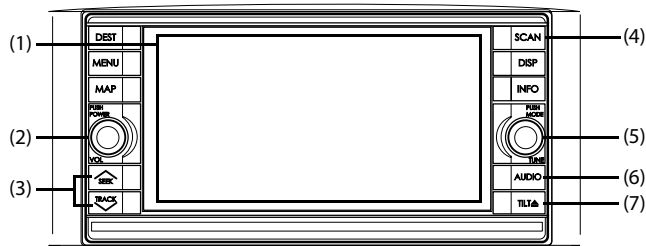
Basic operation of the Audio and Visual

Name of each part

The following are the name of each part that is used when using the audio and visual function.

■ In-vehicle equipment

Operating the touch switches and buttons of the in-vehicle equipment allows you to use the audio function.



(1) Touch Switch

Selecting the touch switch displayed on the screen allows you to play back the disc and/or tune in to a radio station.

(2) POWER/VOLUME

Pressing this button allows you to turn on/off the audio function, and turning it allows you to adjust the sound volume.

(3) SEEK / TRACK

Pressing these buttons allows you to select a tune, track and/or radio station with the source that you are now looking and listening to. And pressing them continuously for more than

0.5 seconds allows you to fast-forward or fast-rewind a tune, and/or search a radio station automatically.

(4)

Using this button allows you to search a tune, track or radio station with the source that you are now looking and listening to.

(5) MODE/TUNE

Pressing this button allows you to select a source such as CD, radio, SAT and VIDEO. (When selecting SAT or VIDEO, it is necessary for the relevant unit to be connected.) And turning it in either direction allows you to tune in on a radio station or forward/rewind a CD track.

(6)

Used to switch over to the screen of the source that you are now looking and listening to.

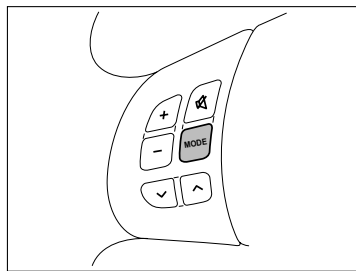
(7)

This allows you to set a disc and eject it, and it also allows you to tilt the screen.

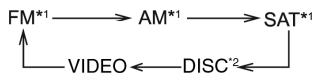
■ Audio control buttons (if equipped)

These buttons are located on the spokes of the steering wheel. They allow the driver to control audio functions without taking his/her hands off the steering wheel.

MODE button



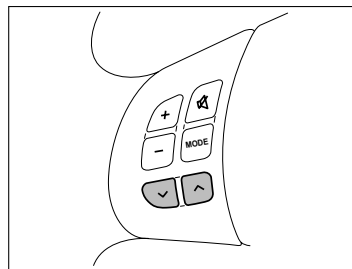
This button is used to select the desired audio mode. Each time it is pressed, the mode changes to the next one in the following sequence:



*1: The frequency last received in the selected waveband will be displayed.

*2: Only when a DISC is in the player.

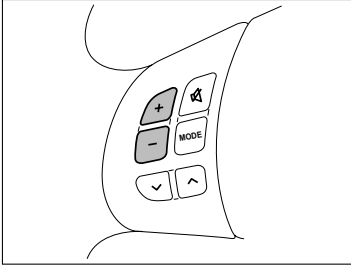
^ and v buttons



These are used for various operations within each source of the audio and visual.

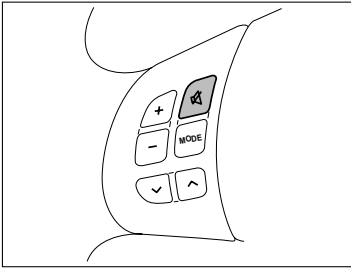
- With radio mode selected
Pressing the ^ button or v button for a short time allows you to skip to a preset channel, and pressing it for a long time also allows you to seek a next receivable station.
- With CD mode selected
Press the ^ button to skip forward in the track/file (track) order.
Press the v button to skip backward in the track/file (track) order.
The track/file (track) number will be shown on the audio display.
- With SAT mode selected
Press the ^ button to skip forward in the channel order. Press the v button to skip backward in the channel order. The channel will be shown on the audio display.

Volume control buttons



Press the "+" button to increase the volume. Press the "-" button to reduce the volume.
A number indicating the volume will be shown on the audio display.

MUTE button



Press this button if you wish to immediately cut the volume to zero.
The audio display will show "MUTE".
If you press the button again, the original sound volume will return and "MUTE" goes off.

Turning on the power

Turn on the power for the audio and visual.

1 Conduct either of the following operations.

- Press the [POWER/VOL] button.
- Press the [MODE/TUNE] button.
- Press the [MODE] switch of the steering switch.
- With the **AUDIO** button pressed, select the source.

NOTE

- Each time the [POWER/VOL] button or the [MODE] switch of the steering switch is pressed, the audio function is turned on and off.
- Inserting the disc turns on the power automatically to start the playback of the disc.

Selecting the source

It is possible to make a switch among AM radio, FM radio, SAT, VIDEO, CD, DVD, MP3/WMA and other externally connected equipment for looking and listening. When selecting SAT and VIDEO, it is necessary for the relevant units to be connected.

Pressing the button for selection

Pressing the button or the steering switch of the in-vehicle equipment allows you to switch over the source.

1 Press the [MODE/TUNE] button or the [MODE] button of the steering switch.

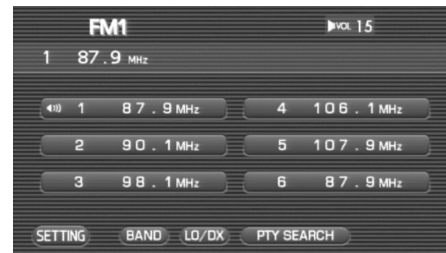
Each time the button is pressed, the source is changed over. When the operations above are conducted on other than the audio screen, the brief description of the audio is displayed in the upper section of the screen for a few seconds.

Example of the CD information displayed while in the map display

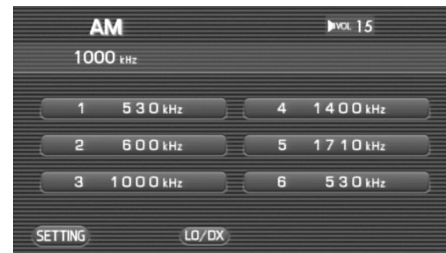


When the operations above are conducted on the audio screen, each source screen is displayed as following example.

FM radio screen



AM radio screen



CD screen



DVD screen



MP3/WMA screen



VIDEO screen (The display varies with the externally connected equipment.)



NOTE

- When the disc is not set or when no externally connected equipment is provided, the source is not displayed.
- When the satellite radio is connected, it is displayed on the dedicated source screen in the same manner as with the AM or FM radio.

Making a selection by touching

Touching the source display allows you to select a source.

1 Press the **AUDIO** button.

When the source display is shown, proceed to step 3.

2 Press again the **AUDIO** button.

3 Select a source.



Each of the source screens is displayed.

NOTE

Sources displayed vary with the equipment connected.

Setting and adjusting the sound

Adjusting the sound volume



It is possible to adjust the sound volume while looking and listening to the source.

NOTE

When the voice of the navigation system breaks in, the sound volume is automatically reduced temporarily.

- 1 Rotate the [POWER/VOL] button in either direction or press the [+][-] switches of the steering switch.**
- Turning the [POWER/VOL] button counterclockwise decreases the sound volume while turning it clockwise increases the sound volume.
 - Each time the [-] button of the steering switch is pressed, the sound volume decreases, and each time the [+] button is pressed, it increases.
 - The volume level is displayed in figures on the upper right section of the screen.

NOTE

For detailed setting of the sound quality and balance, refer to "Setting the audio" on Page 158.

Turning off the sound



It is possible to mute temporarily.

- 1 Press the  (mute) switch of the steering switch.**
- Press again the  (mute) switch of the steering switch or adjust the sound volume to cancel the mute.

NOTE

- When pressing the  (mute) switch while in the use of the handsfree function, the audio sound volume turns off automatically and the following operations are available.
- Pressing the  (mute) switch while in the incoming call with the handsfree allows you to take a phone call.
- Pressing the switch continuously for more than 0.5 seconds while in the incoming call with the handsfree allows you to put a phone call on hold.
- While in the incoming call with the handsfree, pressing the switch continuously for more than 0.5 seconds with a phone call put on hold allows you to hang up the phone.
- For details of the sound volume adjustment, refer to "Adjusting the sound volume" on Page 110.

Handling the disc

Setting the disc

Set a CD, DVD, or MP3/WMA disc.

For details of the discs that can be used, refer to "Discs that can be used" on Page 99.

1 Press the  button.

2 Select  (DVD/CD).

The monitor section is tilted and, when a disc has been set, it is ejected.



3 When the disc is ejected, take it out.

4 Insert the disc.

The monitor automatically gets back to the normal condition to start the playback of the disc.

CAUTION

When inserting a CD, do not insert 2 or more CD's in piles. This may cause a malfunction to the player, resulting in the take-off of the discs unavailable.

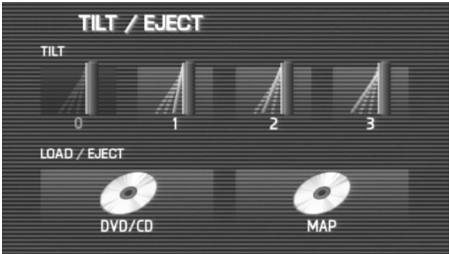
Taking out the disc

Take out a CD, DVD or MP3/WMA disc from the in-vehicle equipment.

1 Press the  button.

2 Select  (DVD/CD).

The monitor section is tilted and the disc is ejected.



3 Take out the disc.

4 Press the  button.

The monitor will get back to the normal condition.

Listening to the radio

Listening to the radio

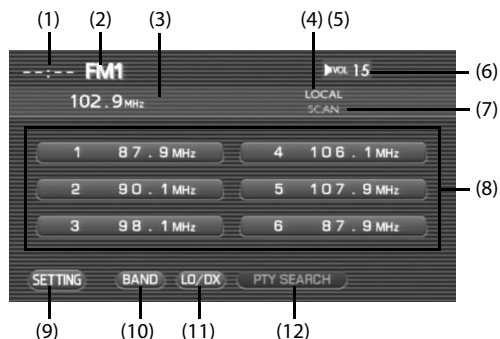
It is possible to tune in to a radio station to listen to the AM or FM radio.

1 Change the source over to the FM radio or AM radio.
(See Page 107.)

2 Tune in to a station. (See Page 116.)

FM radio screen displayed

When no FM radio screen is displayed while listening to the FM radio, press the **AUDIO** button to display the FM radio screen.



- (1) **Clock**
The current time is displayed.
- (2) **FM display**
The difference between the FM1 and FM2 frequency bands is displayed.
- (3) **Station tuned in to**
The name of the station tuned in to and its frequency are displayed. When the station is preset, the preset number is also displayed.
- (4) **LOCAL**
Displayed while in the LOCAL mode.
- (5) **ST**
Displayed while in the stereophonic broadcast.
- (6) **VOL**
The volume level is displayed. (See Page 110.)
- (7) **SCAN**
Displayed when scanning a station to which you can tune in. (See Page 117.)
- (8) **Preset keys 1 to 6**
It is possible to preset a station and invoke it later. (See Page 119.)

(9) **SETTING** (SETTING)

Select this to display the screen set for the audio. (See Page 158.)

(10) **BAND** (BAND)

Each time this is selected the discrimination of the frequency band (FM1/FM2) changes over.

(11) **LO/DX** (LO/DX)

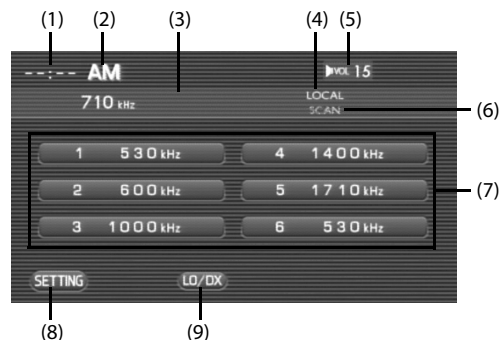
Each time this is selected, the local mode can be turned on and off. When the local mode is set, the search of a station can be made starting with a station that is located in the area receiving higher-intensity radio waves clearly.

(12) **PTY SEARCH** (PTY SEARCH)

Selecting this allows you to search a station with a category of interest selected. (See Page 117.)

AM radio screen displayed

When the AM radio screen is not displayed while listening to the AM radio, press the **AUDIO** button to display the AM radio screen.

(1) **Clock**

The current time is displayed.

(2) **AM display**

AM is displayed.

(3) **Station tuned in to**

The name of the station tuned in to and its frequency are displayed. When the station is preset, the preset number is also displayed.

(4) **LOCAL**

Displayed while in the LOCAL mode.

- (5) **VOL**
The volume level is displayed. (See Page 110.)
- (6) **SCAN**
Displayed when scanning a station to which you can tune in.
(See Page 117.)
- (7) **Preset keys 1 to 6**
It is possible to preset a station and invoke it later. (See Page 119.)
- (8) **SETTING (SETTING)**
Select this to display the screen set for the audio. (See Page 158).
- (9) **LO/DX (LO/DX)**
Each time this is selected, the local mode is turned on and off.
When the local mode is set, the search of a station can be made starting with a station that is located in the area receiving radio waves clearly.

Selecting a station

Selecting a station that is preset

Presetting a station in advance in the in-vehicle equipment allows you to invoke that station.

- 1 Select the station preset on the FM radio screen or AM radio screen, or press the  or  button of the steering switch.



- When the FM radio screen or AM radio screen is not displayed, press the **AUDIO** button.
- Each time the  or  button of the steering switch is pressed, the station preset changes over. Pressing the  button changes over the station in the descending order of the preset number, while pressing the  button changes it over in ascending order of the preset number.

NOTE

For detailed method for presetting a station, refer to "Presetting a station" on Page 119.

Setting the frequency

It is possible to set the frequency manually to listen to the radio.

- 1 Rotate the **[MODE/TUNE]** button in either direction.
- Turning the **[MODE/TUNE]** button counterclockwise lowers the frequency and turning it clockwise heighten the frequency.
 - For the FM radio, select **BAND** (BAND) to make selection of the BAND. Each time **BAND** (BAND) is selected, a changeover is made between FM1 and FM2.

Searching a station automatically

It is possible to search a station that can be tuned in to automatically to listen to a radio.

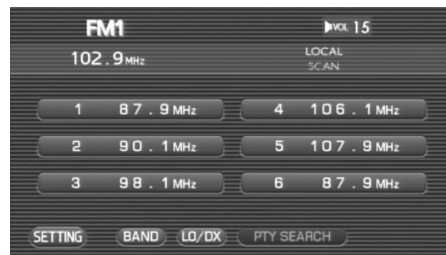
1 Press the or button.

- Pressing the  button allows you to search a station that can be tuned in to in the higher-intensity frequency direction, while pressing the  button allows you to make a search of a station in the lower-intensity frequency direction.
- Conducting this operation with "LOCAL" displayed on the FM screen after selecting **LO/DX** (LO/DX) allows you to search a station with excellent radio waves in the surrounding. However, in the condition in which "LOCAL" is displayed, a radio station is searched with the detection sensitivity of radio waves reduced. Accordingly, it becomes difficult to search a station in the area with low-intensity radio waves.
- For the FM radio, select **BAND** (BAND) to make selection of the BAND. Each time **BAND** (BAND) is selected, a changeover is made between FM1 and FM2.

Searching a FM station from a category of interest

It is possible to select a category of interest and make search of a station to listen to a radio.

1 Select **PTY SEARCH** (PTY SEARCH).



2 Select a category of interest and then select [SEARCH].



Categories that can be selected are as shown below.

- INFO
- WEATHER

- ROCK
 - SOFT
 - TOP40
 - COUNTRY
 - OLDIES
 - JAZZ
 - CLASSIC
 - R&B
 - RELIGIOUS
 - MISC
 - ALL
-
- Selecting  scrolls the display to display a category 5 positions ahead.
 - Selecting  scrolls the display to display a category 5 positions behind.

A station corresponding to the category is selected.

NOTE

- This function is available only for the FM radio.
- Each time [SEARCH] is selected, another station can be searched.

Presetting a station

It is possible to store in the memory a station frequently listened to and invoke it later.

Presetting a station that is now being tuned in to

It is possible to preset a station that is now being tuned in to. Conducting this operation with a key that is preset already causes the preset key to be overwritten.

1 Press the preset key for more than 2 seconds.

- When the FM radio screen or AM radio screen is not displayed, press the **AUDIO** button (12).
- For the FM radio, select **BAND** (BAND) to make selection of the BAND. Each time **BAND** (BAND) is selected, a changeover is made between FM1 and FM2.

The frequency preset is displayed in the preset key.

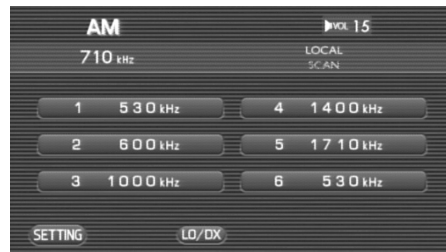
NOTE

For detailed method for invoking a station preset, refer to "Selecting a station that is preset" on Page 116.

Presetting a station that can receive radio waves automatically

It is possible to search and preset a station that can receive radio waves automatically.

1 Press the **SCAN** button.



- SCAN is displayed on the screen. Pressing the **SCAN** button again terminates the search of a station.
- Conducting this operation with "LOCAL" displayed on the FM screen after selecting **LO/DX** (LO/DX) allows you to make search of a station with excellent radio waves in the surrounding.
- For the FM radio, select **BAND** (BAND) to make selection of the BAND. Each time **BAND** (BAND) is selected, a changeover is made between FM1 and FM2.

The frequency preset is displayed in the preset key.

Listening to the CD

Listening to a tune in the CD

It is possible to set the CD in the in-vehicle equipment to listen to a tune in the CD.

1 Change the source over to the disc. (See Page 107.)

The track of the CD is played back from the start.

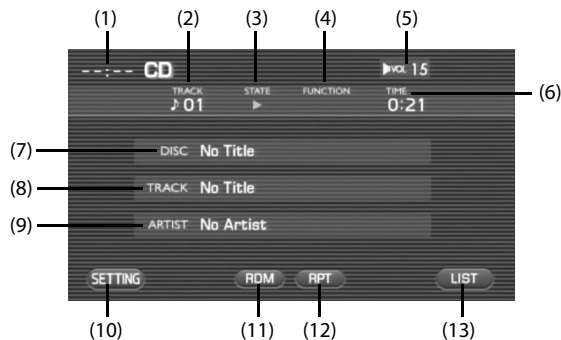
When the track of the CD is played back to the last, the playback resumes from the start.

NOTE

When no CD is set in the in-vehicle equipment, set the CD. (See Page 111.)

CD screen displayed

When the CD screen is not displayed while looking and listening to the CD, press the **AUDIO** button to display the CD screen.



(1) Clock

The current time is displayed.

(2) TRACK

The track number is displayed.

(3) STATE

The playback status is displayed.

▶: Playback is going on.

◀◀: Fast rewind is going on.

▶▶: Fast forward is going on.

Pause

(4) FUNCTION

The playback status such as repeat and random is displayed.

RPT: A tune is being played back repeatedly.

F. RPT: Tunes in the folder are being played back repeatedly.

RDM: Tunes in the CD are being played back in random order.

SCAN: Each of the tunes in the CD is being played back for 10 seconds.

(5) VOL

The volume level is displayed. (See Page 110.)

(6) TIME

The playback time of a tune is displayed.

(7) DISC

When corresponding to the CD text, the disc name is displayed.

(8) TRACK

When corresponding to the CD text, the title of a tune is displayed.

(9) ARTIST

When corresponding to the CD text, the name of an artist is displayed.

◀: Displayed when the contents of the CD text cannot be displayed for each item. Selecting this scrolls the characters. When scrolled up to the end of the text, ▶ is displayed.

(10) **SETTING** (SETTING)

Selecting this displays the screen set for the audio. (See Page 158.)

(11) **RDM** (RDM)

The playback method of tunes is changed over in random order. (See Page 127.)

(12) **RPT** (RPT)

The playback method of tunes is changed over to the repeated playback. (See Page 126.)

(13) **LIST** (LIST)

Tunes contained in the CD are displayed in the list. (See Page 124.)

Selecting a tune

Selecting the preceding tune

It is possible to play back a tune preceding the one that is now being played back.

1 Conduct either of the following operations while playing back a tune.

- Press the  button.
- Rotate the [MODE/TUNE] button counterclockwise.
- Press the  button of the steering switch.

A tune preceding the one that is now being played back is played back.

Selecting the succeeding tune

It is possible to play back a tune succeeding to the one that is now being played back.

1 Conduct either of the following operations while playing back a tune.

- Press the  button.
- Rotate the [MODE/TUNE] button counterclockwise.
- Press the  button of the steering switch.

The succeeding tune is played back.

Selecting a tune from the list

It is possible to display in the list tunes contained in the CD, and select a tune from the list to play it back.

1 Press the **AUDIO** button.

When the CD screen has been displayed, this operation is not required. Proceed to step 2.

2 Select **LIST** (LIST).



3 Select a tune you want to listen to.



- Selecting scrolls the display to display a tune 5 positions ahead.
- Selecting scrolls the display to display a tune 5 positions behind.

A tune that is selected is played back.

NOTE

- Selecting **HOME** (HOME) displays a page containing a tune that is now being played back.
- Selecting **CONTROL** (CONTROL) gets back to the screen in which the tune information is displayed.

Searching a tune while listening

It is possible to search a tune you want to hear while listening to each tune in the CD for 10 seconds.

- 1 Press the **SCAN** button while playing back a tune.

"SCAN" is displayed for the FUNCTION on the CD screen.



After a tune you want to hear is played back, press again the **SCAN** button.

Fast-rewinding or fast-forwarding a tune

It is possible to fast-rewind or fast-forward a tune that is now being played back.

■ To rewind a tune quickly

- 1 Keep pressing the  button while playing back a tune.

A tune is rewound quickly while the button is kept pressed. When releasing the  button, the tune is played back from the point to which the tune was fast-rewound.

■ To fast-forward a tune

- 1 Keep pressing the  button while playing back a tune.

A tune is forwarded quickly while the button is kept pressed. When releasing the  button, the tune is played back from the point to which the tune was fast-forwarded.

Listening to a tune repeatedly

It is possible to play back a tune repeatedly.

- 1 Select **RPT** (RPT) while playing back a tune.

"RPT" is displayed for FUNCTION on the CD screen to play back a tune repeatedly.



Selecting again **RPT** (RPT) releases the repeated playback.

Listening to tunes in random order

It is possible to play back the tunes in the CD in random order.

- 1 Select **RDM** (RDM) while playing back a tune.

With "RDM" displayed for FUNCTION on the CD screen, tunes are played back in random order.



Selecting again **RDM** (RDM) releases the playback in random order.

Listening to MP3/WMA disc

MP3/WMA

MP3/WMA can be played back by this in-vehicle equipment. However, media and formats are limited in which MP3/WMA files that can be used are recorded. Please note the following when writing MP3/WMA files. The limited number of characters given below is the number of characters when using 1-byte characters.

■ Media that can be used

Media used to include MP3/WMA that can be used are CD-R and CD-RW.

Media created in a simplified format cannot be played back with this in-vehicle equipment.

■ MP3 formats that can be played back

MP3 formats that can be played back with this in-vehicle equipment are as shown below.

Specification

MPEG-1 Layer 3

MPEG-2 Layer 3

MPEG-2.5 Layer 3

Sampling frequency

8, 11.025, 12, 16, 22.05, 24, 32, 44.1, 48 (kHz)

Bit rate

8 to 320 (kbps)

Variable bit rate compliant

■ WMA formats that can be played back

WMA files that can be played back with the in-vehicle equipment are as shown below.

Specifications

WMA Ver. 7, 8 and 9

Sampling frequency

Ver. 7: 44.1, 48 (kHz)

Ver. 8 and 9: 32, 44.1, 48 (kHz)

Bit rate

Ver. 7: 64 to 192 (kbps)

Ver. 8 and 9: 48 to 192 (kbps)

Variable bit rate compliant

■ Disc formats that can be used

Discs that can be used with this in-vehicle equipment are as shown below. The number of characters following the format name is the maximum number of characters (a delimiter "" and 3 characters of extension included) specified for the file name.

- ISO 9660 Level 1: 12 characters
- ISO 9660 Level 2: 31 characters
- Joliet: 64 characters
- Romeo: 128 characters

And when written in a long file name format, it is possible to display up to the number of characters as shown below.

64 character (all 1-byte characters)

For details of the characters that can be used, refer to the instruction manual of the writing software and "Input of file name and folder name."

However, characters that can be displayed are as shown below.

- Half size characters (alphanumeric, and ASCII codes)

Characters other than the above are displayed with an asterisk "?."

However, discs that can be played back with this in-vehicle equipment are accompanied by the following restrictions.

- Maximum directory layers: 8 layers
- Maximum number of files in a folder: 255
- Maximum number of folders: 254 (including the ROOT)
- Maximum number of characters used in a folder name: 64 characters

MP3/WMA files that are written in formats other than the above may not be played back normally, and the file name and the folder name of which may not be displayed correctly.

■ Setting of the compression software and the writing software

When compressed into an MP3/WMA file, it is recommended that the setting of the transfer bit rate of the compression software is "fixed" to "128 kbps."

When recording a blank media up to the maximum capacity at once, make a setting to "Disc at Once."

■ Input of a file name and a folder name

When inputting a file name and a folder name, input them in half size alphanumeric characters. File names and folder names that are written in characters other than the above may not be displayed correctly. And depending on a writing software or a disc format used, characters that can be displayed are restricted. For details, refer to the instruction manual of the writing software. And files that can be acknowledged and played back are restricted only to those attached with an extension ".MP3" or ".WMA." When saving an MP3/WMA file, be sure to attach it with an extension ".MP3" or ".WMA."

Forbidden



If a file other than MP3/WMA is attached with an extension ".MP3" or ".WMA," it may be mistakenly acknowledged as an MP3/WMA file, thus causing the generation of loud noises to damage the speaker. So, do not attach any file other than MP3/WMA with an extension ".MP3" or ".WMA."

■ ID3/WMA Tag

ID3/WMA Tag is compliant (Ver.1.0, 1.1).

■ **Files that are written into media**

When media that contains MP3/WMA files is inserted, first of all, all the files in the disc are checked.

So, when a lot of folders and files other than MP3/WMA are written into the media to be played back, a lot of time is required before starting the playback of the media.

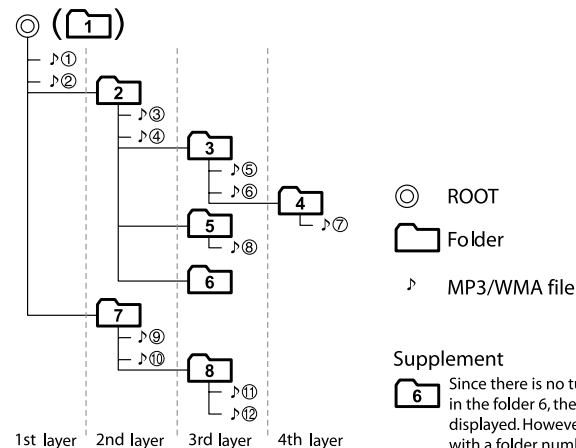
And time may be required before proceeding to the playback of the next MP3/WMA file, and a file search and a folder search cannot be conducted smoothly.

■ **Sequence in which MP3/WMA files are played back.**

The sequence in which files and folders are selected while in the playback, folder search, file search and the folder selection is in the order in which they are written with the writing software. Accordingly, the sequence in which the files are expected to be played back may not conform to the sequence in which the files are actually played back.

Depending on the writing software, entering "01" to "90" at the head of the file name as a playback sequence with it written in CD-R may allow you to set the sequence in which files are played back. Conducting a folder search, a file search and a folder selection in the media of the following folder/file layer results in a media hierarchy as shown below.

■ Example of Media hierarchy



Supplement

 Since there is no tune contained in the folder 6, the folder is not displayed. However, it is assigned with a folder number.

Listening to tunes (file) in the MP3/WMA disc

It is possible to set the MP3/WMA disc in the in-vehicle equipment to listen to tunes (files) in the disc.

1 Change the source over to the disc. (See Page 107.)

The first tune in the lead folder in the MP3/WMA disc is played back from the start.

When the tunes in the folder are played back to the last, the first tune in the lower-order or next folder is played back.

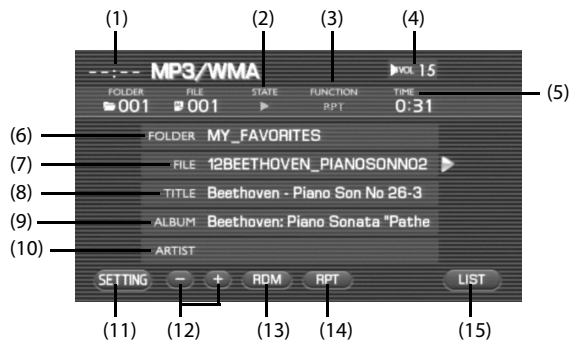
When the tunes in the MP3/WMA disc are played back to the last, the playback is resumed from the first tune in the lead folder.

NOTE

When no MP3/WMA disc is set in the in-vehicle equipment, set the MP3/WMA disc. (See Page 111.)

MP3/WMA disc screen displayed

When no MP3/WMA disc screen is displayed while looking and listening to the MP3/WMA disc, press the **AUDIO** button to display the MP3/WMA disc screen.



(1) Clock

The current time is displayed.

(2) STATE

The playback status is displayed.

▶: Playback is going on.

◀◀: Fast rewind is going on.

▶▶: Fast forward is going on.

Pause

(3) FUNCTION

The playback status such as repeat and random is displayed.

RPT: A tune is being played back repeatedly.

RDM: Tunes in the MP3/WMA disc are being played back in random order.

SCAN: Each of the tunes in the MP3/WMA disc is being played back for 10 seconds.

(4) VOL

The volume level is displayed. (See Page 110.)

(5) TIME

The playback time of a tune is displayed.

(6) FOLDER

The folder name is displayed.

(7) FILE

The file name is displayed.

(8) TITLE

The title of a tune is displayed.

(9) ALBUM

The name of an album is displayed.

(10) ARTIST

The name of an artist is displayed.

(11) (SETTING)

Selecting this displays the screen set for the audio. (See Page 158.)

**(12) **

Used to play back the first tune in the succeeding/preceding folder. (See Page 134.)

(13) (RDM)

Used to change over the playback method of tunes in random order. (See Page 127.)

(14) (RPT)

Used to change the playback method of tunes over to the repeated playback. (See Page 126.)

(15) (LIST)

Used to display the folders or tunes in the MP3/WMA disc in the list. (See Page 134 and 136.)

:Displayed when the contents of the CD text cannot be displayed for each item. Selecting this scrolls the characters. When scrolled up to the end of the text,  is displayed.

Selecting a tune

Selecting a folder that you want to hear

Select a folder in the MP3/WMA disc.

■ To select a folder

1 Select **+** or **-**.

Selecting **+** plays back the first tune in the succeeding folder.

Selecting **-** plays back the first tune in the preceding folder.

■ To select a folder from the list

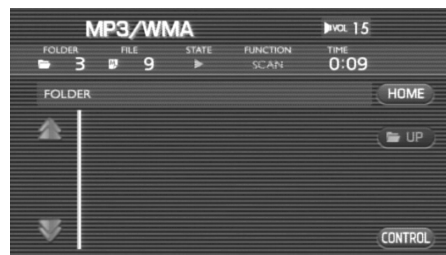
1 Select **LIST** (LIST).



2 Select **UP** (UP).



3 Select the folder name.



- Selecting **UP** scrolls the display to display a folder 5 positions ahead.
- Selecting **DOWN** scrolls the display to display a folder 5 positions behind.
- Selecting **HOME** (HOME) displays in the list the tunes in the folder in which a tune that is now being played back is contained.

- When the tunes are displayed in the list, selecting [UP] displays the folder list.
- Selecting **CONTROL** (CONTROL) gets back to the MP3/WMA disc in which the tune information is displayed.

The first tune in the folder selected is played back.

Selecting a tune (file) you want to hear



Select a tune (file) in the MP3/WMA disc.

■ To select the preceding tune

It is possible to play back a tune in the high-order folder of the tune that is now being played back or the preceding tune.

1 Conduct either of the following operations while playing back a tune.

- Press the  button.
- Rotate the [MODE/TUNE] button counterclockwise.
- Press the  button of the steering switch.

The preceding tune is played back.

■ To select the succeeding tune

It is possible to play back a tune succeeding the tune that is now being played back.

1 Conduct either of the following operations while playing back a tune.

- Press the  button.
- Rotate the [MODE/TUNE] button clockwise.
- Press the  button of the steering switch.

The succeeding tune is played back.

■ To select a tune from the list

1 Select **LIST** (LIST).



- When the tunes are displayed in the list, selecting up displays the folder list.
- Selecting **CONTROL** (CONTROL) gets back to the MP3/WMA disc in which the tune information is displayed.

The tunes in the folder are displayed in the list.

A tune selected is played back.

2 Select the tune name.



- Selecting **HOME** scrolls the display to display a folder 5 positions ahead.
- Selecting **UP** scrolls the display to display a folder 5 positions behind.
- Selecting **CONTROL** (CONTROL) displays in the list the tunes in the folder in which the tune that is now being played back is contained.

■ To search a tune while listening to tunes in the folder

It is possible to search a tune you want to hear while listening to each of the tunes in the folder for 10 seconds. After all the tunes in the folder are played back, the player gets back to the normal playback mode.

- 1 Press the **SCAN** button while playing back a tune.

"SCAN" is displayed for FUNCTION on the MP3/WMA screen.



After completion of the playback of a tune you want to hear, press again the **SCAN** button.

Fast-rewinding or fast-forwarding a tune



It is possible to rewind or forward quickly a tune that is now being played back.

■ To rewind a tune quickly

- 1 Keep pressing the  button while playing back a tune.

A tune is rewound quickly while the button is kept pressed. When releasing the  button, the tune is played back from the point to which the tune was rewound.

■ To forward a tune quickly

- 1 Keep pressing the  button while playing back a tune.

A tune is forwarded quickly while the button is kept pressed. When releasing the  button, the tune is played back from the point to which the tune was forwarded.

Listening to a tune repeatedly

It is possible to listen to the same tune or the tunes in the folder repeatedly.

■ To listen to the same tune repeatedly

It is possible to play back the same tune repeatedly.

1 Select **RPT** (RPT) while playing back a tune.

With "RPT" displayed for FUNCTION on the MP3/WMA screen, the tune is played back repeatedly.



- Selecting **RPT** (RPT) allows you to listen to the tunes in the folder repeatedly. Select again **RPT** (RPT) to release the repeated playback.
- When "F.RPT" is displayed for FUNCTION, the MP3/WMA is set to the mode for listening to the tunes in the folder.

■ To listen to the tunes in the folder repeatedly

It is possible to play back the tunes in the folder repeatedly.

1 Select **RPT** (RPT) twice while playing back a tune.

With "F.RPT" displayed for FUNCTION on the MP3/WMA screen, the tunes in the folder are played back repeatedly.



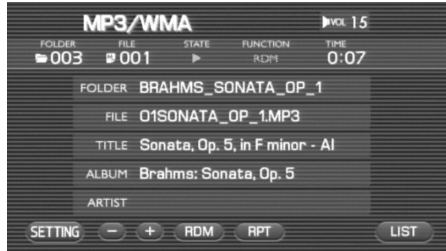
- Selecting again **RPT** (RPT) releases the repeated playback.
- When "RPT" is displayed for FUNCTION, the mode is set in which the same tune is played back repeatedly. Select **RPT** (RPT) again.

Listening the tunes in random order

It is possible to play back the tunes in the folder in random order. After all the tunes in the folder are played back, the tunes in the next folder are played back in random order.

1 Select **RDM** (RDM) while playing back a tune.

With "RDM" displayed for FUNCTION on the MP3/WMA screen, the tunes in the folder are played back in random order.



- After all the tunes in the folder are played back, the tunes in the next folder are played back in random order.
- Selecting **RDM** (RDM) again releases the random playback.

Looking at the DVD

WARNING

- **Never try watching videos or using other entertainment programs with your Audio and Visual System by keeping the vehicle engine running in a garage or other enclosed area. Exhaust gases accumulated in such an area or entering the vehicle are dangerous, or even lethal.**
- **The driver must not attempt to operate or watch the DVD while the vehicle is in motion. Doing so will distract attention from driving and the road, and could lead to an accident.**
- **If you wish to park your vehicle and enjoy an entertainment program on this system, select a safe place that does not hinder traffic and has no parking ban.**

NOTE

- Using the Audio and Visual System with the engine stopped could lower the battery's electricity level. If the initial charge level is too low, the engine may not start the next time. It is recommended that the system be used only when the engine is running except when the vehicle is parked in a garage or other enclosed area.
- In the interest of safety, the use of some functions may be unavailable while in driving. The button for a touch screen that cannot be used will be displayed in tint color (toned down).
- Liquid-crystal displays may be difficult to read when wearing polarized glasses.

What must be known

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No reproduction allowed

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Operations while in the playback of the disc

For DVD video, DVD audio and video CD, the playback condition has been specified according to the instruction of software manufacturers. This DVD player, because of it being played back according to the instructions intended by the software manufacturer, may not sometimes function as intended when operated. Be sure also to read through the instruction manual attached to a disc to be played back.

DVD video and DVD audio

They are compliant with the NTSC color television format.

■ Region code of discs that can be played back

For some discs, a region code is displayed that stands for a region (country) of the player in which a disc can be played back.

Of discs attached with a region code, those with "1" (a code standing for North America) not included in its region code list or those with "ALL" (for worldwide use) not displayed cannot be played back with this DVD player.

When playing back a disc like this, a message "REGION CODE ERROR" is displayed on the screen. And for discs with no region code displayed, their region for use may have been restricted. On an occasion like this, the playback with this DVD player may not be available.

Playing back the DVD

It is possible to set a DVD on the in-vehicle equipment to look at and listen to it.

1 Change the source over to the disc. (See Page 107.)

When a DVD is not yet set on the in-vehicle equipment, set a DVD.
(See Page 111.)

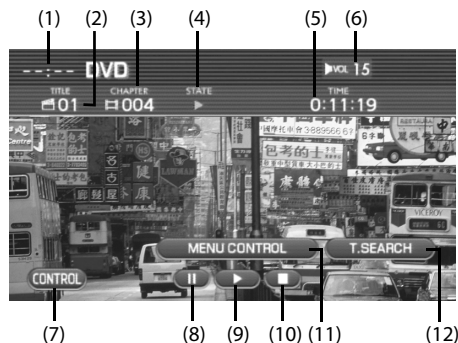
The DVD is played back.

DVD control screen displayed

When the DVD screen is not displayed while in the playback of a DVD, press the **AUDIO** button to display the DVD screen. And then selecting the screen displays the DVD control screen.

NOTE

When 10 seconds has elapsed with no key selected, the display disappears.



(1) **Clock**

The current time is displayed.

(2) **TITLE**

The title number of the DVD that is being played back is displayed.

(3) **CHAPTER**

The chapter number of the DVD that is being played back is displayed.

(4) **STATE**

The playback condition of the chapter is displayed.

▶: The playback is in progress.

■: The playback is stopped.

⏸: The playback is stopped while keeping the playback condition just before stop.

⏹: The playback is stopped temporarily.

⏮: The DVD is rewinding quickly.

⏭: The DVD is forwarding quickly.

(5) **TIME**

The playback time of the chapter is displayed.

(6) **VOLUME**

The volume level is displayed.

(7) **CONTROL (CONTROL)**

Selecting this displays the DVD setting screen.

(8) **II (PAUSE)**

The DVD image is stopped temporarily.

(9) **▶ (PLAY)**

The playback of the DVD image is started.

(10) (STOP)

The playback of the DVD image is stopped.

(11) (MENU CONTROL)

The screen is changed over in which the menu is operated.

See Page 149.

(12) (T.SEARCH)

The DVD image can be played back with the title specified.

See Page 145.

Selecting the title and the chapter

Selecting the chapter

■ To play back the preceding chapter

- 1 Conduct either of the following operations while in the DVD playback.

- Press the  button.
- Rotate the [MODE/TUNE] button counterclockwise.
- Press the  button of the steering switch.

A chapter preceding the chapter that is now being played back will be played back.

■ To play back the succeeding chapter

- 1 Conduct either of the following operations while in the DVD playback.

- Press the  button.
- Rotate the [MODE/TUNE] button clockwise.
- Press the  button of the steering switch.

A chapter succeeding the chapter that is now being played back will be played back.

Searching a title with the title number specified

It is possible to search a title with the title number specified and then play it back.

- 1 Select the screen while in the DVD playback.



- 2 Select **T.SEARCH** (T.SEARCH).



- 3 Select **-10**, **-1**, **+1**, **+10** to enter a title number and then select **ENTER** (ENTER).



A title selected is played back.

NOTE

When selecting **ENTER** (ENTER) with a title number entered that is not in the DVD, the screen displayed is not changed.

Controlling the playback of the DVD

It is possible to pause, stop, rewind quickly or forward quickly the DVD for control.

■ To stop the DVD temporarily

1 Select the DVD screen while in the DVD playback.

2 Select .

The DVD stops temporarily.

NOTE

Selecting  or  gets back to the normal playback mode.

■ To stop the DVD

1 Select the DVD screen while in the DVD playback.

2 Select .

The DVD is stopped.

NOTE

Selecting  resumes the playback.

■ To rewind the DVD image quickly

1 Keep pressing the  button while in the DVD playback.

While the button is being pressed, the DVD image is rewound quickly. Releasing the  button resumes the playback of the DVD image from the point to which the DVD image was rewound quickly.

■ To forward the DVD image quickly

1 Keep pressing the  button while in the DVD playback.

While the button is being pressed, the DVD image is forwarded quickly. Releasing the  button resumes the playback of the DVD image from the point to which the DVD image was forwarded quickly.

■ To forward the DVD image in single frame step

1 Select the screen while in the DVD playback.

2 Select .

The DVD is stopped temporarily.

3 Conduct either of the following operations while in the DVD playback.

- Press the  button.
- Rotate the [MODE/TUNE] button clockwise.
- Press the  button of the steering switch.

The DVD image is played back in single frame forward step.

NOTE

Selecting  or  gets back to the normal playback mode.

Operating the menu screen

Selecting the menu

It is possible to operate the menu screen of the DVD.

- 1 Select the screen while in the DVD playback.



- 2 Select **MENU CONTROL** (MENU CONTROL).



- 3 Selecting **RETURN** (RETURN) to select a menu item, and then select **ENTER** (ENTER).



- Selecting **RETURN** (RETURN) starts the playback from a point specified for each DVD.
- Selecting **TOP MENU** (TOP MENU) displays the top menu.
- Selecting **MENU** (MENU) displays the menu.
- The configurations of the top menu and the menu vary with the DVDs.

The image is played back as a menu is selected.

Changing over the position of the menu operation key

The menu operation key is used to operate the menu of the DVD. It is possible to relocate the position of the menu operation key so that it does not interfere with the DVD image.

- 1 Select the screen while in the DVD playback.



- 2 Select **MENU CONTROL** (MENU CONTROL).



- 3 Select **CHANGE** (CHANGE).



The location of the menu handling key is changed over.

Selecting **CHANGE** (CHANGE) again gets back to the original menu location.



Changing the language and the angle

Changing the superimposed language

It is possible to change over the superimposed language while in the playback of a DVD.

- 1 Select the screen while in the DVD playback.



- 2 Select **CONTROL** (CONTROL).



- 3 Select **SUB** (SUB).



Each time selecting **SUB** (SUB), the superimposed language is changed over.

NOTE

- The superimposed language is indicated by a numeric character. When a numeric character is not displayed, the DVD is not compliant with multiple languages.
- Selecting the screen allows you to check the superimposed language on the playback screen.

Changing the voice language

It is possible to change the voice language while in the DVD playback.

1 Select the screen while in the DVD playback.



2 Select **CONTROL** (CONTROL).



3 Select **AUDIO** (AUDIO).



Each time **AUDIO** (AUDIO) is selected, the voice is changed over.

NOTE

- The voice language is indicated by a numeric character. When a numeric character is not displayed, the DVD is not compliant with multiple languages.
- Selecting the image section in the screen allows you to check the voice language on the playback screen.

Changing over the angle

It is possible to change over the angle to look at the DVD image in the multi-angle scene while in the playback of the DVD compliant with multi-angle.

- 1 In the scene compliant with multi-angle, select the screen while in the DVD playback.



When a setting is made in the initial setting of the DVD so that the  (angle mark) is displayed, an angle mark is displayed in the scene compliant with multi-angle. (See Page 169.)

- 2 Select **CONTROL** (CONTROL).



- 3 Select **ANGLE** (ANGLE).



Each time **ANGLE** (ANGLE) is selected, the DVD is played back with the angle changed over.

NOTE

- The type of the angle is indicated by a numeric character. When a numeric character is not displayed, or when it is displayed as 1/1, the DVD is not compliant with multiple languages.
- Selecting the image section in the screen allows you to check the angle on the playback screen.

Setting the screen

Adjusting the image quality

The image quality can be adjusted while looking and listening to the DVD.

- 1 Press [DISP].
- 2 Select  or  of each item to adjust the image quality.



- Selecting  or  of  allows you to adjust the tint of a color.
Each time  is selected, the tint of red is increased and each time  is selected, the tint of green is increased.
- Selecting  or  of  allows you to adjust the shade of a color.
Each time  is selected, the shade of a color is increased and each time  is selected, the shade of a color is decreased.

- Selecting  or  of  allows you to adjust the brightness.
Each time  is selected, the brightness is increased and each time  is selected, the brightness is decreased.
- Selecting  or  of  allows you to adjust the contrast.
Each time  is selected, the contrast is increased and each time  is selected, the contrast is decreased.

NOTE

Selecting  (DEFAULT) returns the settings to the default settings.

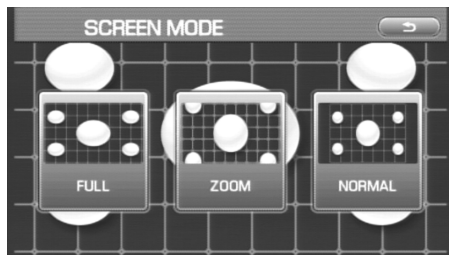
Setting the SCREEN MODE

The screen mode can be set while looking and listening to the DVD.

- 1 Press [DISP].
- 2 Select **MODE** (MODE).



- 3 Select either of the SCREEN MODE's below.



NORMAL (NORMAL):

Displayed in the horizontal to vertical ratio of 3:4 screen (normal size of TV screen) with both ends black.

FULL (FULL):

Displayed in the horizontal to vertical ratio of 3:4 screen (normal size of TV screen) that is expanded uniformly in the left and right directions.

ZOOM (ZOOM):

Displayed in the horizontal to vertical ratio of 3:4 screen (normal size of TV screen) that is expanded uniformly in the top and bottom directions and the left and right directions.

When receiving a wide screen broadcast, change over to this mode.

There is no legal restriction imposed so long as you enjoy the DVD personally. However, if the screen is compressed or expanded for a commercial purpose, or with the view of letting the general public enjoy the DVD, please note that this may infringe the right of authorship that is protected by the copyright law.

NOTE

Pressing the **AUDIO** button allows you to look and listen to the DVD in the size set.

Looking at the VIDEO

It is possible to look at the VIDEO with the VIDEO equipment externally connected.

1 Change the source over to VIDEO. (See Page 107.)

NOTE

- The VTR equipment is required to be connected externally.
- When "VIDEO" is displayed even after the source is changed over to VIDEO, the VIDEO equipment is not externally connected.

Satellite radio operation (if equipped)

To receive satellite radio, it is necessary to install the Subaru genuine satellite receiver and to enter into a contract. For details, please contact your SUBARU dealer.

■ XM™ satellite radio

XM™ is a continental U.S. based satellite radio service, including music, news, sports, talk and children's programming.

XM™ provides digital quality audio and text information, including song title and artist name. A service fee is required to receive the XM™ service. For more information, contact XM™ at www.xmradio.com or call 1-800-XMRADIO (1-800-967-2346) for U.S.

■ Sirius satellite radio

Sirius satellite radio is a recent innovation that allows the listener to experience digital sound quality and to have a greater variety of channels.

Use of satellite radio (Sirius) requires a tuner, antenna and a service contract. For details, please contact your SUBARU dealer or visit Sirius Satellite Radio at www.sirius.com or call 1-888-539-SIRIUS (7474) for more information. Sirius, the Sirius dog logo, channel names and logos are trademarks of SIRIUS Satellite Radio Inc.

■ Satellite radio reception

Satellite radio signals are best received in areas with a clear view of the open sky. In areas where there are tall buildings, trees, tunnels or other structures that may obstruct the signal of the satellites, there may be signal interruptions. Other circumstances that may result in signal loss include driving near a wall, steep cliff, hill or driving on the lower level of a multi-tiered road or inside of a parking garage.

To help reduce this condition, satellite radio providers have installed ground-based repeaters in heavily populated areas. However, you may still experience reception problems in some areas.

Setting the audio

Setting the equalizer

It is possible to set the audio to the sound quality of your preference.

Setting the equalizer with ease

.....

It is possible to select a sound category to set the equalizer with ease.

1 Press the **AUDIO** button.

2 Select **SETTING** (SETTING).



- Even when each source screen is displayed, select **SETTING** (SETTING) to operate it in the same way.
- When the DVD playback screen is displayed, press the **AUDIO** button again to display the screen shown above.

3 Select **EQUALIZER** (EQUALIZER) in the SETTING screen.



4 Select either of the categories.



- NATURAL: Suitable for natural sound like voice of people.
- ROCK: Suitable for rock music
- POPS: Suitable for pop music
- EASY: Suitable for easy listening music
- JAZZ: Suitable for jazz music

Setting the equalizer in detail

Setting the numeric value of the equalizer in detail allows you to enjoy a sound quality more suited to your taste. Presetting the equalizer allows you to invoke it later.

1 Press the **AUDIO** button.

2 Select **SETTING** (SETTING).



- Even when each source screen is displayed, select **SETTING** (SETTING) to operate it in the same way.
- When the DVD playback screen is displayed, press the **AUDIO** button again to display the screen shown above.

3 Select **EQUALIZER** (EQUALIZER) in the SETTING screen.



4 Select either of the BANDs 1 to 4 and then select **◀ ▶** to set a numeric value for each band.



FREQ:
Used to set the frequency.

BAND1
60/80/100/120/160/200

BAND2
250/315/400/500/630/800/1k

BAND3
1.25k/1.6k/2k/2.5k/3.15k/4k

BAND4
5k/6.3k/8k/10k/12.5k/16k

Q: 0.25/0.5/1/2

Used to set the degree of acumination.

GAIN: -9/-7/-5/-3/-2/-1/0/1/2/3/5/7/9

Used to set the value of gain.

The larger the value of Q factor (degree of acumination) is, the more the gain of the center frequency is enhanced.

- 5** When presetting the equalizer setting, select either of **1** to **3** of the USER PRESET for more than 2 second.



NOTE

When not preset, it is not possible to invoke the setting later. However, you can enjoy the audio as you have set it.

Invoking the equalizer setting that has been preset

It is possible to invoke the equalizer preset to make use of it.

- 1 Press the **AUDIO** button.
- 2 Select **SETTING** (SETTING).



- Even when each source screen is displayed, select **SETTING** (SETTING) to operate it in the same way.
- When the DVD playback screen is displayed, press the **AUDIO** button again to display the screen shown above.

- 3 Select  (EQUALIZER) in the SETTING screen.



- 4 Select either of  to  of USER PRESET.



Setting the balance of the audio volume

Set the balance of the audio volume and the sound volume of the sub woofer in the vehicle.

1 Press the **AUDIO** button.

2 Select **SETTING** (SETTING).

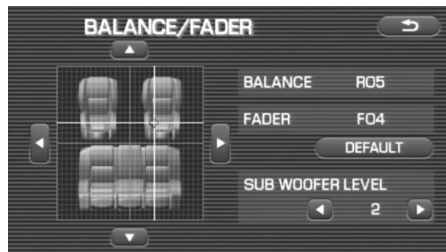


- Even when each source screen is displayed, select **SETTING** (SETTING) to operate it in the same way.
- When the DVD playback screen is displayed, press the **AUDIO** button again to display the screen shown above.

3 Select  (BALANCE/FADER) in the SETTING screen.



4 Select     given in the in-vehicle illustration to set the balance of the sound volume. And then select   of the SUB WOOFER LEVEL to set the sound volume of the SUB WOOFER.



Set "+" to the position at which you want to tone up the sound volume most.

NOTE

- Selecting **DEFAULT** (DEFAULT) gets "+" back to the center position.
- The setting of the sub woofer level is available only when the sub woofer is connected. (See Page 166.)
- The larger the numeric value of the sub woofer level, the bigger the sub woofer volume.

Setting the surround

The setting of the surround is made for each source. Set the surround for the source currently selected.

- 1 Press the [MODE/TUNE] button to select the source for which the surround is to be set.
- 2 Press the **AUDIO** button.
- 3 Select **SETTING** (SETTING).



Even when each source screen is displayed, select **SETTING** (SETTING) to operate it in the same way.

- 4 Select  (SURROUND) in the SETTING screen.



- 5 Select either of the surround modes.

Bypass: Selected when no surround setting is made.

Music: In the Music mode, it is possible to use the mode controllers such as "Dimension," "Center Width" and "Panorama" to adjust the sound space to the optimum condition according to your taste.

- "Dimension": This is used to adjust the condition of the sound space back and forth.
The more  is selected, the more the distribution of the sound volume to the front speaker is increased, and the more  is selected, the more the distribution of the sound volume to the rear speaker is increased.
- "Center Width": This is used to adjust the balance of the left and right speakers and the center speaker (sold separately). The larger the value gets, the more the distribution of the sound volume is increased.

- "Panorama": This enhances greatly the stereo effect in front including the surround speaker. With the entire vehicle used, you can enjoy the feeling like "being wrapped in sound." It is recommended that you use this mode when playing back the stereo signals of an audio CD.

Movie: The MOVIE mode of PRO LOGIC II is programmed so that the playback is made in the calculated high quality sound. It is recommended that you use this mode when playing back a DVD video attached with the mark.

Matrix: In the Matrix mode, the directionally enhanced circuit is turned off. So, it is possible to enhance monaural signals to make them look large. It is recommended that you use this mode when the reception condition of the stereo signals of FM radio and TV is unstable and is offensive to the ear, or when playing back monaural signals.

Dolby PL: The PRO LOGIC mode is used when the sound quality of source contents is not optimal, or when you want to listen to a program in the "familiar" sound quality.

Setting the speaker

Make a setting for the connection of the center speaker and the sub woofer.

The center speaker and the sub woofer are sold separately. When using them, contact the Subaru dealer.

1 Press the **AUDIO** button.

2 Select **SETTING** (SETTING).

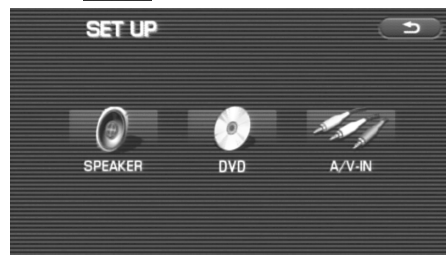


- Even when each source screen is displayed, select **SETTING** (SETTING) to operate it in the same way.
- When the DVD playback screen is displayed, press the **AUDIO** button again to display the screen shown above.

3 Select **SET UP** (SET UP).



4 Select **SPEAKER** (SPEAKER).



- 5** Make a setting to decide whether or not the SUB WOOFER and the center speaker are connected.



- Select [ON] of the SUB WOOFER when connecting the sub woofer. And select **OFF** (OFF) when not connecting it.
- Select [ON] of the CENTER when connecting the center speaker. And select **OFF** (OFF) when not connecting it.
- A speaker that is set to be connected is displayed lit on the illustration left.

Initializing the DVD

The DVD player is initialized. The selection of the superimposed language and the sound can be set while in the looking and listening of the DVD. However, it is convenient if you initialize in advance the settings frequently used.

1 Press the **AUDIO** button.

2 Select **SETTING** (SETTING).

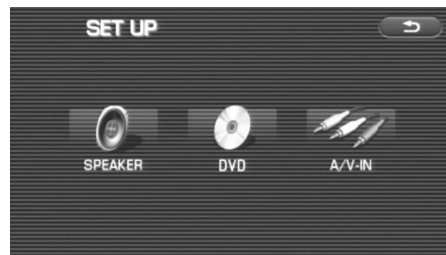


- Even when each source screen is displayed, select **SETTING** (SETTING) to operate it in the same way.
- When the DVD playback screen is displayed, press the **AUDIO** button again to display the screen shown above.

3 Select  (SET UP).



4 Select  (DVD).



The DVD SET UP screen is displayed.

5 When "After changing settings, system may not play back" is displayed, select **Yes** (Yes).

NOTE

The following can be conducted in this screen.

- Setting the screen (See Page 154.)
- Setting the dynamic range (See Page 170.)
- Setting the language (See Page 171.)
- Setting the parental level (See Page 173.)

Setting the screen

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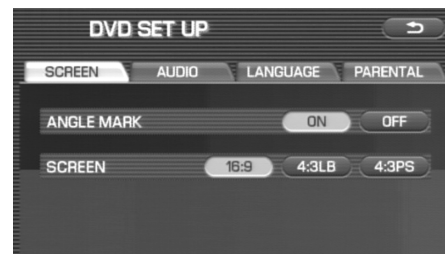
It is possible to make a setting to decide whether or not the angle mark is displayed. And it is also possible to set the type of the image.

The angle mark is a mark displayed when the angle can be changed while playing back a DVD compliant with multi-angle.

1 Select **SCREEN** (SCREEN) in the DVD SET UP screen.

2 Make a setting to decide whether or not the angle mark is displayed, and also set the type of the screen.

Select **On** (ON) of the ANGLE MARK to display the angle mark. And select **OFF** (OFF) not to display the ANGLE MARK.



Select either of the following to set the type of the image.

- **16:9** : The width and height of the image is displayed in the ratio of 16:9.

- **4:3LB** : With a black frame attached to the top and bottom of the image in the ratio of 16:9, the width and height is displayed in the ratio of 4:3.
- **4:3PS** : The width and height is displayed in the ratio of 4:3.

Setting the dynamic range

The dynamic range is set. The setting of the dynamic range is effective when playing back Dolby digital image.

- 1 Select **AUDIO** (AUDIO) in the DVD SET UP screen.
- 2 Set the dynamic range.



Select either of the following to set the dynamic range.

- **WIDE** : Used to enhance the high-pitched sounds and the low-pitched sounds so that the dynamic range is played back in the sound modulated for effect.
- **NORMAL** : Used to play back the dynamic range in the normal mode.
- **NARROW** : Used to suppress the high-pitched sounds and the low-pitched sounds to make speeches listener-friendly.

Setting the language

It is possible to initialize the voice language, the superimposed language and the language to be displayed on the menu.

For detailed method for changing the language while in the looking and listening of the DVD, refer to "Changing the voice language" on Page 152 and "Changing the superimposed language" on Page 151.

1 Select **LANGUAGE** (LANGUAGE) in the DVD SET UP screen.

2 Select the language item you want to set.



- AUDIO LANGUAGE** : Used to set the voice language.
- SUBTITLE LANGUAGE** : Used to set the superimposed language.
- MENU LANGUAGE** : Used to set the language to be displayed on the menu.

3 Select the voice you want to set. When there is no language found you want to set, select **OTHERS** (OTHERS).



Selecting the language terminates this operation.

4 Enter the LANGUAGE CODE of the language you want to set and then select **OK** (OK).



Setting the password of the parental level

The parental level is used to restrict the looking and listening of the DVD according to the level set. To set the parental level, it is necessary to register a password in advance.

When setting the parental level, it sometimes occurs that a password is asked for while in the looking and listening of the DVD. In that case, enter the password you used when setting the parental level.

1 Select **PARENTAL** (PARENTAL) in the DVD SET UP screen.

2 Select **REGISTER PASSWORD** (REGISTER PASSWORD).



When the password has been set and you want to change it, select **CHANGE PASSWORD** (CHANGE PASSWORD).

3 Select the numeric key to enter a 4-digit password, and then select **OK** (OK).



Selecting **CLEAR** (CLEAR) deletes what has been entered.

4 As a password for confirmation, enter a 4-digit password that is the same as the one used in step 3 and then select **OK** (OK).



When setting the parental level, follow the procedure given at step 4 and the succeeding steps on Page 173.

Setting the parental level

Set the parental level to restrict the looking and listening of the DVD according to the level set. In order to set the parental level, a password is used. When a password is not yet set, it is necessary to register a password. (See Page 172.)

- 1 Select **PARENTAL** (PARENTAL) in the DVD SET UP screen.
- 2 Select **CHANGE LEVEL** (CHANGE LEVEL).



- 3 Select the numeric keys to enter a 4-digit password and then select **OK** (OK).



Selecting **CLEAR** (CLEAR) deletes what has been entered.

- 4 Select **◀ ▶** of the PARENTAL LEVEL.

The smaller the numeric value of the parental level, the more severe the restriction. And the larger the numeric value, the more gentle the restriction.

- 5 Select the numeric keys to enter a 4-digit password and then select **OK** (OK).

If you want to change the password, select [CHANGE PASSWORD], and then change it referring to "Setting the password of the parental level" on Page 172.

