

# DENON

AV SURROUND RECEIVER

# AVR-4308

# AVR-3808

## Owner's Manual [Additional functions edition]

The AVR-4308 / AVR-3808 Owner's manual is organized in the following two volumes.

- [The original version] and [Additional functions edition] (This version)

### This version contains descriptions of additional and changed functions only.

The additional and changed functions are items indicated by "↗" in the GUI Menu Map.

GUI Menu Map : AVR-4308 (☞ page 3), AVR-3808 (☞ page 4)

#### NOTE

Where the [Additional functions edition] and [The original version] contain items with the same name, please refer to the [Additional functions edition].

**A NOTE ABOUT RECYCLING:**

This product's packaging materials are recyclable and can be reused. Please dispose of any materials in accordance with the local recycling regulations. When discarding the unit, comply with local rules or regulations. Batteries should never be thrown away or incinerated but disposed of in accordance with the local regulations concerning battery disposal. This product and the supplied accessories, excluding the batteries, constitute the applicable product according to the WEEE directive.



Pb

**Additional functions**

**1. Corresponding with New DENON control dock for iPod ASD-11R**

You can enjoy iPod playback (music / photos / movies) by connecting ASD-11R.

**2. Addition of Audyssey Dynamic Volume**

While constantly monitoring the sound source, Audyssey Dynamic Volume delivers optimum volume adjustment without losing dynamic range.

**3. Addition of Audyssey Dynamic EQ**

Audyssey Dynamic EQ assures there is no loss of sound quality even at low volume.

**4. HDMI control function included**

By connecting a HDMI compatible TV or recorder with HDMI cable, you can operate the power on/off, volume control and other main functions via the TV's remote control unit.

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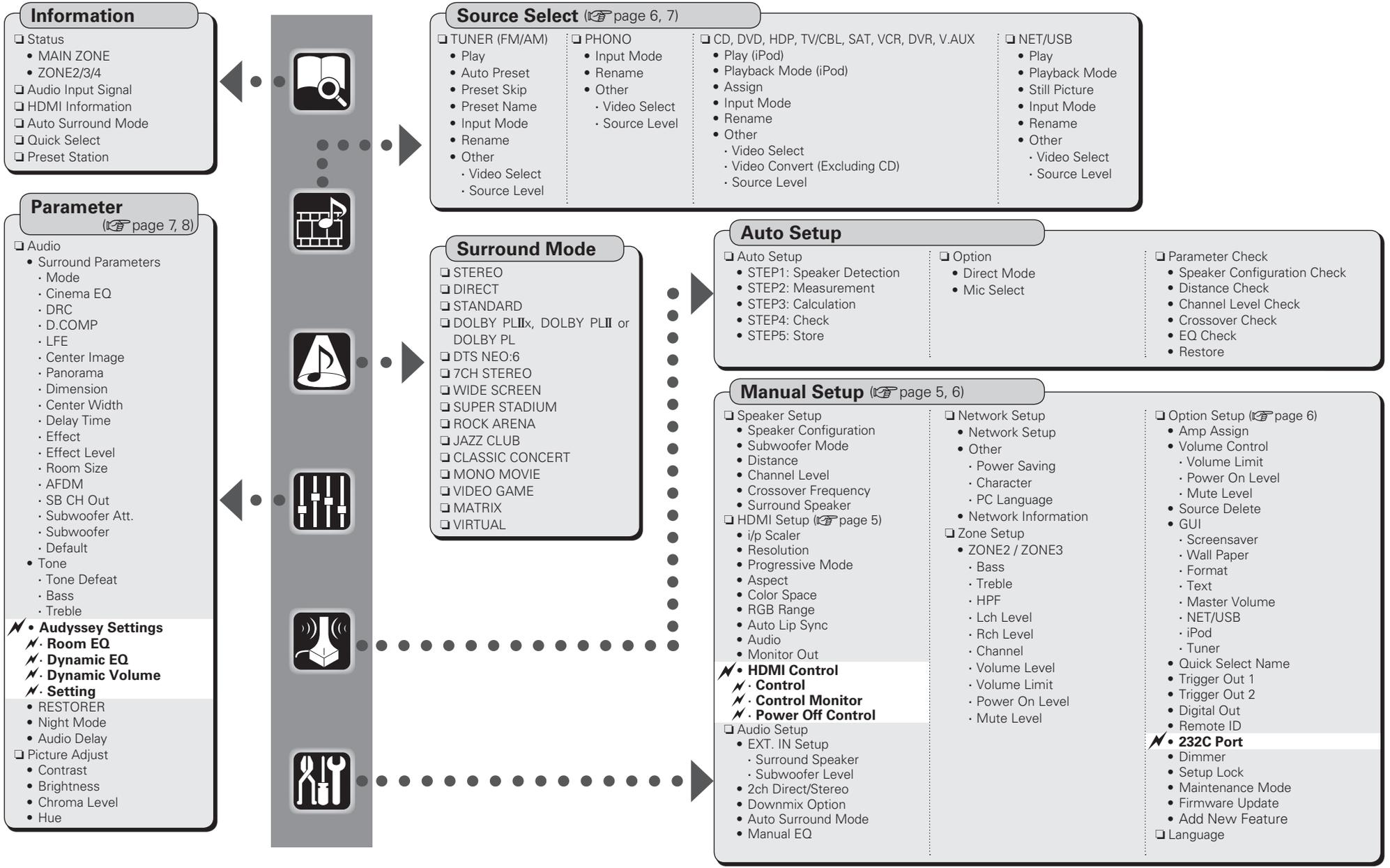
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# GUI Menu Map

For AVR-4308

⚡ indicates newly added function.



# For AVR-3808

⚡ indicates newly added function.

### Information

- Status
  - MAIN ZONE
  - ZONE2/3
- Audio Input Signal
- HDMI Information
- Auto Surround Mode
- Quick Select
- Preset Station

### Parameter (page 7, 8)

- Audio
  - Surround Parameters
    - Mode
    - Cinema EQ
    - DRC
    - D.COMP
    - LFE
    - Center Image
    - Panorama
    - Dimension
    - Center Width
    - Delay Time
    - Effect
    - Effect Level
    - Room Size
    - AFDM
    - SB CH Out
    - Subwoofer Att.
    - Subwoofer
    - Default
  - Tone
    - Tone Defeat
    - Bass
    - Treble
- ⚡ **Audyssey Settings**
  - ⚡ **Room EQ**
  - ⚡ **Dynamic EQ**
  - ⚡ **Dynamic Volume**
  - ⚡ **Setting**
    - RESTORER
    - Night Mode
    - Audio Delay
- Picture Adjust
  - Contrast
  - Brightness
  - Chroma Level
  - Hue



### Source Select (page 6, 7)

<input type="checkbox"/> TUNER (FM/AM) <ul style="list-style-type: none"> <li>• Play</li> <li>• Auto Preset</li> <li>• Preset Skip</li> <li>• Preset Name</li> <li>• Input Mode</li> <li>• Rename</li> <li>• Other                         <ul style="list-style-type: none"> <li>· Video Select</li> <li>· Source Level</li> </ul> </li> </ul>	<input type="checkbox"/> PHONO <ul style="list-style-type: none"> <li>• Input Mode</li> <li>• Rename</li> <li>• Other                         <ul style="list-style-type: none"> <li>· Video Select</li> <li>· Source Level</li> </ul> </li> </ul>	<input type="checkbox"/> CD, DVD, HDP, TV/CBL, SAT, VCR, DVR, V.AUX <ul style="list-style-type: none"> <li>• Play (iPod)</li> <li>• Playback Mode (iPod)</li> <li>• Assign</li> <li>• Input Mode</li> <li>• Rename</li> <li>• Other                         <ul style="list-style-type: none"> <li>· Video Select</li> <li>· Video Convert (Excluding CD)</li> <li>· Source Level</li> </ul> </li> </ul>	<input type="checkbox"/> NET/USB <ul style="list-style-type: none"> <li>• Play</li> <li>• Playback Mode</li> <li>• Input Mode</li> <li>• Rename</li> <li>• Other                         <ul style="list-style-type: none"> <li>· Video Select</li> <li>· Source Level</li> </ul> </li> </ul>
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### Surround Mode

- STEREO
- DIRECT
- STANDARD
- DOLBY PLIIx, DOLBY PLII or DOLBY PL
- DTS NEO:6
- 7CH STEREO
- WIDE SCREEN
- SUPER STADIUM
- ROCK ARENA
- JAZZ CLUB
- CLASSIC CONCERT
- MONO MOVIE
- VIDEO GAME
- MATRIX
- VIRTUAL

### Auto Setup

<input type="checkbox"/> Auto Setup <ul style="list-style-type: none"> <li>• STEP1: Speaker Detection</li> <li>• STEP2: Measurement</li> <li>• STEP3: Calculation</li> <li>• STEP4: Check</li> <li>• STEP5: Store</li> </ul>	<input type="checkbox"/> Option <ul style="list-style-type: none"> <li>• Direct Mode</li> <li>• Mic Select</li> </ul>	<input type="checkbox"/> Parameter Check <ul style="list-style-type: none"> <li>• Speaker Configuration Check</li> <li>• Distance Check</li> <li>• Channel Level Check</li> <li>• Crossover Check</li> <li>• EQ Check</li> <li>• Restore</li> </ul>
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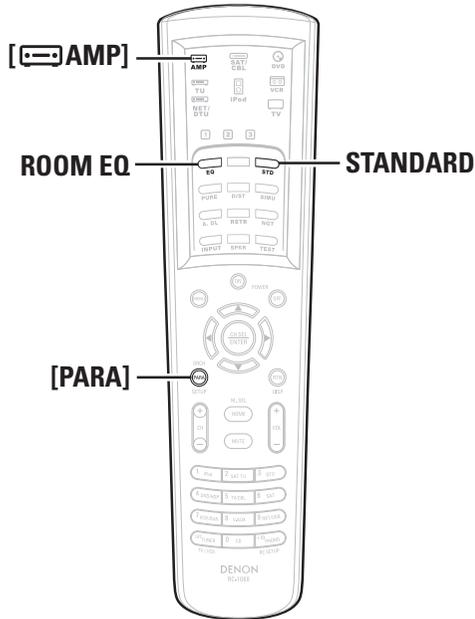
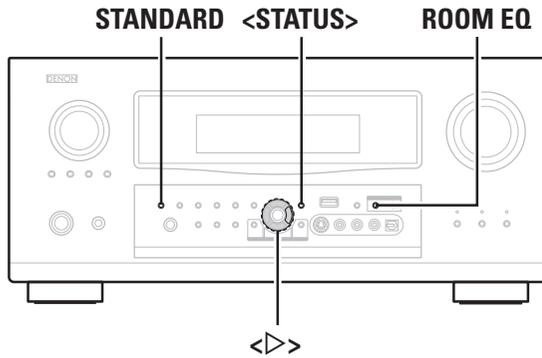
### Manual Setup (page 5, 6)

<input type="checkbox"/> Speaker Setup <ul style="list-style-type: none"> <li>• Speaker Configuration</li> <li>• Subwoofer Mode</li> <li>• Distance</li> <li>• Channel Level</li> <li>• Crossover Frequency</li> <li>• Surround Speaker</li> </ul>	<input type="checkbox"/> Network Setup <ul style="list-style-type: none"> <li>• Network Setup</li> <li>• Other                         <ul style="list-style-type: none"> <li>· Power Saving</li> <li>· Character</li> <li>· PC Language</li> </ul> </li> <li>• Network Information</li> </ul>	<input type="checkbox"/> Option Setup <small>(page 6)</small> <ul style="list-style-type: none"> <li>• Amp Assign</li> <li>• Volume Control                         <ul style="list-style-type: none"> <li>· Volume Limit</li> <li>· Power On Level</li> <li>· Mute Level</li> </ul> </li> <li>• Source Delete</li> <li>• GUI                         <ul style="list-style-type: none"> <li>· Screensaver</li> <li>· Wall Paper</li> <li>· Format</li> <li>· Text</li> <li>· Master Volume</li> <li>· NET/USB</li> <li>· iPod</li> <li>· Tuner</li> </ul> </li> <li>• Quick Select Name</li> <li>• Trigger Out 1</li> <li>• Trigger Out 2</li> <li>• Remote ID</li> </ul>
<input type="checkbox"/> HDMI Setup <small>(page 5)</small> <ul style="list-style-type: none"> <li>• i/p Scaler</li> <li>• Resolution</li> <li>• Progressive Mode</li> <li>• Aspect</li> <li>• Color Space</li> <li>• RGB Range</li> <li>• Auto Lip Sync</li> <li>• Audio</li> </ul>	<input type="checkbox"/> Zone Setup <ul style="list-style-type: none"> <li>• ZONE2 / ZONE3                         <ul style="list-style-type: none"> <li>· Bass</li> <li>· Treble</li> <li>· HPF</li> <li>· Lch Level</li> <li>· Rch Level</li> <li>· Channel</li> <li>· Volume Level</li> <li>· Volume Limit</li> <li>· Power On Level</li> <li>· Mute Level</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>⚡ <b>HDMI Control</b> <ul style="list-style-type: none"> <li>⚡ <b>Control</b></li> <li>⚡ <b>Power Off Control</b></li> </ul> </li> </ul>
<input type="checkbox"/> Audio Setup <ul style="list-style-type: none"> <li>• EXT. IN Setup                         <ul style="list-style-type: none"> <li>· Surround Speaker</li> <li>· Subwoofer Level</li> </ul> </li> <li>• 2ch Direct/Stereo</li> <li>• Downmix Option</li> <li>• Auto Surround</li> <li>• Manual EQ</li> </ul>	<input type="checkbox"/> Language <ul style="list-style-type: none"> <li>• Dimmer</li> <li>• Setup Lock</li> <li>• Maintenance Mode</li> <li>• Firmware Update</li> <li>• Add New Feature</li> </ul>	

**Symbols used to indicate buttons in this manual**

- Button located on both the main unit and the remote control unit → **BUTTON**
- Button only on the main unit → **<BUTTON>**
- Button only on the remote control unit → **[BUTTON]**

<Illustration : AVR-4308>



# Manual Setup

Make detail settings for various parameters.

## HDMI Setup

Make settings for HDMI video/audio output.

- Menu tree
- Manual Setup
  - HDMI Setup
    - HDMI Control

### 1 HDMI Control

Make settings for HDMI control function.

#### Control

Set HDMI control function ON/OFF.

[Selectable items] **ON** **OFF**

#### NOTE

If you set "Control" to "ON", the "HDMI" and "Digital" assignment in "Source Select" - "Assign" (page 6, 7) under the GUI menu changes.

#### Control Monitor (AVR-4308 only)

Select the interlocking monitor with the HDMI control.

[Selectable items] **Monitor1** **Monitor2**



This can be set when "Control" is set to "ON".

#### Power Off Control

Interlock power OFF with HDMI control.

[Selectable items] **ON** **OFF**



- This can be set when "Control" is set to "ON".
- Please consult the operating instructions for each connected device to check the settings.

#### NOTE

- When the "Control" setting has been changed, always turn off the power to the connecting devices afterwards and then turn back on.
- The HDMI control function does not work when the power to the equipment is off.
- For details, see "HDMI Control Function" (page 11).

## Option Setup

Make various other settings.



● Menu tree ●

Manual Setup

Option Setup

1 GUI

2 232C Port

3 Add New Feature

### 1 GUI

Make GUI related settings.

## Master Volume

Master volume display during adjustment.

[Selectable items] **Bottom** **Top** **OFF**



If the Master Volume display is superimposed on the film subtitles making it difficult to see, select the "Top" setting.

### 2 232C Port

Set when external controller or 2-way remote control unit is connected.

[Selectable items]

**Serial Control** : Set when using an external controller.

**2Way Remote** : Set when using a 2-way remote control unit.

#### NOTE

When using a 2-way remote control unit (RC-7000CI and RC-7001RCI, sold separately), set this to "2Way Remote".

In this case, you can not use the RS-232C connector as an external controller.

### 3 Add New Feature

Display the new features (payment required) which can be purchased for downloading to the AVR-4308 / AVR-3808 and upgrade.

When you purchase a new feature and register your user information, "Registered" is displayed on this menu and you can proceed with the upgrade.



When "Not Registered" is displayed on the Add New Feature screen, you cannot upgrade.

To use the upgrade function, you should purchase an upgrade package from the DENON website.

To purchase the package, you will need the ID number shown on this screen.

To display the ID number on the screen, hold the <D> and <STATUS> buttons down for 3 seconds or more.

## Upgrade Status

A list of the additional functions provided by the Upgrade will be displayed.



Do not turn off the power or disconnect from the network during an upgrade.



## Source Select

Use this procedure to select the input source and make the settings related to playing input sources.

## Settings Related to Playing Input Sources



● Menu tree ●

Source Select

TUNER

PHONO

CD, DVD, HDP, TV/CBL, SAT, VCR, DVR, V.AUX

1 Assign

NET/USB

### 1 Assign

Assign input sources to input connectors.

## HDMI

Select HDMI connector to assign to this source.

[Input source] **DVD** **HDP** **TV/CBL** **SAT** **VCR**  
**DVR** **V.AUX**

[Selectable items] **1** **2** **3** **4** **None**

Input source	DVD	HDP	TV/CBL	SAT	VCR	DVR	V.AUX
Default setting	HDMI1	HDMI2	HDMI3	None	None	HDMI4	None

When "HDMI Control" is set to "ON", the HDMI connector assignment changes as follows.

Input source	DVD	HDP	TV/CBL	SAT	VCR	DVR	V.AUX
Default setting	HDMI1	HDMI2	None	HDMI3	None	HDMI4	None



- With HDMI, the video and audio signals are transferred simultaneously. To play the video signal assigned at "HDMI" combined with the audio signal assigned at "Digital", select "Digital" at GUI menu "Source Select" – "Input Mode".
- When the AVR-4308 / AVR-3808 and monitor are connected with an HDMI cable, if the monitor is not compatible with HDMI audio signal playback, only the video signals are output to the monitor.
- The audio signals input from the analog, digital and EXT. IN connectors are not output to the monitor.

**NOTE**

When "HDMI Control" (page 5) is set to "ON", HDMI cannot be assigned to "TV/CBL".

**Digital**

Select digital input connector to assign to this source.

[Input source]

[Selectable items]

\*

Input source	CD	DVD	HDP	TV/CBL	SAT	VCR	DVR	V.AUX
Default setting	Coaxial 3	Coaxial 1	None	Coaxial 2	Optical 1	Optical 3	Optical 2	Optical 4

\*: When a DENON DVD player and the DENON LINK have been connected, be sure to make a setting to "DENON LINK".

When "HDMI Control" is set to "ON", the digital input connector assigned to "TV/CBL" changes to "Optical3".

**NOTE**

- This cannot be set for input sources for which "iPod dock" is assigned.
- When an input source to which "DENON LINK" has been assigned is selected in the MAIN ZONE, the PCM signal and network audio signal (Internet radio, music server or USB) input from the digital input connector cannot be output to the analog REC OUT connector or multi-zone.

GUI

# Parameter

GUI

## Audio

Adjust various audio parameters.

- Menu tree ●
- Parameter
  - Audio
    - 1 Surround Parameters
    - 2 Audyssey Settings

**1 Surround Parameters**

Adjust surround sound parameters.  
The adjustable parameters differ for the different surround modes.

**SB CH Out** (for Multi-channel sources)

Select playback mode for surround back channels.

[Selectable items]

\*1
  \*2
   
 \*3
  \*4

- \*1: This can be selected when "Surround Back" is set to "2spkr" at the GUI menu "Manual Setup" – "Speaker Setup" – "Speaker Configuration" setting.
- \*2: This can be selected when "Surround Back" is set to "2spkr" or "1spkr" at the GUI menu "Manual Setup" – "Speaker Setup" – "Speaker Configuration" setting.
- \*3: This can be selected when playing DTS sources.
- \*4: This can be selected when playing DTS sources including a discrete 6.1-channel signal identification signal.



When using the surround back speaker, you can change the "SB CH Out" setting by pressing **STANDARD**.

**2 Audyssey Settings**

Select Room EQ, Dynamic EQ and Dynamic Volume.

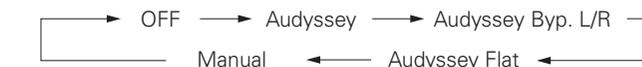
**Room EQ**

[Selectable items]

: Optimize frequency response of all speakers.
   
 : Optimize frequency response of speakers except front L and R speakers.
   
 : Optimize frequency response of all speakers to flat response.
   
 : Apply frequency response set with "Manual EQ".
   
 : Turn equalizer off.

**Operating from the main unit or main remote control unit**

Press **ROOM EQ**.



- When "Audyssey", "Audyssey Byp. L/R" or "Audyssey Flat" is selected, "AUDYSSEY MULTEQ XT" lights.
- After running Auto Setup, if the Speaker Configuration, Distance, Channel Level, and Crossover Frequency have changed without increasing the number of speakers measured, only "AUDYSSEY MULTEQ XT" lights.



- "Audyssey", "Audyssey Byp. L/R" and "Audyssey Flat" can be selected after the auto setup procedure has been performed.
- After performing "Auto Setup", the "Room EQ" setting automatically becomes "Audyssey".
- If the settings of speakers for which "None" has been determined at "Auto Setup" are changed, "Audyssey", "Audyssey Byp. L/R" and "Audyssey Flat" cannot be selected. Either perform Auto Setup again, or return to the setting after running Auto Setup with "Auto Setup" – "Parameter Check" – "Restore".
- When using headphones or EXT. IN mode, "Room EQ" cannot be used.

## Dynamic EQ

Audyssey Dynamic EQ™ solves the problem of deteriorating sound quality as volume is decreased by taking into account human perception and room acoustics. Audyssey Dynamic EQ works in tandem with Audyssey MultEQ® XT to provide well-balanced sound for every listener at any volume level.

### [Selectable items]

**ON** : Use Dynamic EQ function.

**OFF** : Do not use Dynamic EQ function.

### Operating from the main remote control unit

Press **[PARA]**.



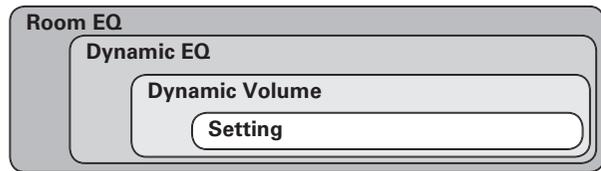
- “Dynamic EQ” can only be set when auto setup has been performed.
- After performing “Auto Setup”, the “Dynamic EQ” setting automatically becomes “ON”.
- “Dynamic EQ” cannot be set in the following situations.
  - If “Auto Setup” fails to be completed.
  - After running Auto Setup, when the number of used speakers has increased from the number of measured speakers.
- When “Room EQ” is set to “OFF” or “Manual”, “Dynamic EQ” is automatically set to “OFF”.
- Before running Auto Setup and after running Auto Setup, if the number of speakers has increased or you pressed **[PARA]**, “Run Audyssey” is displayed. In this case, either perform Auto Setup or return to the setting after running Auto Setup with “Auto Setup” – “Parameter Check” – “Restore”.

### NOTE

When you set “Dynamic EQ” to “ON”, “Tone” and “Night Mode” cannot be used.

#### Operating conditions for each function

- **Dynamic EQ** : When “Room EQ” is set to “Audyssey”, “Audyssey Byp. L/R” or “Audyssey Flat”
- **Dynamic Volume** : When “Dynamic EQ” is set to “ON”
- **Setting** : When “Dynamic Volume” is set to “ON”



## Dynamic Volume

Audyssey Dynamic Volume™ solves the problem of large variations in volume level between television programs, commercials, and between the soft and loud passages of movies.

Audyssey Dynamic EQ is integrated into Dynamic Volume so that as the playback volume is adjusted automatically, the perceived bass response, tonal balance, surround impression, and dialog clarity remain the same.

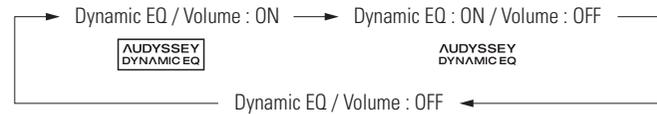
### [Selectable items]

**ON** : Use Dynamic Volume.  
The Dynamic Volume effect will be at the level of the “Setting”.

**OFF** : Do not use Dynamic Volume.

### Operating from the main remote control unit

Press **[PARA]**.



- “Dynamic Volume” can only be set when auto setup has been performed.
- “Dynamic Volume” cannot be set in the following situations.
  - If “Auto Setup” fails to be completed.
  - After running Auto Setup, when the number of used speakers has increased from the number of measured speakers.
- When “Room EQ” is set to “OFF” or “Manual”, “Dynamic Volume” is automatically set to “OFF”.
- Before running Auto Setup and after running Auto Setup, if the number of speakers has increased or you pressed **[PARA]**, “Run Audyssey” is displayed. In this case, either perform Auto Setup or return to the setting after running Auto Setup with “Auto Setup” – “Parameter Check” – “Restore”.

### NOTE

“Dynamic Volume” and “Night Mode” cannot be used jointly.

## Setting

Can be set when “Dynamic Volume” is set to “ON”.  
Set Dynamic Volume effect.

### [Selectable items]

**Midnight** : High setting affects volume the most, causing all sounds to be of equal loudness.

**Evening** : Middle setting prevents loud and soft sounds from being much louder and softer respectively than average sounds.

**Day** : Low setting provides the least adjustments to the loudest and softest of sounds.

### NOTE

- “Setting” can only be set when auto setup has been performed.
- “Setting” cannot be set in the following situations.
  - If “Auto Setup” fails to be completed.
  - After running Auto Setup, when the number of used speakers has increased from the number of measured speakers.
  - If “Dynamic Volume” setting is “OFF”.

### About Dynamic EQ

Audyssey Dynamic EQ™ solves the problem of deteriorating sound quality as volume is decreased by taking into account human perception and room acoustics. Dynamic EQ selects the correct frequency response and surround levels moment-by-moment at any user-selected volume setting. The result is bass response, tonal balance, and surround impression that remain constant despite changes in volume. Dynamic EQ combines information from incoming source levels with actual output sound levels in the room, a prerequisite for delivering a loudness correction solution. Audyssey Dynamic EQ works in tandem with Audyssey MultEQ XT to provide well-balanced sound for every listener at any volume level.

### About Dynamic Volume

Audyssey Dynamic Volume™ solves the problem of large variations in volume level between television programs, commercials, and between the soft and loud passages of movies. Dynamic Volume looks at the preferred volume setting by the user and then monitors how the volume of program material is being perceived by listeners in real time to decide whether an adjustment is needed. Whenever necessary, Dynamic Volume makes the necessary rapid or gradual adjustments to maintain the desired playback volume level while optimizing the dynamic range. Audyssey Dynamic EQ is integrated into Dynamic Volume so that as the playback volume is adjusted automatically, the perceived bass response, tonal balance, surround impression, and dialog clarity remain the same whether watching movies, flipping between television channels, or changing from stereo to surround sound content.

# Playback

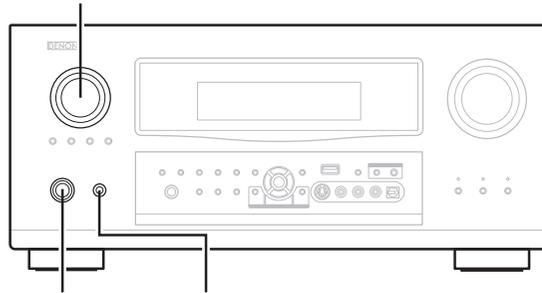


## Symbols used to indicate buttons in this manual

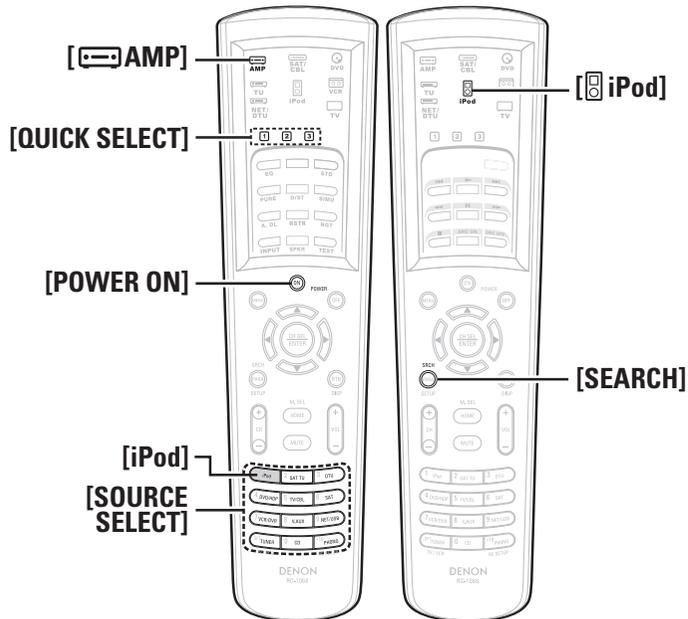
- Button located on both the main unit and the remote control unit → **BUTTON**
- Button only on the main unit → **<BUTTON>**
- Button only on the remote control unit → **[BUTTON]**

<Illustration : AVR-4308>

### <SOURCE SELECT>



### <ON/STANDBY> <POWER>



## Preparations

### Turning the Power On

- 1 Press <POWER>.**  
The power indicator lights red and the power is set to the standby mode.
- 2 Press <ON/STANDBY> or [POWER ON].**  
The power indicator flashes green and the power turns on.  
  - ※ Also press [SOURCE SELECT] when in standby mode, the power turns on. In this case the input source is selected by main remote control unit.
  - ※ Also press [QUICK SELECT] when in standby mode, the power turns on. In this case Quick Select is selected.

## iPod® Playback

The music on an iPod can be played by using the Control Dock for iPod (ASD-1R or ASD-11R, sold separately). The operation can also be performed using the buttons on the main unit or remote control unit while watching the GUI menus.



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

※ The iPod may only be used to copy or play contents that are not copyrighted or contents for which copying or playback is legally permitted for your private use as an individual. Be sure to comply with applicable copyright legislation.

### Basic Operation

- 1 Make the necessary preparations.**
  - ① Set the iPod in the DENON Control Dock for iPod.  
(See the Control Dock for iPod's operating instructions.)
  - ② Assign the Control Dock for iPod's input.

**GUI** : "Source Select" – "(input source)" – "Assign" – "iPod dock"

- 2 Either turn <SOURCE SELECT> or press [iPod] (AMP mode) to select the input source assigned in step 1-② above.**

– GUI screen –



(When using an ASD-1R)

(When using an ASD-11R)

※ When using the ASD-11R, "Music" and "Videos" folders appear in the Top menu.  
 ※ When communication between AVR-4308 / AVR-3808 and iPod is complete, the relevant GUI screen is displayed. If the screen is not displayed, the iPod may not be properly connected. Try connecting again.

**GUI** : "Source Select" – "(input source)" – "Play"

- 3 To operate using the main remote control unit, set the remote control unit to the iPod mode.**

- 4 Press [SEARCH] and hold it down for a 2 seconds or more to select the display mode.**

To switch between modes, press and hold down the button. When remote mode is active, "Remote" is displayed.

		[Selectable mode]	Browse mode	Remote mode
Display location			Main unit display	iPod display
Playable files	Audio file		○	○
	Video file		○ *1	○ *2
Active buttons	Remote control unit (AVR-4308 / AVR-3808)		○	○
	iPod		×	○

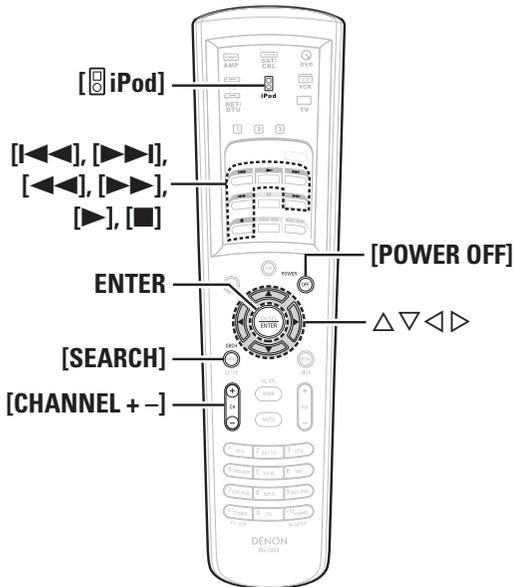
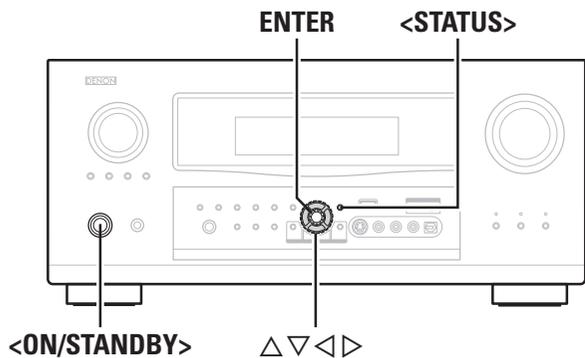
\*1 : When using an ASD-11R control dock for iPod.

\*2 : Video may not be output, depending on the combination of ASD-1R and iPod.

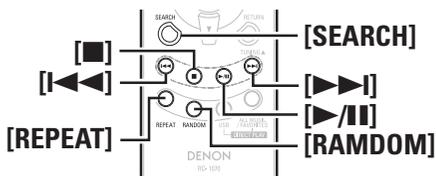
**Symbols used to indicate buttons in this manual**

- Button located on both the main unit and the remote control unit → **BUTTON**
- Button only on the main unit → **<BUTTON>**
- Button only on the remote control unit → **[BUTTON]**

<Illustration : AVR-4308>



(Main remote control unit)



(Sub remote control unit)



- With the default settings, the iPod can be used connected to the VCR (iPod) connector.
- Use the RESTORER mode to expand the low and high frequency components of compressed audio files and achieve a richer sound. The default setting is "Mode3".
- Press **<ON/STANDBY>** or **[POWER OFF]** and set the AVR-4308 / AVR-3808's power to the standby mode before disconnecting the iPod. Also switch the input source to one to which the GUI menu "iPod dock" is not assigned before disconnecting the iPod.

**NOTE**

- Depending on the type of iPod and the software version, some functions may not operate.
- DENON will accept no responsibility whatsoever for any loss of iPod data.

**Listening to Music**

**1** Use  $\Delta \nabla$  to select the search item or folder, then press **ENTER** or  $\triangleright$ .

※When using the ASD-11R, select "Music" on the Top menu.

**2** Use  $\Delta \nabla$  to select the music file, then press **ENTER** or  $\triangleright$ .  
Playback starts.

- Stopping playback temporarily**  
During playback, press **ENTER** or  $\triangleright$ .  
Press again to resume playback.
- Fast-forwarding or fast-reversing**  
During playback, either press and hold  $\Delta$  (to fast-reverse) or  $\nabla$  (to fast-forward), or press  $[\lll]$  or  $[\ggg]$ .
- To cue to the beginning of a track**  
During playback, either press  $\Delta$  (to cue to the previous track) or  $\nabla$  (to cue to the next track), or press  $[\lll]$  or  $[\ggg]$ .
- To stop**  
During playback, either press and hold **ENTER** or press  $[\blacksquare]$ .
- Playing repeatedly**  
Press **[CHANNEL -]** or **[REPEAT]** on the sub remote control unit.

**[Selectable items]** **All** **One** **OFF**

**GUI** : "Source Select" – "(input source)" – "Playback Mode (iPod)" – "Repeat"

- Shuffling playback**  
Press **[CHANNEL +]** or **[RANDOM]** on the sub remote control unit.

**[Selectable items]** **Albums** **Songs** **OFF**

**GUI** : "Source Select" – "(input source)" – "Playback Mode (iPod)" – "Shuffle"

- Searching up or down pages**  
Press **[SEARCH]**, then press  $\triangleleft$  (down) or  $\triangleright$  (up).  
To cancel, press  $\Delta \nabla$  or **[SEARCH]**.

- To switch between the Browse and Remote modes**  
Either press and hold **[SEARCH]**.



- The title name, artist name and album name can be checked by pressing **<STATUS>** during playback.
- On the AVR-4308 / AVR-3808, folder and file names can be displayed as titles. Any characters that cannot be displayed are replaced with "." (period)".
- The time (default : 30 sec) for which the GUI menus are displayed can be set at GUI menu "Manual Setup" – "Option Setup" – "GUI" – "iPod".

**Viewing Videos (Browse mode)**

When you connect an iPod equipped with a video function to the ASD-11R, video files will be visible in Browse mode.

- 1** Use  $\Delta \nabla$  to select "Videos", then press **ENTER** or  $\triangleright$ .
- 2** Use  $\Delta \nabla$  to select the search item or folder, then press **ENTER** or  $\triangleright$ .
- 3** Use  $\Delta \nabla$  to select the video file, then press **ENTER** or  $\triangleright$ .  
Playback starts.

## Viewing Still Pictures or Videos (Remote mode)

Photo and video data on the iPod can be viewed on the monitor.  
(Only for iPod equipped with slideshow or video functions.)

- 1 Press and hold **[SEARCH]** to set the Remote mode.  
"Remote iPod" is displayed on the AVR-4308 / AVR-3808's display.
- 2 Watching the iPod's screen, use  $\Delta$   $\nabla$  to select "Photos" or "Videos".
- 3 Press **ENTER** until the image you want to view is displayed.



- "TV Out" at the iPod's "Slideshow Settings" or "Video Settings" must be set to "On" in order to display the iPod's photo data or videos on the monitor. For details, see the iPod's operating instructions.
- When unable to operate by the remote control unit, use the iPod unit.

# Other Operations and Functions

## Convenient Functions

### HDMI Control Function

When AVR-4308 / AVR-3808 is connected to a TV and player compatible with HDMI control function, you can perform the following operations.

Settings other than AVR-4308 / AVR-3808 settings must be made on the respective devices. (Check the operating instructions of each device for details.)

- AVR-4308 / AVR-3808 power off can be linked to the TV power off step.  
When you set "Output audio from amp" in the TV audio output setup operation, you can switch the amp power on.
- You can switch audio output devices with a TV operation.  
(When outputting from the TV speakers, output switches from speakers connected to AVR-4308 / AVR-3808.)
- You can adjust AVR-4308 / AVR-3808 volume in the TV volume adjustment operation.
- You can switch AVR-4308 / AVR-3808 functions through linkage to TV input function switching.
- When playing the player, the AVR-4308 / AVR-3808 input function switches to the function of that player.

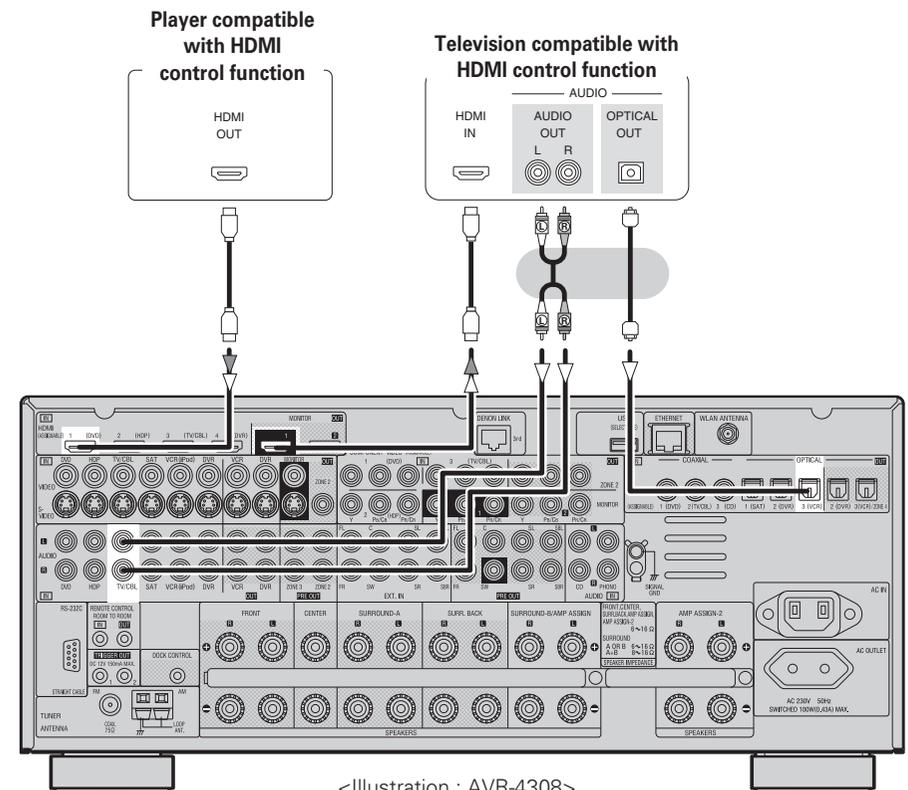


- When you want to listen to TV audio by AVR-4308 / AVR-3808, connect optical digital or analog.  
If the TV you are using has both connection jacks, use the optical digital connection.
- When using these functions set as follows:  
GUI menu "Manual Setup" – "HDMI Setup" – "HDMI Control" – "Control" set to "ON" (☞ page 5).

### NOTE

- When using the HDMI control function, you can not assign HDMI input to "TV/CBL" by setting "Source Select" – "(input source)" – "Assign" – "HDMI" in the GUI menu.
- If you set "Control" to "ON", the "HDMI" and "Digital" assignment in "Source Select" – "Assign" (☞ page 6, 7) under the GUI menu changes.
- When "HDMI Control" is set to "ON", the digital input connector assigned to "TV/CBL" changes to "Optical3".

## Connections



<Illustration : AVR-4308>

**Operations**

**1** Connect the HDMI to the AVR-4308 / AVR-3808 with equipment compatible with the HDMI control function.

**2** Put the power on for all the equipment connected to the HDMI.

**3** Check the settings for all the equipment connected to the HDMI and make HDMI available to them.

- ※ Please consult the operating instructions for the connected equipment to check the settings.
- ※ Steps 1~3 do not have to be repeated once started.
- ※ Carryout steps 2 and 3 should any of the equipment be plugged out.

**4** Switch the television input to the HDMI connected to the AVR-4308 / AVR-3808.

**5** Switch the AVR-4308 / AVR-3808 input to the HDMI input source and check if the picture from the player is ok.

**6** Put the television power on standby and check if the AVR-4308 / AVR-3808 goes into standby.



If the AVR-4308 / AVR-3808 does not work please check the following.

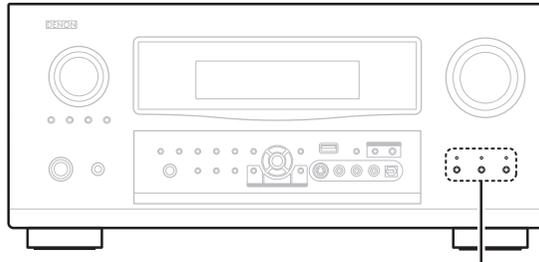
- Is the GUI menu “Manual Setup” – “HDMI Setup” – “HDMI Control” – “Control” (☞ page 5) set to “ON”?
- Is the GUI menu “Manual Setup” – “HDMI Setup” – “HDMI Control” – “Control Monitor” (☞ page 5) set for the monitor output connected to television? (AVR-4308 only)
- Is the GUI menu “Manual Setup” – “HDMI Setup” – “HDMI Control” – “Power Off Control” (☞ page 5) set to “ON”?
- Is the control function used for the television HDMI properly set? (Check the television operating instructions for details.)
- Should any of the operations below be performed, the interlocking function may be reset, in which case, repeat step’s 2 and 3.
  - GUI menu “Source Select” – “(input source)” – “Assign” – “HDMI” (☞ page 6) setting has changed.
  - There is a change to the connection between the equipment and the HDMI, or an increase in equipment.



**Symbols used to indicate buttons in this manual**

- Button located on both the main unit and the remote control unit → **BUTTON**
- Button only on the main unit → **<BUTTON>**
- Button only on the remote control unit → **[BUTTON]**

<Illustration : AVR-4308>



**QUICK SELECT**



**QUICK SELECT**

**Quick Select Function**

With this function, the currently playing input source, input mode, surround mode, room EQ, **Dynamic EQ**, **Dynamic Volume** settings and volume can be stored in the memory.

**1** Set the input source, input mode, surround mode, room EQ, **Dynamic EQ**, **Dynamic Volume** settings and volume to the conditions you want to store.

**2** Press and hold the desired **QUICK SELECT**.  
Keep pressing the button until the quick select indicator lights.

**[Quick Select Defaults]**

	<b>Input Source</b>	<b>Volume</b>
<b>Quick Select 1</b>	DVD	-40 dB
<b>Quick Select 2</b>	TV/CBL	-40 dB
<b>Quick Select 3</b>	VCR	-40 dB

# Other Information

## Audyssey

### Audyssey MultEQ® XT

Audyssey MultEQ XT is a room equalization solution that calibrates any audio system so that it can achieve optimum performance for every listener in a large listening area. Based on several room measurements, MultEQ XT calculates an equalization solution that corrects for both time and frequency response problems in the listening area and also performs a fully automated surround system setup.

### Audyssey Dynamic EQ™

Audyssey Dynamic EQ solves the problem of deteriorating sound quality as volume is decreased by taking into account human perception and room acoustics. Audyssey Dynamic EQ works in tandem with Audyssey MultEQ XT to provide well-balanced sound for every listener at any volume level.

### Audyssey Dynamic Volume™

Audyssey Dynamic Volume solves the problem of large variations in volume level between television programs, commercials, and between the soft and loud passages of movies.

Audyssey Dynamic EQ is integrated into Dynamic Volume so that as the playback volume is adjusted automatically, the perceived bass response, tonal balance, surround impression, and dialog clarity remain the same.



Manufactured under license from Audyssey Laboratories. U.S. and foreign patents pending. Audyssey MultEQ® XT is a registered trademark of Audyssey Laboratories. Audyssey Dynamic EQ™ is a trademark of Audyssey Laboratories. Audyssey Dynamic Volume™ is a trademark of Audyssey Laboratories.

# Troubleshooting

If a problem should arise, first check the following:

1. Are the connections correct?
2. Is the set being operated as described in the owner's manual?
3. Are the other components operating properly?

If this unit does not operate properly, check the items listed in the table below. Should the problem persist, there may be a malfunction.

In this case, disconnect the power immediately and contact your store of purchase.

### [HDMI Control]

Symptom	Cause	Countermeasure	Page
When performing the following operations on a connected device, AVR-4308 / AVR-3808 has the same operations. · Power ON/OFF · Switching audio output devices · Adjust volume · Switch input source	• HDMI Control function is operating.	• Set "Manual Setup" – "HDMI Setup" – "HDMI Control" – "Control" to "OFF".  When you only want to operate the power on/off each device, set "Power Off Control" to "OFF".	5





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