



# Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for DENON AVR-1909. You'll find the answers to all your questions on the DENON AVR-1909 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

**User manual DENON AVR-1909**  
**User guide DENON AVR-1909**  
**Operating instructions DENON AVR-1909**  
**Instructions for use DENON AVR-1909**  
**Instruction manual DENON AVR-1909**

## DENON

AV SURROUND RECEIVER

### AVR-1909

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Owner's Manual  
Bedienungsanleitung  
Manuel de l'Utilisateur  
Manuale delle istruzioni  
Manual del usuario  
Gebruiksaanwijzing  
Bruksanvisning



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**Manual abstract:**

*REFER SERVICING TO QUALIFIED SERVICE PERSONNEL. The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons. The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance. · DECLARATION DE CONFORMITE Nous déclarons sous notre seule responsabilité que l'appareil, auquel se réfère cette déclaration, est conforme aux standards suivants: EN60065, EN55013, EN55020, EN61000-3-2 et EN61000-3-3.*

*D'après les dispositions de la Directive 2006/95/EC et 2004/108/EC. Um dieses Gerät vollständig von der Stromversorgung abzutrennen, ziehen Sie bitte den Stecker aus der Wandsteckdose. Der Netzstecker wird verwendet, um die Stromversorgung zum Gerät völlig zu unterbrechen; er muss für den Benutzer gut und einfach zu erreichen sein. PRECAUTION: · DICHIARAZIONE DI CONFORMITÀ Dichiariamo con piena responsabilità che questo prodotto, al quale la nostra dichiarazione si riferisce, è conforme alle seguenti normative: EN60065, EN55013, EN55020, EN61000-3-2 e EN61000-3-3. @ @ QUESTO*

**PRODOTTO E' CONFORME AL D.M.**

*28/08/95 N. @ @ @ @ @ La spina di rete viene utilizzata per interrompere completamente l'alimentazione all'unità e deve essere facilmente accessibile all'utente. PRECAUCIÓN: · EENVORMIGHEIDSVERKLARING Wij verklaren uitsluitend op onze verantwoordelijkheid dat dit produkt, waarop deze verklaring betrekking heeft, in overeenstemming is met de volgende normen: EN60065, EN55013, EN55020, EN61000-3-2 en EN61000-3-3. Volgens de bepalingen van de Richtlijnen 2006/95/EC en 2004/108/EC. Para desconectar completamente este producto de la alimentación eléctrica, desconecte el enchufe del enchufe de la pared.*

*El enchufe de la alimentación eléctrica se utiliza para interrumpir por completo el suministro de alimentación eléctrica a la unidad y debe de encontrarse en un lugar al que el usuario tenga fácil acceso. WAARSCHUWING: · ÖVERENSSTÄMMELSESINTYG Härmed intygas helt på eget ansvar att denna produkt, vilken detta intyg avser, uppfyller följande standarder: EN60065, EN55013, EN55020, EN61000-3-2 och EN61000-3-3. Enligt stadgarna i direktiv 2006/95/EC och 2004/108/EC. DENON EUROPE Division of D&M Germany GmbH An der Landwehr 19, Nettetal, D-41334 Germany Om de voeding van dit product volledig te onderbreken moet de stekker uit het stopcontact worden getrokken. De netstekker wordt gebruikt om de stroomtoevoer naar het toestel volledig te onderbreken en moet voor de gebruiker gemakkelijk bereikbaar zijn.*

*FÖRSIKTIHETSMÅTT: Koppla loss stickproppen från eluttaget för att helt skilja produkten från nätet. Stickproppen används för att helt bryta strömförsörjningen till apparaten, och den måste vara lättillgänglig för användaren. I SVENSKA NEDERLANDS ESPAÑOL ITALIANO FRANCAIS DEUTSCH ENGLISH n NOTE ON USE / HINWEISE ZUM GEBRAUCH / OBSERVATIONS RELATIVES A L'UTILISATION / NOTE SULL'USO / NOTAS SOBRE EL USO / ALVORENS TE GEBRUIKEN / OBSERVERA ANGÅENDE ANVÄNDNINGEN CAUTION: · · · · · The ventilation should not be impeded by covering the ventilation openings with items, such as newspapers, tablecloths, curtains, etc. No naked flame sources, such as lighted candles, should be placed on the unit. Observe and follow local regulations regarding battery disposal. Do not expose the unit to dripping or splashing fluids. Do not place objects filled with liquids, such as vases, on the unit. · Avoid high temperatures. Allow for sufficient heat dispersion when installed in a rack. · Vermeiden Sie hohe Temperaturen.*

*Beachten Sie, dass eine ausreichende Belüftung gewährleistet wird, wenn das Gerät auf ein Regal gestellt wird. · Éviter des températures élevées. Tenir compte d'une dispersion de chaleur suffisante lors de l'installation sur une étagère. · Evitate di esporre l'unità a temperature elevate. Assicuratevi che vi sia un'adeguata dispersione del calore quando installate l'unità in un mobile per componenti audio. · Evite altas temperaturas. Permite la suficiente dispersión del calor cuando está instalado en la consola. · Vermijd hoge temperaturen. Zorg er bij installatie in een audiorack voor, dat de door het toestel geproduceerde warmte goed kan worden afgevoerd. · Undvik höga temperaturer.*

*Se till att det finns möjlighet till god värmeavledning vid montering i ett rack. · · · · · Keep the unit free from moisture, water, and dust. · Halten Sie das Gerät von Feuchtigkeit, Wasser und Staub fern. · Protéger l'appareil contre l'humidité, l'eau et la poussière. · Tenete l'unità lontana dall'umidità, dall'acqua e dalla polvere.*

*· Mantenga el equipo libre de humedad, agua y polvo. Laat geen vochtigheid, water of stof in het apparaat binnendringen. Utsätt inte apparaten för fukt, vatten och damm. Do not let foreign objects into the unit. Lassen Sie keine fremden Gegenstände in das Gerät kommen. Ne pas laisser des objets étrangers dans l'appareil. Non inserite corpi estranei all'interno dell'unità. No deje objetos extraños dentro del equipo. Laat geen vreemde voorwerpen in dit apparaat vallen. Se till att främmande föremål inte tränger in i apparaten. · Die Belüftung sollte auf keinen Fall durch das Abdecken der Belüftungsöffnungen durch Gegenstände wie beispielsweise Zeitungen, Tischtücher, Vorhänge o. Ä. behindert werden. · Auf dem Gerät sollten keinerlei direkte Feuerquellen wie beispielsweise angezündete Kerzen aufgestellt werden. · Bitte beachten Sie bei der Entsorgung der Batterien die örtlich geltenden Umweltbestimmungen.*

*· Das Gerät sollte keiner tropfenden oder spritzenden Flüssigkeit ausgesetzt werden. · Auf dem Gerät sollten keine mit Flüssigkeit gefüllten Behälter wie beispielsweise Vasen aufgestellt werden. · La ventilation ne doit pas être gênée en recouvrant les ouvertures de la ventilation avec des objets tels que journaux, rideaux, tissus, etc.*



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· Aucune flamme nue, par exemple une bougie, ne doit être placée sur l'appareil. · Veuillez à respecter les lois en vigueur lorsque vous jetez les piles usagées. · L'appareil ne doit pas être exposé à l'eau ou à l'humidité. · Ne pas poser d'objet contenant du liquide, par exemple un vase, sur l'appareil. ACHTUNG: ATTENTION: · Unplug the power cord when not using the unit for long periods of time. · Wenn das Gerät längere Zeit nicht verwendet werden soll, trennen Sie das Netzkabel vom Netzstecker. · Débrancher le cordon d'alimentation lorsque l'appareil n'est pas utilisé pendant de longues périodes. · Scollegate il cavo di alimentazione quando prevedete di non utilizzare l'unità per un lungo periodo di tempo. · Desconecte el cordón de energía cuando no utilice el equipo por mucho tiempo. · Neem altijd het netsnoer uit het stopcontact wanneer het apparaat gedurende een lange periode niet wordt gebruikt. · Koppla loss nätkabeln om apparaten inte kommer att användas i lång tid. · Do not let insecticides, benzene, and thinner come in contact with the unit. · Lassen Sie das Gerät nicht mit Insektiziden, Benzin oder Verdünnungsmitteln in Berührung kommen. · Ne pas mettre en contact des insecticides, du benzène et un diluant avec l'appareil. · Assicuratevi che l'unità non entri in contatto con insetticidi, benzolo o solventi. · No permita el contacto de insecticidas, gasolina y diluyentes con el equipo. · Voorkom dat insecticiden, benzeen of verfdunner met dit toestel in contact komen. · Se till att inte insektsmedel på spraybruk, bensen och thinner kommer i kontakt med apparatens hölje. · Le aperture di ventilazione non devono essere ostruite coprendole con oggetti, quali giornali, tovaglie, tende e così via. · Non posizionate sull'unità fiamme libere, come ad esempio candele accese. · Prestate attenzione agli aspetti legati alla tutela dell'ambiente nello smaltimento delle batterie. · L'apparecchiatura non deve essere esposta a gocciolii o spruzzi. · Non posizionate sull'unità alcun oggetto contenente liquidi, come ad esempio i vasi. · La ventilación no debe quedar obstruida por haberse cubierto las aperturas con objetos como periódicos, manteles, cortinas, etc. · No debe colocarse sobre el aparato ninguna fuente inflamable sin protección, como velas encendidas. · A la hora de deshacerse de las pilas, respete la normativa para el cuidado del medio ambiente. · No exponer el aparato al goteo o salpicaduras cuando se utilice.

· No colocar sobre el aparato objetos llenos de líquido, como jarros. ATTENZIONE: PRECAUCIÓN: · Handle the power cord carefully. Hold the plug when unplugging the cord. · Gehen Sie vorsichtig mit dem Netzkabel um. Halten Sie das Kabel am Stecker, wenn Sie den Stecker herausziehen. · Manipuler le cordon d'alimentation avec précaution. Tenir la prise lors du débranchement du cordon. · Maneggiate il cavo di alimentazione con attenzione. Tenete ferma la spina quando scollegate il cavo dalla presa. · Maneje el cordón de energía con cuidados, mais mises au rebut conformément aux lois en vigueur sur la mise au rebut des piles.

Ce produit et les accessoires inclus, à l'exception des piles, sont des produits conformes à la directive DEEE. NOTA RELATIVA AL RICICLAGGIO: I materiali di imballaggio di questo prodotto sono riutilizzabili e riciclabili. Smaltire i materiali conformemente alle normative locali sul riciclaggio. Per lo smaltimento dell'unità, osservare le normative o le leggi locali in vigore. Non gettare le batterie, né incenerirle, ma smaltirle conformemente alla normativa locale sui rifiuti chimici.

Questo prodotto e gli accessori inclusi nell'imballaggio sono applicabili alla direttiva RAEE, ad eccezione delle batterie. ACERCA DEL RECICLAJE: Los materiales de embalaje de este producto son reciclables y se pueden volver a utilizar. Disponga de estos materiales siguiendo los reglamentos de reciclaje de su localidad. Cuando se deshaga de la unidad, cumpla con las reglas o reglamentos locales. Las pilas nunca deberán tirarse ni incinerarse.

Deberá disponer de ellas siguiendo los reglamentos de su localidad relacionados con los desperdicios químicos. Este producto junto con los accesorios empaquetados es el productdot;

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AUX INPUT connectors .....(14) Remove the cap covering the terminals when you want to use them. Q2 RETURN button ..... (17) Q3 SELECT/ENTER knob ..... (17) · The SELECT/ENTER knob on the main unit operates in the same way as the cursor o and p buttons on the remote control unit. · The control functions in the same way as the cursor o button when turned counterclockwise, as the cursor p button when turned clockwise.

· The control functions in the same way as the ENTER button when pressed the knob. Q0 SETUP MIC jack ..... (20)

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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. 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. Audyssey Dynamic EQ works in tandem with Audyssey MultEQ® to provide well-balanced sound for every listener at any volume level. Display Q5 Q4 Q3 Q2 Q1 Q0 o i u y Getting Started Connections Setup q w e r t Playback q Input signal indicators w Input signal channel indicators These light when digital signals are input. Q1 NIGHT indicator This lights when the night mode is selected. Remote Control Q2 RESTORER indicator This lights when the RESTORER mode is selected. e Information display The input source name, surround mode, setting values and other information are displayed here. Q3 HDMI indicator This lights when playing using HDMI connections. r Output signal channel indicators t Front speaker indicator These light according to the settings of the front A and B speakers. Q4 Decoder indicators These light when the respective decoders are operating. Multi-zone Q5 Tuner reception mode indicators This lights according to the reception conditions when the input source is set to "TUNER". · AUTO This lights when in the auto tuning mode. · STEREO In the FM mode, this lights when receiving analog stereo broadcasts. · TUNED This lights when the broadcast is properly tuned in. · RDS This lights when receiving RDS broadcasts. y ZONE2 output indicator This lights when the power for the ZONE2 is turned on. Information u Master volume indicator i AUDYSSEY MULTEQ indicator This lights when the MultEQ is selected. Troubleshooting E3 RDS button ..... (48, 49) o Input mode indicators Q0 Recording output source indicator This lights when the REC OUT mode is selected.

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SEL) ..... (33) r Tuner system buttons ..... (47) t Test tone button (TEST) ..... (25) y MAIN ZONE power buttons (MAIN) ..... (62) u Surround mode buttons ..... (37, 38) i Amp menu button (A. MENU) ..... (17) o Input mode button (INPUT) ..... (15, 34) Q0 Enter button (ENT) ..... (17, 38) Q1 RETURN button ..... (17) Q2 Cursor buttons (uio p) ..... (17) Connections Setup Playback Remote Control t Q2 Multi-zone Q3 y u i o Q0 Q5 Q6 "AUDIO" Q4 SOURCE CONTROL switch settings and operable buttons n When operating MAIN ZONE "CD", "iPod/NETWORK" or "TUNER" Information Troubleshooting n When operating ZONE2 "ZONE2" "AUDIO" Specifications NOTE NOTE With this setting, only ZONE2 buttons can be operated. See page 62 for operable buttons. · The SAT TU1/2 button cannot be used. · If buttons on the front or rear are pressed strongly, the button on the opposite side will be activated too. ENGLISH Getting Started Connections Setup Playback Remote Control Multi-zone Information Troubleshooting Specifications Connections Connections for all compatible audio and video signal formats are described in this owner's manual. Please select the types of connections suited for the equipment you are connecting. With some types of connections, certain settings must be made on the AVR-1909.

For details, refer to the instructions for the respective connection items below. Preparations Cables Used for Connections Select the cables according to the equipment being connected. NOTE · Do not plug in the power cord until all connections have been completed. · When making connections, also refer to the operating instructions of the other components. · Be sure to connect the left and right channels properly (left with left, right with right). · Do not bundle power cords together with connection cables. Doing so can result in humming or noise. Audio cables Coaxial digital connections (Orange) Coaxial digital (75 ohms pin-plug) cable Optical digital connections Optical cable Analog connections (stereo) (White) (Red) L R L R Video cables Component video connections (Green) (Blue) (Red) Component video cable S-Video connections (Y) (PB/CB) (PR/CR) S-Video cable Video connections (Yellow) 75 ohms pin-plug video cable Stereo pin-plug cable Analog connections (monaural, for subwoofer) (Black) Pin-plug cable Speaker connections Audio and video cables HDMI connections 19-pin HDMI cable Speaker cables Audio signal: Output Input Signal direction Video signal: Output Input Input Output Input Output ENGLISH Video Conversion Function · This function automatically converts various formats of video signals input to the AVR-1909 into the format used to output the video signals from the AVR-1909 to a monitor. · The AVR-1909's video input/output circuitry is compatible with the following four types of video signals: Digital video signals : HDMI Analog video signals : Component video, S-Video and Video GFlow of video signals inside the AVR-1909H High picture quality playback Speaker Connections Speaker Installation The illustration below shows a basic example (7.1-channel) of installation of the amplifier combined with 8 speakers and a monitor.

Subwoofer Center speaker Surround back speakers Getting Started Connections Setup HDMI connector HDMI connector Playback Component video connectors S-Video connector Component video connectors S-Video connector Monitor Remote Control Video connector Video input terminals Video connector Monitor output terminals Front speakers Place the front speakers to the sides of the monitor or screen and as flush with the screen surface as possible. Surround speakers Multi-zone : When 480i/576i signals are input Information · When not using this function, connect a monitor output with the same type of connector as the video input connector. · The resolution of the HDMI input-compatible monitor connected to the AVR-1909 can be checked at menu "Information" "HDMI Information" (vpage 45). The table below shows a typical speaker configuration for the AVR-1909. FRONT A / B L 7.1-channels 6.1-channels 5.1-channels 3.1-channels 2.1-channels 2-channels S S S S S R S S S S S SURROUND L S S S R S S S SURROUND BACK L S R S 1 speaker S Troubleshooting NOTE · HDMI signals cannot be converted into analog signals. · 1080p component video input signals cannot be output to anything other than component video connectors. · 480p/576p, 1080i and 720p component video input signals cannot be converted into S-Video or Video format. · When a non-standard video signal from a game machine or some other source is input, the video conversion function might not operate. CENTER S S S S SUBWOOFER S S S S Specifications About On-screen Displays due to Input Signals The method of on-screen display (OSD) varies with the type of video signal input to AVR-1909.



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Video signal being used HDMI connector / Component video connectors S-Video connector / Video connector Menu display Momentary status display when operating (Display when changing the input source, volume, etc.) Turn display off Turn display on OSD only display Display of OSD superimposed on the input image ENGLISH Speaker Connections Example: 5.1 / 7.1-channels Front speakers A Subwoofer Center speaker Connecting the Speaker Cables Carefully check the left (L) and right (R) channels and + (red) and (black) polarities on the speakers being connected to the AVR-1909, and be sure to interconnect the channels and polarities correctly. Getting Started Connections Setup Playback Remote Control Multi-zone Information Troubleshooting Specifications 1 2 3 4 Peel off about 10 mm of sheathing from the tip of the speaker cable, then either twist the core wire tightly or terminate it. (L) (R) Subwoofer with built-in amplifier q w q Turn the speaker terminal counterclockwise to loosen it.

Insert the speaker cable's core wire to the hilt into the speaker w q w terminal. Turn the speaker terminal clockwise to tighten it. NOTE · Use speakers with an impedance of 6 to 16 ohms. When using front A and B speakers simultaneously, use speakers with an impedance of 12 to 16 ohms. · Connect the speaker cables in such a way that they do not stick out of the speaker terminals. The protection circuit may be activated if the core wires touch the rear panel or if the + and sides touch each other (v "Protection circuit"). · Never touch the speaker terminals while the power supply is connected. Doing so could result in electric shock. Protection circuit b L : Left R : Right (L) (R) (L) (R) w q w q w q w q Surround speakers Surround back speakers Connect when using 7 .1channel.

If the core wires touch the rear panel and the screws etc., or the ± sides touch each other, the protection circuit will be activated and the power indicator will flash red at intervals of 0.5 secs. If the protection circuit is activated, the speaker output is isolated, and the power supply goes to the standby state. If the power supply is turned off, after the power supply cord is withdrawn, please confirm that speaker cable and input cable are connected.

Also, if replaying large sound levels by using a speaker having an impedance less than that specified (eg, 4 ohms), the temperature will rise, and the protection circuit might be activated. The power supply will go into the standby state, and the power indicator will flash red at 2 second intervals. In this case, please switch off the power supply, and wait until the AVR-1909 has cooled down, and the surrounding ventilation is good. Even if there are no problems with the surrounding ventilation and connections, in the event of the protection circuit becoming activated, due to thinking that the AVR-1909 has failed, please contact DENON Service center after switching off. NOTE For surround back speakers : · When using just one surround back speaker, connect it to the left channel (SBL).

For ZONE2 speakers : · When outputting audio from the surround back speakers with ZONE2, set to "ZONE2" with "Manual Setup" "Option Setup" "Amp Assign" from the menu. For multi-zone connection and operation, see "Amp Assign / Multi-zone Connections and Operations" (vpage 60 ~ 62). 0 ENGLISH Connecting Equipment with HDMI connectors With HDMI connections, the video and audio signals can be transferred with a single cable. Blu-ray Disc player / DVD player NOTE · The audio signals output from the HDMI connector (sampling frequency, bit rate, etc.) may be restricted by the connected device. · Video signals are not output properly when using devices that are not HDCP-compatible. · Video signals are not output if the input video signals do not match the monitor's resolution. In this case, switch the Blu-ray Disc player / DVD player's resolution to a resolution with which the monitor is compatible. · If the menu "Manual Setup" "HDMI Setup" "HDMI Audio Out" setting (vpage 26) is set to "AMP", the sound may be interrupted when the monitor's power is turned off. · Use a cable on which the HDMI logo is indicated (a certified HDMI product) for connection to the HDMI connector.

Normal playback may not be possible when using a cable other than one on which the HDMI logo is indicated (a non-HDMI-certified product). · If the monitor or Blu-ray Disc player / DVD player does not support Deep Color, deep color signal transfer is not possible. · If the monitor or Blu-ray Disc player / DVD player does not support xvYCC, xvYCC signal transfer is not possible. · If the monitor does not support "Auto Lipsync Correction" function, this function will not work. · The AVR-1909 is compatible with the HDMI's CEC (Consumer Electronics Control) function. Please note the following. · It may not work depending on the device it is connected to and its setup. · It does not operate with televisions or players that are not compatible with HDMI's CEC. Getting Started Monitor Connections Setup Playback Remote Control Multi-zone · When the AVR-1909 and Blu-ray Disc player / DVD player are connected using an HDMI cable, also connect the AVR-1909 and monitor using an HDMI cable. · If the connected monitor or Blu-ray Disc player / DVD player only has a DVI-D connector, use an HDMI/DVI converter cable.

When using a DVI cable, no audio signals are transmitted. · Use a Deep Color compatible cable for connection to Deep Color compatible devices. Information When connecting with an HDMI/DVI converter cable (adapter) · HDMI video signals are theoretically compatible with the DVI format. When connecting to a monitor, etc., equipped with a DVI-D connector, connection is possible using an HDMI/DVI converter cable, but depending on the combination of components in some cases the video signals will not be output.

· When connecting using an HDMI/DVI converter adapter, the video signals may not be output properly due to poor connections with the connected cable, etc. Troubleshooting b The AVR-1909 is equipped for HDMI version 1.3a. This version is compatible with other versions, allowing connection to all components equipped with an HDMI connector. b The AVR-1909 is compatible with 30- and 36bit Deep Color.

Compatible audio format 2-channel linear PCM Multi-channel linear PCM Details 2ch 32-192 kHz 16/20/24 bits 8ch 32-192 kHz 16/20/24 bits Discs (examples) CD, DVD-Video, DVD-Audio DVD-Audio, Blu-ray DVD-Video Blu-ray Copyright protection system (HDCP) In order to play the digital video and audio signals of a Blu-ray, DVD- Video or DVD-Audio disc using HDMI/ DVI connections, both the connected Blu-ray Disc player / DVD player and monitor must be equipped for a copyright protection system called "HDCP" (High-bandwidth Digital Content Protection).



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