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You can read the recommendations in the user guide, the technical guide or the installation guide for DENON AVR-1508. You'll find the answers to all your questions on the DENON AVR-1508 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-1508
User guide DENON AVR-1508
Operating instructions DENON AVR-1508
Instructions for use DENON AVR-1508
Instruction manual DENON AVR-1508

DENON

AV SURROUND RECEIVER

AVR-1508

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. · ÖVERENSSTÄMMELSEINTYG 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 WAARSCHUWING: 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 sollen, 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 nätkablen 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 cuidado, 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 empacados es el producto**

.....3	Operating Range of the Remote Control Unit	.....3	Part Names and Functions
.....4	Front Panel	.....4	Display
.....4	Rear Panel	.....5	Remote Control Unit
.....6	Connections Preparations	.....7	Cables Used for Connections
.....7	Speaker Connections	.....8	Speaker Installation
.....8	Speaker Connections	.....9	Connecting Equipment with HDMI connectors
.....10	Connecting the Monitor	.....11	Connecting the Playback Components
.....11	DVD Player	.....11	CD Player
.....12	iPod®	.....12	TV/CABLE Tuner
.....13	Connecting the Recording Components	.....13	Video Cassette Recorder
.....13	CD Recorder / MD Recorder / Tape Deck	.....14	Connections to Other Devices
.....14	Video Camera / Game Console	.....14	Component with Multi-channel Output connectors
.....14	Antenna terminals	.....15	Connecting the Power Cord
.....16	Once Connections are Completed	.....16	Operations Menu Map
.....17	Examples of Front Display	.....17	Auto Setup Preparations
.....18, 19	Auto Setup	.....19	a Auto Setup
.....19, 20	s Error Messages	.....20	System Setup
.....21	Example of Display of Default Values	.....21	Speaker Setup
.....21	a ~ h Speaker Configuration	.....21, 22	j Subwoofer Mode Setup
.....22	k ~ A5 Distance	.....22	A6 Crossover Frequency
.....23	A7 Test Tone	.....23	Input Setup
.....24	a, s HDMI In Assign24	d ~ h Digital In Assign
.....24	j iPod Assign24	k Audio Delay
.....24	l EXT.		



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[AVR-1508 user guide](http://yourpdfguides.com/dref/2466436)

<http://yourpdfguides.com/dref/2466436>

IN Subwoofer Level	25 A0 Auto Preset Memory	25 Option
Setup	25 a ~ d Volume Control	25 f Auto Surround Mode
.....	26 g Room EQ Setup	26 h Direct Mode
Setup	26 j Remote ID Setup	26 Surround Modes Standard Playback
.....	27 Surround Playback of 2-channel Sources	27 Playing Multi-channel Sources (Dolby
Digital, DTS, etc.)	27 DSP Simulation Playback	27 Stereo Playback
.....	28 Direct Playback	28 Parameter Surround Parameter
.....	28 Tone Control	30 Room EQ
.....	30 RESTORER	30 Night Mode
.....	31 Information a Status	31 s Audio Input Signal
.....	31 Playback Preparations	32 Turning the Power On
.....	32 Selecting the input source	32 Setting the Input Mode
.....	32 Operations During Playback	32, 33 Playing Video and Audio
Equipment	33 Basic Operation	33 Listening to FM/AM Broadcasts
.....	33 Basic Operation	33 Presetting Radio Stations (Preset Memory)
.....	34 Listening to Preset Stations	34 RDS (Radio Data System)
RDS Search	35 PTY Search	35 TP Search
.....	36 RT (Radio Text)	36 iPod® Playback
.....	37 Basic Operation	37 Listening to Music in the Browse mode
.....	37 Viewing Still Pictures or Videos on the iPod	38 ENGLISH Other Operations and Functions Other Operations
.....	38 Recording on an External Device (REC OUT mode)	38, 39 Convenient Functions
.....	39 Channel Level	39 Quick Select Function
.....	39 Personal Memory Plus Function	39 Last Function Memory
.....	39 Backup Memory	39 Resetting the Microprocessor
.....	39 Remote Control Unit Operations Operating DENON Audio Components	40 Presetting
.....	40 Operating Preset components	40 ~ 42 Punch Through Function
.....	43 Other Information	44 ~ 49 Troubleshooting
.....	50, 51 Specifications	52 List of preset codes
.....	End of this manual Cautions on Handling Getting Started Connections Setup Playback Remote Control Information	
.....	Troubleshooting Getting Started Thank you for purchasing this DENON product.	



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· **AUTO** This lights when in the auto tuning mode. · **RDS** This lights when receiving RDS broadcasts. · **STEREO** In the FM mode, this lights when receiving analog stereo broadcasts. · **TUNED** This lights when the broadcast is properly tuned in.

q Power operation button (ON/STANDBY) (32) Q2 SELECT/ENTER knob (21, 27) Lights when the preset channel is displayed at · 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. w Power indicator (32) e Power switch (hON jOFF) (32) r Headphones jack (PHONES) (33) t SPEAKER buttons (33, 39) y SURROUND BACK button (27, 29) u QUICK SELECT buttons (39) i V. AUX INPUT connectors Remove the cap covering the terminals when you want to use them. w. w Information display e Input signal indicators r Master volume indicator This displays the volume level.

The Setup item number is displayed in System Setup. · 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. t REC SELECT indicators Lights while selecting the REC SELECT mode. (Off when the "SOURCE" is selected.) o SETUP MIC jack (18) Q0 SYSTEM SETUP button (21) Q1 SURR. MODE/SURR. PARA button (28) Q3 Cursor buttons (ui) (21) Q4 MASTER VOLUME control knob (32) Q5 Master volume indicator Q6 AUDYSSEY indicator (30) Q7 SURROUND BACK indicator (27) Q8 Input mode indicators (INPUT) (32) ENGLISH Rear Panel Q2 Q1 Q0 o i u y Getting Started Connections Setup Playback Remote Control Information Troubleshooting q q Digital audio connectors w e u Speaker terminals (SPEAKERS) (9) i FM/AM antenna terminals (TUNER ANTENNA) (15) r t (OPTICAL / COAXIAL) (10 ~ 12) w Analog audio connectors (AUDIO) (10) e EXT. IN connectors (14) r PRE OUT connector (9) t AC OUTLET (16) y Power cord (16) o COMPONENT VIDEO connectors (11) Q0 HDMI connectors (10) Q1 VIDEO / S-VIDEO connectors (11) Q2 DOCK CONTROL jack (12) ENGLISH Remote Control Unit [Front] Q1 q w e r t q Indicator (40) w Power buttons (32) e Tuner system buttons (34, 37) r QUICK SELECT buttons (39) t Source select buttons (32) y System buttons (37, 41) u Video select button (V.



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*SELECT) (33) i Cursor buttons (uio p) (21) o DIMMER button (33) Q0 Mode selector switches
 (33) Q1 Remote control signal transmitter Q2 MASTER VOLUME control buttons (32) Q3 MUTING button
 (33) Q4 NIGHT button (31) Q5 STATUS button (31) Q6 Channel select
 (CH SEL) / ENTER button (21, 39) Getting Started Connections Setup Playback Remote Control Information Troubleshooting [Rear
] q Power buttons (40) w Source select buttons (32) e Tuner system buttons (33, 34) r Test
 tone button (TEST) (23) t Surround mode buttons (27, 28) y System Setup button (SYSTEM) (21) u Surround
 parameter button (PARA) (28) i Enter button (ENT) (21) o Input mode button (INPUT) (32) Q0 Cursor buttons
 (uio p) (21) q w y t y u i o r Q0 Q2 e Q3 u i y o Q0 Q5 Q6 Q4 NOTE If buttons on the front or rear are pressed strongly, the button on the
 opposite side will be activated too.*

*ENGLISH Preparations Getting Started Connections Connections for all compatible audio and video signal formats are described in these operating
 instructions. 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-1508. For details, refer to the instructions for the respective connection items below. Cables Used for Connections Select the cables according to
 the equipment being connected. Connections 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) Setup 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.*

*Playback Remote Control Information 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 Troubleshooting 19-pin HDMI cable
 Speaker cables Audio signal: Output Input Signal direction Video signal: Output Input Input Output Input Output ENGLISH Speaker Connections Speaker
 Installation The illustration below shows a basic example of installation of the amplifier combined with 8 speakers and a monitor.*



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When connecting this unit with equipment that is equipped with S-Video connectors, keep the above point in mind and make connections according to the equipment's instruction manuals. · The signals input to the color difference (component) video connectors are not output from the VIDEO output connector (yellow) or the S-Video output connector. · Connect an HDP (High-Definition Player) in the same way. · When using an optical cable for the digital audio connection, make the settings at "System Setup" "Input Setup" "Digital In Assign" (vpage 24). · AVR-1508's S-Video connectors (input and output) and video connectors (input and output) have independent circuit structures, so that video signals input from the S-Video connectors are only output from the S-Video connector outputs and video signals input from the pin connectors are only output from the pin connector outputs.

When connecting this unit with equipment that is equipped with S-Video connectors, keep the above point in mind and make connections according to the equipment's instruction manuals. · The signals input to the color difference (component) video connectors are not output from the VIDEO output connector (yellow) or the S-Video output connector. ENGLISH CD Player Connect the cables to be used. CD player iPod® Use a DENON Control Dock for iPod (ASD-IR, sold separately) to connect the iPod to the AVR-1508. For instructions on the Control Dock for iPod settings, refer to the Control Dock for iPod's operating instructions. iPod Getting Started Connections Setup Playback Remote Control Information Troubleshooting L R L R L R L R When using an coaxial cable for the digital audio connection, make the settings at "System Setup" "Input Setup" "Digital In Assign" (vpage 24). · With the default settings, the iPod can be used connected to the VCR (iPod) connector. · To assign the iPod to a connector other than VCR (iPod), make the settings at "System Setup" "Input Setup" "iPod Assign" (vpage 24). ENGLISH TV/CABLE Tuner Connect the cables to be used. TV tuner Connecting the Recording Components Carefully check the left (L) and right (R) channels and the inputs and outputs, and be sure to interconnect correctly.

Getting Started Video Cassette Recorder Connect the cables to be used. Video cassette recorder L R Connections Setup Playback L R L R L R Remote Control Information or L R L R Troubleshooting · When using an optical cable for the digital audio connection, make the settings at "System Setup" "Input Setup" "Digital In Assign" (vpage 24). · AVR-1508's S-Video connectors (input and output) and video connectors (input and output) have independent circuit structures, so that video signals input from the S-Video connectors are only output from the S-Video connector outputs and video signals input from the pin connectors are only output from the pin connector outputs. When connecting this unit with equipment that is equipped with S-Video connectors, keep the above point in mind and make connections according to the equipment's instruction manuals. · The signals input to the color difference (component) video connectors are not output from the VIDEO output connector (yellow) or the S-Video output connector. · When recording via the AVR-1508, the playback device's cable must be of the same type as the cable used to connect the AVR-1508's VCR OUT connector. Example: TV IN S-Video cable : VCR OUT S-Video cable TV IN Video cable : VCR OUT Video cable · AVR-1508's S-Video connectors (input and output) and video connectors (input and output) have independent circuit structures, so that video signals input from the S-Video connectors are only output from the S-Video connector outputs and video signals input from the pin connectors are only output from the pin connector outputs. When connecting this unit with equipment that is equipped with S-Video connectors, keep the above point in mind and make connections according to the equipment's instruction manuals. · The signals input to the color difference (component) video connectors are not output from the VIDEO output connector (yellow) or the S-Video output connector. ENGLISH CD Recorder / MD Recorder / Tape Deck Connect the cables to be used.

CD recorder / MD recorder / Tape deck Connections to Other Devices Carefully check the left (L) and right (R) channels and the inputs and outputs, and be sure to interconnect correctly. Component with Multi-channel Output connectors Connect the cables to be used. DVD player / Super Audio CD player / External decoder Getting Started Connections Setup Playback Remote Control Information Troubleshooting Video Camera / Game Console Connect the cables to be used. Video camera / Game console L R L R L R L R L R L R L R L R L R L R L R · To play the analog input signals input to the EXT. IN connectors, press the EXT.

IN button on the main unit or the INPUT button on the remote control unit and select "EXT. IN" (vpage 32). · The video signal can be connected in the same way as a DVD player (vpage 11). · To play copyright-protected discs, connect the AVR-1508's EXT. IN connector with the DVD player's analog multi-channel output connector.

ENGLISH Antenna terminals An FM antenna cable plug can be connected directly. Direction of broadcasting station FM antenna Getting Started Connections AM loop antenna (supplied) 75 ohms Coaxial cable FM indoor antenna (supplied) Setup Playback Remote Control Information Troubleshooting AM outdoor antenna Ground AM loop antenna assembly Connect to the AM antenna terminals. Connection of AM antennas 1. Push the lever. 2. Insert the conductor. 3. Return the lever. Remove the vinyl tie and take out the connection line. a.

With the antenna on top of any stable surface. Bend in the reverse direction. b. With the antenna attached to a wall. NOTE · Do not connect two FM antennas simultaneously. · Even if an external AM antenna is used, do not disconnect the AM loop antenna. · Make sure the AM loop antenna lead terminals do not touch metal parts of the panel. Mount Installation hole Mount on wall, etc. ENGLISH Connecting the Power Cord Wait until all connections have been completed before connecting the power cord. Getting Started Connections Setup Playback Remote Control Information Troubleshooting Power cord To household power outlet (AC 230 V, 50 Hz) Connection to the AC outlet · This outlet supply power to external audio devices. · The power supplied from this outlet turns on and off together with the set's power switch.



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· Audio equipment with a total power consumption of 100 W (0.43 A) can be connected. NOTE · Insert the AC plugs securely. Incomplete connections could cause noise.

· Only use the AC outlet to plug in audio devices. Do not use them as power supplies for hairdryers or anything other than audio equipment. Once Connections are Completed Turning the Power On (vpage 32) ENGLISH Examples of Front Display Getting Started Operations Menu Map Some typical examples are described below. Item number Currently selected line W Connections Menu number Current setting Auto Setup (vpage 18 ~ 20) 1 HDMI1 DVD b When the setup microphone is connected. n Auto Setup · Step 1: Speaker Detection · Step 2: Measurement · Step 3: Calculation · Step 4: Check · Step 5: Store Setup Playback Q 17 T.

Tone Yes< Press the o button to select. Remote Control Information Currently selected line System Setup (vpage 21 ~ 26) n Speaker Setup (vpage 21 ~ 23) · Speaker Configuration · Subwoofer Mode Setup · Distance · Crossover Frequency · Test Tone n Input Setup (vpage 24, 25) · HDMI In Assign · Digital In Assign · iPod Assign · Audio Delay · EXT. IN Subwoofer Level · Auto Preset Memory n Option Setup (vpage 25, 26) · Volume Control · Volume Limit · Power On Level · Mute Level · Auto Surround Mode · Room EQ Setup · Direct Mode Setup · Remote ID Setup Troubleshooting Parameter (vpage 28 ~ 31) n Surround Parameter · MODE · CINEMA EQ · D.COMP · LFE · CENTER IMAGE · PANORAMA · DIMENSION · CENTER WIDTH · · · · · DELAY TIME EFFECT LEVEL ROOM SIZE SB CH OUT SUBWOOFER ATT. Subwoofer Default · Tone Control · Tone Defeat · Bass · Treble · Room EQ · RESTORER · Night Mode Information (vpage 31) n Status n Audio Input Signal ENGLISH · Audyssey MultEQ® automatically measures the acoustical problems in the listening environment to create the best audio experience for your home theater. · Audyssey MultEQ® optimizes a large listening area where one or more listeners are seated. Measurements are performed by placing the calibrated microphone (DM-A405) successively at multiple positions throughout the listening area as shown in Example q. For best results, it is strongly recommended to measure 6 positions so that the measurements have the proper spatial weighting. Even if the listening environment is small as shown in Example w, measuring at multiple points throughout the listening environment results in more effective correction. Example q Example w Auto Setup <SPEAKER> MASTER VOLUME ui 1 2 Preparations Press <SPEAKER> to select the front speakers Front Getting Started Connections Setup Playback Remote Control Information Troubleshooting A, Front B or Front A+B.

<SETUP MIC>. Connect the included calibrated setup microphone to "Auto Set Start" is displayed. Sound receptor <SETUP MIC> [Front] ENTER, o (:Measuring positions) 3 *M Place the microphone at ear height on a tripod or stand with the microphone pointing directly up towards the ceiling. *M MASTER VOLUME About the main listening position (*M) Setup microphone uio ENTER The main listening position refers to the most central position where one would normally sit within the listening environment. MultEQ uses the measurements from this position to calculate speaker distance, level, polarity, and the optimum crossover value for the subwoofer. [Rear] b It is not recommended to hold it in your hand. Be sure that the path from microphone to the speakers is not blocked by objects. Avoid placing the microphone close to a seat back or wall as sound reflections may give inaccurate results. uio ENTER To make manual adjustments to the settings, see pages 21 ~ 23. About the button names in these explanations < > : Buttons on the main unit [] : Buttons on the remote control unit Button name only: Buttons on the main unit and remote control unit ENGLISH Start When using a subwoofer, make the following settings before starting the auto setup procedure: · Defeat the volume and crossover controls if possible · If this is not possible then set: · Volume: "12 o'clock" position · Crossover frequency: "Maximum/Highest Frequency" · Low pass filter: "Off" · Standby mode: "Off" Press o to start the MultEQ Auto Setup.

The Audyssey MultEQ Auto Setup process automatically calculates the size, level, distance, bass management crossover frequency, and optimal settings for each speaker and subwoofer. Audyssey MultEQ corrects acoustical distortions within the listening area. Before starting, connect and position all your speakers. Once started, MultEQ will play a series of test tones through each speaker. NOTE · Loud test sounds may be played during Audyssey MultEQ Automatic Speaker Setup.

This is part of normal operation. If there is background noise in room, these test signals will increase in volume. · Do not stand between the speakers and setup microphone or allow obstacles in the path while the measurements are being made. This will cause inaccurate readings. · Quiet the listening environment before beginning measurements and refrain from talking.

Turn off air conditioning units or other devices that emit noise if at all possible as measurements may be affected by these sounds. · Operating MASTER VOLUME during the measurements will cancel the measurements. · Do not change the speaker connections or subwoofer volume after "Step 1" . Getting Started Connections NOTE · Do not disconnect the setup microphone until the auto setup procedure is completed. · When using headphones, unplug the headphones before starting the auto setup procedure. If an error message appears during the measurements, check "Error Messages" take the advised action, then start the measurements , again (vpage 20). Setup Playback Step 1 : Speaker Detection Auto Setup Optimize settings for speakers in use. a Auto Setup The settings found at this stage are applied automatically. The speaker connection and polarity are detected at the first measurement position. The following attributes are also determined at this time: "Speaker Size" "Speaker Distance" "Channel Level" , , , "Crossover Frequency" .

Once the measurements are completed, "Sp Detect Check" is displayed. Press ENTER to check the results of the speaker detection. Example : 7 .1-channel systems Step 2 : Measurement q Press i to select "2nd Start" then press o.



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