

Chapter 1 : Denon AVR - Manual - AV Surround Receiver - HiFi Engine

AV SURROUND RECEIVER AVRCI Owner's Manual Manuel de l'Utilisateur b The illustrations used for explaining operations in this manual show the buttons of the main remote control unit. The same operations can be performed using the buttons with the same names on the main unit panel.

Technology - AVR 7 channel equal power output 7 channel equal power is a feature used in Denon Amplifiers with the means of connecting 7 speakers independantly which do not require separate power amps connected via the pre-outs. The amplifier has built in separate internal amplifiers to power each channel independently, this system ensures that the 6 major channels Front Left, Front Right, Center, Surround Left, Surround right, Surround Back left and Surround Back right. Thus allowing you to enjoy the same high power output, giving a balanced and truly high-impact surround-sound environment. During the Auto Set-Up mode, MultEQ XT automatically determines how many loudspeakers are connected, whether they are connected in phase and whether they are satellites or subwoofers. When it has processed this it then analyzes and calibrates speaker level, size, and distance. In addition, MultEQ XT detects the proper crossover point and determines correct frequency response for up to eight listener positions simultaneously. For more information go to; [http:](http://) If this sound is reproduced in the home theater without correction, the high-frequency range is too strong. Denon amplifiers feature a Cinema Equalizer to correct these high-frequency components so that the sound is clearer and easier to listen to. This channel, called Surround Back, places sounds behind the listener in addition to the currently available front left, front center, front right, surround right, surround left and subwoofer channels. The additional channel provides the opportunity for more detailed imaging behind the listener and brings more depth, spacious ambience and sound localization then ever before. Dolby Digital EX is not available in the system without surround back speaker s. Dolby Digital consists of up to "5. The signals within each channel are distinct from the others, allowing pinpoint sound imaging and Dolby Digital offers tremendous dynamic range from the most powerful sound effects to the quietest, softest sounds, free from noise and distortion. Dolby Pro Logic II uses matrix-decoding technology that has been dramatically improved over Pro Logic. With Pro Logic II, for instance, the Surround channels are in stereo instead of just mono with Pro Logic, and playback covers the full frequency range instead of just up to 7kHz with Pro Logic. These improvements let you enjoy a wide variety of 2-channel sources with the exciting effects of 5. The music mode creates a rich and enveloping surround ambience delivered to the subwoofer, optimizing the visceral of planned rear effects. This mode can only be used with 2-channel audio sources. The Cinema mode is optimized for movies or programs with Dolby Surround soundtracks. This mode is also appropriate for use with video game. The game mode was implemented to ensure that the bass impact from pure surround effects are fully delivered to the subwoofer, optimizing the visceral of panned rear effects. This highly sophisticated algorithm processes native stereo and 5. It requires specific Dolby HD decoders. Since the resulting signal is bit-to-bit to the master you can achieve the ultimate in audio quality. This differs from Dolby Digital in that the data rate is a somewhat higher 1. While offering high compatibility with the conventional DTS Digital Surround format, DTS-ES greatly improves the degree surround impression and space expression thanks to further expanded surround signals. This format has been used professionally in movie theaters since In addition to the 5. With it, all 6. The main feature of this format is that because the SL, SR and SB channels are fully independent, the sound can be designed with total freedom and it is possible to achieve a sense that the acoustic images are moving about freely among the background sounds surrounding the listener from degrees. Though maximum performance is achieved when sound tracks recorded with this system are played using a DTS-ES decoder, when played with a conventional DTS decoder the SB channel signals are automatically down-mixed to the SL and SR channels, so none of the signal components are lost. HDMI supports uncompressed high definition video plus multi-channel audio in a single cable using a smaller connector that eliminates the need for multiple cables in home entertainment systems, simplifying installation and eliminating cross technology confusion. It transmits uncompressed digital video so that the picture maintains a high quality of color depth, brightness and contrast. The developers aimed at making radio receivers very user-friendly. Listeners should be able to see

the programme service name PS on an eight character alpha-numerical display and the transmitter frequency information, as displayed on non-RDS radios, is then only used in the background by an RDS radio. The tuner is able to choose the transmitter frequency, among a number of alternatives, that gives the best quality reception. Once a radio is tuned to a programme service broadcast within a network, using the RDS feature Enhanced Other Networks EON , additional data about other programmes from the same broadcaster will be received. This enables the listener, according to their choice, to have the radio operating in an automatic switch-mode for travel information or a preferred Programme Type PTY, e. Radio Text RDS tuners with Radiotext can receive short messages which might include information about the presenter, station or programme you are listening to. The information will scroll across the display on a home tuner.

Doppelgleichrichter in Parallelschaltung In order to recoup the full potential of the upstream transformer, the rectifier comes to the crucial role. Ideally, the downstream capacitors are recharged very quickly. This is particularly low speaker loads 4 ohms presuppose an important one for tight, accurate bass response. DENON is therefore a two bridge rectifiers in parallel, reducing the internal resistance of the entire power supply considerably and can be supplied in any situation much power in the shortest possible time. EI-Transformer Virtual-Surround This feature allows a sensational surround 3D soundfield to be created using just one pair of speakers. The Denon amplifiers Virtual Surround mode provides a dramatic psychoacoustic surround sound effect, using two speakers with Dolby Digital 5. The differences between the formats is as follows: DTS-HD High Resolution Audio This format works like DTS however it uses a more effective compression algorithm, offering greater compression, the result is an audio signal almost bit for bit to the master while requiring a smaller amount of data. The resulting audio signal is bit-for-bit to the master giving you the optimum in audio quality. Sign up for the latest information from Denon: Just sign up to our newsletter now.

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Page 1. Ver. 3 Please refer to the MODIFICATION NOTICE. SERVICE MANUAL MODEL E1C E1K EUT AVRCI AVR AVR AV SURROUND RECEIVER MODEL E1C E1K EUT AVC AV SURROUND AMPLIFIER For purposes of improvement, specifications and design are subject to change without notice.

The resource to the URL or file is currently unavailable. The amplifier has built in separate internal amplifiers to power each channel independently, this system ensures that the 6 major channels Front Left, Front Right, Center, Surround Left, Surround right, Surround Back left and Surround Back right. Thus allowing you to enjoy the same high power output, giving a balanced and truly high-impact surround-sound environment. During the Auto Set-Up mode, MultEQ XT automatically determines how many loudspeakers are connected, whether they are connected in phase and whether they are satellites or subwoofers. When it has processed this it then analyzes and calibrates speaker level, size, and distance. In addition, MultEQ XT detects the proper crossover point and determines correct frequency response for up to eight listener positions simultaneously. For more information go to; [http:](http://) If this sound is reproduced in the home theater without correction, the high-frequency range is too strong. Denon amplifiers feature a Cinema Equalizer to correct these high-frequency components so that the sound is clearer and easier to listen to. Dolby Digital EX In a movie theater, film soundtracks that have been encoded with Dolby Digital surround EX technology are able to reproduce an extra channel which has been added during the mixing of the program. This channel, called Surround Back, places sounds behind the listener in addition to the currently available front left, front center, front right, surround right, surround left and subwoofer channels. The additional channel provides the opportunity for more detailed imaging behind the listener and brings more depth, spacious ambience and sound localization than ever before. Dolby Digital EX is not available in the system without surround back speaker s. Dolby Digital consists of up to "5. The signals within each channel are distinct from the others, allowing pinpoint sound imaging and Dolby Digital offers tremendous dynamic range from the most powerful sound effects to the quietest, softest sounds, free from noise and distortion. Dolby Pro Logic II uses matrix-decoding technology that has been dramatically improved over Pro Logic. With Pro Logic II, for instance, the Surround channels are in stereo instead of just mono with Pro Logic, and playback covers the full frequency range instead of just up to 7kHz with Pro Logic. These improvements let you enjoy a wide variety of 2-channel sources with the exciting effects of 5. The music mode creates a rich and enveloping surround ambience delivered to the subwoofer, optimizing the visceral of planned rear effects. This mode can only be used with 2-channel audio sources. The Cinema mode is optimized for movies or programs with Dolby Surround soundtracks. This mode is also appropriate for use with video game. The game mode was implemented to ensure that the bass impact from pure surround effects are fully delivered to the subwoofer, optimizing the visceral of panned rear effects. This highly sophisticated algorithm processes native stereo and 5. It requires specific Dolby HD decoders. Since the resulting signal is bit-to-bit to the master you can achieve the ultimate in audio quality. This differs from Dolby Digital in that the data rate is a somewhat higher 1. While offering high compatibility with the conventional DTS Digital Surround format, DTS-ES greatly improves the degree surround impression and space expression thanks to further expanded surround signals. This format has been used professionally in movie theaters since In addition to the 5. With it, all 6. The main feature of this format is that because the SL, SR and SB channels are fully independent, the sound can be designed with total freedom and it is possible to achieve a sense that the acoustic images are moving about freely among the background sounds surrounding the listener from degrees. Though maximum performance is achieved when sound tracks recorded with this system are played using a DTS-ES decoder, when played with a conventional DTS decoder the SB channel signals are automatically down-mixed to the SL and SR channels, so none of the signal components are lost. The differences between the formats is as follows: DTS-HD High Resolution Audio This format works like DTS however it uses a more effective compression algorithm, offering greater compression, the result is an audio signal almost bit for bit to the master while requiring a smaller amount of data. The resulting audio signal is bit-for-bit to the master giving you the optimum in audio

quality. HDCD overcomes the limitation of the bit CD format by using a sophisticated system to encode the additional 4 bits onto the CD while remaining completely compatible with the existing CD format. HDCD provides more dynamic range, a more focused 3-D soundstage, and extremely natural vocal and musical timbre. With HDCD, you get the body, depth, and emotion of the original performance not a flat, digital imitation. HDMI supports uncompressed high definition video plus multi-channel audio in a single cable using a smaller connector that eliminates the need for multiple cables in home entertainment systems, simplifying installation and eliminating cross technology confusion. It transmits uncompressed digital video so that the picture maintains a high quality of color depth, brightness and contrast. Virtual-Surround This feature allows a sensational surround 3D soundfield to be created using just one pair of speakers. The Denon amplifiers Virtual Surround mode provides a dramatic psychoacoustic surround sound effect, using two speakers with Dolby Digital 5. Sign up for the latest information from Denon: Just sign up to our newsletter now.

Chapter 3 : DENON AVRCI OWNER'S MANUAL Pdf Download.

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Table of Contents Page: 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. The top surface over the internal heat sink may become hot when operating this product continuously. Do not use this apparatus near water. Clean only with dry cloth. Do not block any ventilation openings. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus including amplifiers that produce heat. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. Unplug this apparatus during lightning storms or when unused for long periods of time. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped. Batteries shall not be exposed to excessive heat such as sunshine, fire or the like. To completely disconnect this product from the mains, disconnect the plug from the wall socket outlet. The mains plug is used to completely interrupt the power supply to the unit and must be within easy access by the user. Allow for sufficient heat dispersion when installed in a rack. Hold the plug when unplugging the cord. Operation is subject to the following two conditions: These limits are designed to provide reasonable protection against harmful interference in a residential installation. This product generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this product does cause harmful interference to radio or television reception, which can be determined by turning the product OFF and ON, the user is encouraged to try to correct the interference by one or more of the following measures: After reading them, be sure to keep them for future reference. NOTE The set may function improperly or the remote control unit may not operate if the remote control sensor is exposed to direct sunlight, strong artificial light from an inverter type fluorescent lamp or infrared light. When traveling or leaving home for long periods of time, be sure to unplug the power cord from the power outlet. If this happens, let the unit sit for an hour or two with the power turned off and wait until there is little difference in temperature before using the unit. If so, move the mobile phone away from this unit when it is in use. Next, disconnect the connection cables to other system units before moving the unit. For proper heat dispersal, do not install this unit in a confined space, such as a bookcase or similar enclosure. Q6 Decoder indicators The indicator for the currently operating decoder lights. Please select the types of connections suited for the equipment you are connecting. After connections are completed, certain settings must be made on the receiver. Select the cables according to the equipment being connected. Doing so can result in humming or noise. Use the terminals according to the devices to be connected. When a non-standard video signal from a game machine or some other source is input, the video conversion function might not operate. Below we introduce examples of speaker layouts. Refer to these to arrange your speakers according to their type and how you want to use them. 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. 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 AVRCI 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 AVRCI has failed, please contact DENON Service center after switching off. Amp assign mode vpage 28 SURR. Color signal transfer or the Auto Lip Sync function. This interface allows transfer of digital video signals and digital audio signals over a single HDMI cable. Color Enables displays with natural, vivid colors. HDMI control function vpage 31, 54 This function allows you to operate external devices from the receiver and operate the receiver from external devices. Doing so could result in electric shock. About bi-amp connections These connections make for higher quality playback sound with no interference between the signals of the bass and treble units. The illustration shows a connection example for the front B Bi-Amp speakers. HDCP is a copyright protection technology for digital video signals. Also make the audio connections. For details, see the respective reference pages. Input terminal assignment vpage 37 Set this when changing the input sources of the different terminals. Set this to change the input signal to which the input source is assigned. When you connect to a record player with an MC cartridge, use a commercially available MC head amp or a step-up transformer. Connect it to reduce noise when noise is excessive. Note that depending on the record player, connecting the ground line may have the reverse effect of increasing noise. In this case, it is not necessary to connect the ground line. When making connections, also refer to the operating instructions of the SiriusConnect Home Tuner. Service not available in Alaska and Hawaii. Use the following map to determine which area you are in and position the antenna accordingly. The antenna cannot be used indoors. Perform the operation below beforehand. For details, refer to the operating instructions of the respective devices. Extension jack for future use. Connect devices corresponding with room to room function to this jack. Incomplete connections could cause noise. Do not use them as power supplies for hairdryers or anything other than audio equipment. Wait until all connections have been completed before connecting the power cord. Connecting the Power Cord Page: The power indicator lights red and the power is set to the standby mode. The power indicator flashes green and the power turns on. When has been pressed, the input source set with the is set. When leaving home for long periods of time or when traveling, either press to turn off the power, or unplug the power cord from the power outlet. Turning the Power Off 1 Press. The power is set to the standby mode. The power indicator turns off, and so does the power. This operation can also be performed by pressing a on the main unit. Front Front Selecting the Input Source There are three ways to select the input source, as described below. The name of the highlighted input source is displayed. The currently selected input source is highlighted. The input source is set and the source selection menu is turned off. Input sources that are not going to be used can be set ahead of time. To turn off the source selection menu without selecting an input source, press again. The desired input source can be selected directly.

Chapter 4 : Denon AVR manual

For optimum video quality, the AVRCI features state-of-the-art video processing via Anchor Bay VRS ABT, which provides analog to digital video upconversion as well as HDMI to HDMI upconversion, outputting at up to full p HD (24p/60p).

The same operations can be performed using the buttons with the same names on the main unit panel. Sie können das Gerät mit der gleichnamigen Taste an der Frontkonsole des Gerätes bedienen. English Use this manual in combination with the operating guide displayed on the GUI screen. Puede operar la unidad utilizando el botón del mismo nombre en el panel delantero de la unidad. U kunt het toestel bedienen door de toets met dezelfde naam op het voorpaneel van het toestel te gebruiken. Du kan också använda knapparna med samma namn på frontpanelen på enheten. Mappa menu vpagina 20 Esempi di schermate GUI vpagina 21 Operazioni con telecomando vpagina 55 Español Utilice este manual conjuntamente con la guía de uso que aparece en la pantalla GUI. Estructura de los menús vpagina 20 Ejemplos de indicaciones que aparecen en la pantalla GUI vpagina 21 Operaciones con el mando a distancia vpagina 55 Nederlands Gebruik deze gebruiksaanwijzing samen met de aanwijzingen die op het GUI-scherm worden getoond. Overzicht van het menu vblz. 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. Do not use this apparatus near water. Clean only with dry cloth. Do not block any ventilation openings. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus including amplifiers that produce heat. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. Unplug this apparatus during lightning storms or when unused for long periods of time. To completely disconnect this product from the mains, disconnect the plug from the wall socket outlet. The mains plug is used to completely interrupt the power supply to the unit and must be within easy access by the user. 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. Pour déconnecter complètement ce produit du courant secteur, débranchez la prise de la prise murale. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped. Batteries shall not be exposed to excessive heat such as sunshine, fire or the like. Per scollegare completamente questo prodotto dalla rete di alimentazione elettrica, scollegare la spina dalla relativa presa a muro. 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 encontrarse en un lugar al que el usuario tenga fácil acceso. 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. 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. Allow for sufficient heat dispersion when installed in a rack. Permite la suficiente dispersión del calor cuando está instalado en la consola. Verdnungsmitteln in Berührung kommen. Hold the plug when unplugging the cord. Tenir la prise lors du débranchement du cordon. Tenete ferma la spina quando scollegate il cavo dalla presa. Håll i kablarna när du kopplar från eluttaget.

Chapter 5 : Denon AVR CI user manual - blog.quintoapp.com - Solve your problem

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The same operations can be performed using the buttons with the same names on the main unit panel. Use the memorized setting from the last session. Always use the muting on condition when power is turned on. The volume is adjusted to the set level. The sound is attenuated by 40 dB. The sound is attenuated by 20 dB. Remote control operation buttons Displaying the menu: Set the video signal format to be output for the TV you are Make the settings related to using. Press , or to complete the setting. Volume Control Volume Display: Set the volume display method. Select the sources you do not want to use. Do not use this source. NOTE When a format other than the video format of the connected TV is set, the picture will not be displayed properly. The mode name is displayed when the operation for switching the surround mode, input mode, etc. This sets the time the GUI menu is displayed when a tuneroperation is performed. This sets the time the GUI menu is displayed when an iPodoperation is performed. The menu screen and status indicators are not displayed. Lastmanuals, for instance, does not offer a translation service. Designated trademarks and brands are the property of their respective owners.

Chapter 6 : DENON AVR OWNER'S MANUAL Pdf Download.

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Chapter 7 : DENON AVR SERVICE MANUAL Pdf Download.

Manual abstract: user guide DENON AVR Detailed instructions for use are in the User's Guide.] GraphicalUserInterface b The illustrations used for explaining operations in this manual show the buttons of the remote control unit.

Chapter 8 : Denon AVR CI manual

Connecting an iPod or USB memory device to the USB port. Connecting an FM/AM antenna. Connecting to a home network (LAN).

Chapter 9 : A/V Receiver, Home Theater Receiver | AVR CI | Denon

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