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You can read the recommendations in the user guide, the technical guide or the installation guide for ONKYO TX-SR601E. You'll find the answers to all your questions on the ONKYO TX-SR601E in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

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ONKYO

AV Receiver

TX-SR701/701E
TX-SR601/601E

Instruction Manual

Thank you for purchasing the Onkyo AV Receiver. Please read this manual thoroughly before making connections and plugging in the unit. Following the instructions in this manual will enable you to obtain optimum performance and listening enjoyment from your new AV Receiver. Please retain this manual for future reference.

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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. Important Safety Instructions 1. Read Instructions All the safety and operating instructions should be read before the appliance is operated. 2. Retain Instructions The safety and operating instructions should be retained for future reference. 3. @ @4. @ @5.

@ @6. @ @The appliance should be cleaned with a dry cloth or only as recommended by the manufacturer. 7. Ventilation Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the appliance and to protect it from overheating, and these openings must not be blocked or covered. Do not use the appliance on a bed, sofa, rug, or other such surface.

Newspapers, table clothes, curtains, and other items can inadvertently block ventilation slots. Do not place the unit near curtains that could obstruct the ventilation. If you install the appliance in a built-in installation, such as a bookcase or rack, ensure that there is adequate ventilation. Leave 20 cm (8") of free space at the top and sides and 10 cm (4") at the rear. The rear edge of the shelf or board above the appliance should be set 10 cm (4") away from the rear panel or wall, creating a flue-like gap for warm air to escape.

8. Heat The appliance should be situated away from heat sources such as radiators, heat registers, stoves, or other appliances (including amplifier) that produce heat. 9. Grounding or Polarization The appliance may be equipped with a polarized alternating current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized or grounding-type plug. 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. 10. Power-Cord Protection Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the appliance. 11. Attachments Do not use attachments not recommended by the appliance manufacturer as they may cause hazards. Accessories Do not place the appliance on an unstable cart, stand, tripod, bracket, or table. The appliance may fall, causing serious injury to a child or adult, and serious damage to the appliance. Use only with a cart, stand, tripod, bracket, or table recommended by the manufacturer, or sold with the appliance. Any mounting of the appliance should PORTABLE CART WARNING follow the manufacturer's instructions, and should use a mounting accessory recommended by the manufacturer.

12. An appliance and cart combination should be moved with care to avoid injury from tip-over. Quick stops, excessive force, and uneven surfaces may cause the appliance and S3125A cart combination to overturn. 13. Lightning For added protection for the appliance during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system.

This will prevent damage to the appliance due to lightning and power-line surges. 14. Servicing Do not attempt to service the appliance yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel. Damage Requiring Service Unplug the appliance from the wall outlet and refer servicing to qualified service personnel under the following conditions: A.

When the power-supply cord or plug is damaged, B. If liquid has been spilled, or objects have fallen into the appliance, C. If the appliance has been exposed to rain or water, D. If the appliance does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the appliance to its normal operation, E. If the appliance has been dropped or damaged in any way, and F. When the appliance exhibits a distinct change in performance this indicates a need for service. 15. Object and Liquid Entry Never push objects of any kind into the appliance through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. The appliance should not be exposed to dripping or splashing and no objects filled with liquids, such as vases should be placed on the appliance.

Don't put candles or other burning objects on top of this unit. 16. Batteries Always consider the environmental issues and follow local regulations when disposing of batteries. 2 Precautions 1. Recording Copyright Recording of copyrighted material for other than personal use is illegal without permission of the copyright holder. 2. AC Fuse The fuse is located inside the chassis and is not user-serviceable. If power does not come on, contact your Onkyo authorized service station. 3. Care From time to time you should wipe the front and rear panels and the cabinet with a soft cloth.

For heavier dirt, dampen a soft cloth in a weak solution of mild detergent and water, wring it out dry, and wipe off the dirt. Following this, dry immediately with a clean cloth. Do not use rough material, thinners, alcohol or other chemical solvents or cloths since these could damage the finish or remove the panel lettering. 4. Power For U.

S. models Note to CATV system installer: This reminder is provided to call the CATV system installer's attention to Section 820-40 of the NEC which provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as practical. FCC INFORMATION FOR USER CAUTION: The user changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.



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These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment 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 equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: · Reorient or relocate the receiving antenna. · Increase the separation between the equipment and receiver. · Connect the equipment into an outlet on a circuit different from that to which the receiver is connected. · Consult the dealer or an experienced radio/TV technician for help. For Canadian models NOTE: THIS CLASS B DIGITAL APPARATUS COMPLIES WITH CANADIAN ICES-003. For models having a power cord with a polarized plug: CAUTION: TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, FULLY INSERT. Modèle pour les Canadien REMARQUE: CET APPAREIL NUMÉRIQUE DE LA CLASSE B EST CON-FORME À LA NORME NMB-003 DU CANADA. Sur les modèles dont la fiche est polarisée: ATTENTION: POUR ÉVITER LES CHOCS ÉLECTRIQUES, INTRODUIRE LA LAME LA PLUS LARGE DE LA FICHE DANS LA BORNE CORRESPONDANTE DE LA PRISE ET POUSSER JUSQU'AU FOND.

WARNING BEFORE PLUGGING IN THE UNIT FOR THE FIRST TIME, READ THE FOLLOWING SECTION CAREFULLY. The voltage of the available power supply differs according to country or region. Be sure that the power supply voltage of the area where this unit will be used meets the required voltage (e.g., AC 230 V, 50 Hz or AC 120 V, 60 Hz) written on the rear panel. Worldwide models are equipped with a voltage selector to conform to local power supplies. Be sure to set this switch to match the voltage of the power supply in your area before plugging in the unit. For British models Replacement and mounting of an AC plug on the power supply cord of this unit should be performed only by qualified service personnel. IMPORTANT The wires in the mains lead are colored in accordance with the following code: Blue : Neutral Brown : Live As the colors of the wires in the mains lead of this apparatus may not correspond with the colored markings identifying the terminals in your plug, proceed as follows: The wire which is colored blue must be connected to the terminal which is marked with the letter N or colored black. The wire which is colored brown must be connected to the terminal which is marked with the letter L or colored red.

IMPORTANT A 5 ampere fuse is fitted in this plug. Should the fuse need to be replaced, please ensure that the replacement fuse has a rating of 5 amperes and that it is approved by ASTA or BSI to BS1362. Check for the ASTA mark or the BSI mark on the body of the fuse. IF THE FITTED MOULDED PLUG IS UNSUITABLE FOR THE SOCKET OUTLET IN YOUR HOME THEN THE FUSE SHOULD BE REMOVED AND THE PLUG CUT OFF AND DISPOSED OF SAFELY. THERE IS A DANGER OF SEVERE ELECTRICAL SHOCK IF THE CUT OFF PLUG IS INSERTED INTO ANY 13 AMPERE SOCKET.

If in any doubt, consult a qualified electrician. 3 Contents Before using Important Safety Instructions

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.74 Declaration of Conformity We, ONKYO EUROPE ELECTRONICS GmbH INDUSTRIESTRASSE 20 82110 GERMERING, GERMANY declare in own responsibility, that the ONKYO product described in this instruction manual is in compliance with the corresponding technical standards such as EN60065, EN55013, EN55020 and EN61000-3-2, -3-3. GERMERING, GERMANY I. MORI ONKYO EUROPE ELECTRONICS GmbH 5 Features TX-SR701/701E Amplifier Features I 100 W x 2 (Front)/ 100 W (Center)/ 100 W x 2 (Surround)/ 100 W (Surround Back) at 8 ohms, 20 Hz - 20 kHz, 0.08 % THD (FTC rated) I 130 W x 2 (Front)/ 130 W (Center)/ 130 W x 2 (Surround)/ 130 W (Surround Back) at 6 ohms, 1 kHz (DIN) I 160 W x 2 (Front)/ 160 W (Center)/ 160 W x 2 (Surround)/ 160 W (Surround Back) at 6 ohms, 1 kHz (JEITA) I Wide Range Amplifier Technology (WRAT) I Powered Zone 2 Capability I State-of-the-art linear PCM 192 kHz/24-bit DACs for All channels I Optimum gain volume circuitry I VLSC (Vector Linear Shaping Circuitry) for L/C/R Channels TX-SR601/601E Amplifier Features I 85 W x 2 (Front)/ 85 W (Center)/ 85 W x 2 (Surround)/ 85 W I I I I I I I I (Surround Back) at 8 ohms, 20 Hz - 20 kHz, 0.08 % THD (FTC rated) I 120 W x 2 (Front)/ 120 W (Center)/ 120 W x 2 (Surround)/ 120 W (Surround Back) at 6 ohms, 1 kHz (DIN) I 150 W x 2 (Front)/ 150 W (Center)/ 150 W x 2 (Surround)/ 150 W (Surround Back) at 6 ohms, 1 kHz (JEITA) Wide Range Amplifier Technology (WRAT) Powered Zone 2 Capability State-of-the-art linear PCM 192 kHz/24-bit DACs for All channels Optimum gain volume circuitry VLSC (Vector Linear Shaping Circuitry) (except for USA & Canadian models, Australian models) Audio/Video Features I Select certified I THX surround EX® I Dolby®* Digital, Dolby Digital EX, Dolby Pro Logic II I DTS, DTS 96/24, DTS-ES Extended Surround, DTS Neo:6 I Non-Scaling Configuration I Re-EQ I Pure Audio Mode I Crossover Adjustment (40/60/80/100/120/150 Hz) I Onscreen graphical displays I Digital Outputs (1 coaxial, 1 optical) I 2 component video inputs and 1 output I 3 Assignable digital inputs (1 coaxial, 2 optical) I 5 S-Video inputs and 3 outputs I Front panel A/V, S-Video, Optical inputs I Multi channel input for DVD-Audio and Super Audio CD I Rec out selector and Zone 2 selector I Pre-out terminals for Front L/R, Center, Surround L/R, Surround Back L/R, Subwoofer and Zone 2 L/R I Color-coded speaker terminals THX® Audio/Video Features I Dolby Digital, Dolby Digital EX, Dolby Pro Logic II I DTS, DTS 96/24, DTS-ES Extended Surround, DTS I I I I I I I I I I I I I I Neo:6 Non-Scaling Configuration CinemaFILTER Crossover Adjustment (60/80/100/120/150 Hz) Onscreen graphical displays Optical Digital Output 2 component video inputs and 1 output 3 Assignable digital inputs (1 coaxial, 2 optical) 5 S-Video inputs and 3 outputs Front panel A/V, S-Video, Optical inputs Multi channel input for DVD-Audio and Super Audio CD Rec out selector and Zone 2 selector Pre-out terminal for Subwoofer Color-coded speaker terminals FM/AM Tuner Features I 40 FM/AM random presets I FM auto tuning I RDS (European models) with PS/RT/PTY/TP FM/AM Tuner Features I 40 FM/AM random presets I FM auto tuning I RDS (European models) with PS/RT/PTY/TP Other Performance Features I IntelliVolume I Preprogrammed learning remote with macro and mode-key LEDs I Zone 2 Lineout I 12V Trigger output for Zone 2 I IR input terminal · *Manufactured under license from Dolby Laboratories.



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Manufactured under license of THX Ltd. Other Performance Features IntelliVolume I Powerful backlit/preprogrammed learning remote with macro and mode-key LEDs I 12V Trigger output for Zone 2 I IR input terminal I Zone 2 Lineout The alphabet displayed at the end of the product name found in catalogs and on the packages represents the color of this receiver. Though the color varies, the specifications and operations are the same. 6 Supplied accessories Check that the following accessories are supplied with the TX-SR701/701E/ 601/601E. The following accessories may be available depending on the area which it was purchased.

AM loop antenna × 1 FM indoor antenna × 1 Conversion plug × 1 Surround Back Left Surround Back Left Zone 2 Left Zone 2 Left 1 2 3 Speaker Cable Remote controller × 1 TX-SR701/701E: RC-533M TX-SR601/601E: RC-515M Batteries (AA, R6) × 2 Speaker cable label × 1 75/300 antenna adapter × 1 Before using this unit Setting the voltage selector (Worldwide models only) Worldwide models are equipped with a voltage selector so that you can set your TX-SR701/701E/601/601E to conform with local power supplies. Be sure to set this switch to match the voltage of the power supply in your area before plugging in the unit. Determine the proper voltage for your area: 220-230 V or 120 V. If the preset voltage is not correct for your area, insert a screwdriver into the groove in the switch and slide the switch all the way to the top (120 V) or bottom (220-230 V), whichever is appropriate. Notes: · Do not mix new batteries with old batteries or different kinds of batteries. · To avoid corrosion, remove the batteries if the remote controller will not be used for a long time. · Remove dead batteries immediately to avoid damage from corrosion. If the remote controller does not operate smoothly, remove the old batteries and replace them both with two new AA batteries. Surround Back Right Surround Back Right Zone 2 Right Zone 2 Right Front Left Front Left SP-B / Zone 2 Left SP-B / Zone 2 Left Front Right Front Right SP-B / Zone 2 Right SP-B / Zone 2 Right Surround Left Surround Left Surround Right Surround Right Center Center (Use this plug if the power cord plug of the TXSR701/701E/601/601E does not fit your AC outlet. Shape may vary depending on the area which it was purchased.

) Surround Back Left Surround Back Left Zone 2 Left Zone 2 Left Surround Back Right Surround Back Right Zone 2 Right Zone 2 Right Front Left Front Left SP-B / Zone 2 Left SP-B / Zone 2 Left Front Right Front Right SP-B / Zone 2 Right SP-B / Zone 2 Right Surround Left Surround Left Surround Right Surround Right Center Center Using the remote controller Point the remote controller toward the remote control sensor. The STANDBY indicator lights up when the unit receives a signal from the remote controller. Remote control sensor TX-SR701/701E/601/601E ANTENNA COMPONENT VIDEO INPUT 2 INPUT 1

OUTPUT AM FM 75 CAUTION: SPEAKER IMPEDANCE 6 OHMS MIN. /SPEAKER ZONE 2 SPEAKERS Y ZONE 2 LINE OUT FRONT SPEAKERS SURROUND SPEAKERS CENTER SPEAKER AC OUTLETS L L PB L R VIDEO 3 IN OUT PR DIGITAL IN 2 OPTICAL 1 OUT REMOTE CONTROL R R COAXIAL VIDEO 2 IN VIDEO 1 OUT IN DVD IN MONITOR OUT ZONE 2 OPTICAL V S IN COAXIAL 12 V TRIGGER OUT IR IN ZONE 2 FRONT SURR CENTER SURR BACK (SB) SURROUND BACK SPEAKER L AV RECEIVER L R SUB WOOFER SWITCHED TOTAL 100W MAX. MODEL NO. TX-SR 701 PRE OUT R IN OUT 120 V IN IN OUT IN IN OUT IN FRONT SURR CENTER VOLTAGE SELECTOR 220-230 V GND L L R PHONO CD TAPE VIDEO 3 VIDEO 2 120 V DVD SUB WOOFER VOLTAGE SELECTOR R VIDEO 1 STANDBY indicator 220-230 V 30° 30° Approx. 16 feet (5 meters) Installing the remote controller batteries 1. Remove the battery compartment cover by pressing it and sliding it in the direction shown by the arrow below. SEND/LEARN indicator 2. Insert two AA (R6) batteries into the battery compartment.

Carefully follow the polarity diagram (positive (+) and negative (-) symbols) inside the battery compartment. 3. After the batteries are installed and seated correctly, replace the compartment cover. 1 2 3 Notes: · Make sure that the remote control sensor is not subject to strong light such as direct sunlight or inverted fluorescent light for it may prevent proper operation of the remote controller. · Using another remote controller in the same room or using the TX-SR701/701E/601/601E near equipment that uses infrared rays may cause operational interference.

· Do not put objects on the remote controller. Its buttons may be pressed by mistake and drain the batteries. · Make sure the audio rack doors do not have colored glass. Placing the TX-SR701/701E/601/601E behind such doors may prevent proper remote controller operation. · If there is any obstacle between the remote controller and the remote control sensor, the remote controller will not operate.

7 Front panel facilities Here is an explanation of the controls and displays on the front panel of the TX-SR701/701E/601/601E. Front panel <TX-SR701E> AUDIO ADJUST MASTER VOLUME SETUP RETURN STANDBY/ON TUNING PRESET POWER STANDBY ON OFF LISTENING MODE SURROUND THX REC OUT ZONE 2 OFF LEVEL DISPLAY RT/PTY/TP STEREO DSP MEMORY FM MODE ENTER CLEAR PHONES DIRECT/ PURE AUDIO PURE AUDIO AUDIO SELECTOR DVD VIDEO 1 VIDEO 2 VIDEO 3 VIDEO 4 TAPE TUNER CD PHONO VIDEO 4 INPUT VCR 1 VCR 2 DIGITAL S VIDEO VIDEO L AUDIO R <TX-SR601E> AUDIO ADJUST MASTER VOLUME SETUP RETURN STANDBY/ON TUNING PRESET POWER STANDBY ON OFF LISTENING MODE STEREO SURROUND REC OUT ZONE 2 OFF LEVEL DISPLAY RT/PTY/TP DIRECT DSP MEMORY FM MODE ENTER CLEAR PHONES AUDIO SELECTOR DVD VIDEO 1 VIDEO 2 VIDEO 3 VIDEO 4 TAPE TUNER CD VIDEO 4 INPUT VCR 1 VCR 2 DIGITAL S VIDEO VIDEO L AUDIO R 8 Front panel facilities For further operational instructions, see the pages indicated in brackets [].



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POWER switch (for all models other than USA and Canadian models, and Australian models) [28] Press to turn on and off the main power supply for the TX-SR701/701E/601/601E. When the TX-SR701/701E/601/601E is turned on with the POWER switch, the STANDBY indicator lights. · Before turning on the power, check to make sure that all cords are properly connected. · When the power is turned on, a sudden surge of current will occur that may adversely affect the operation of other devices. To prevent this, do not plug the TX-SR701/701E/601/601E into the same circuit used by sensitive equipment, e.g., computers. **STANDBY/ON button** [28] If pressed with the POWER switch turned on (with the receiver plugged in for US models and Australian models), the TX-SR701/701E/601/601E turns on and the display lights up.

If pressed again, the TX-SR701/701E/601/601E returns to the standby state. In the standby state, the display is turned off and the TX-SR701/701E/601/601E cannot be operated. **STANDBY indicator** [7, 28] Lights when the TX-SR701/701E/601/601E is in the standby state and when a signal is received from the remote controller. **DISPLAY button** [45] Press to display information about the current input source signal. Each time you press the display button, the screen changes to show you different information concerning the input signal. **RT/PTY/TP** (European models only) button [40] This button is only available on European models. Press this button to tune into the Radio Data System (RDS) for FM broadcasting. RDS was developed within the European Broadcasting Union (EBU) and is available in most European countries. Each time the button is pressed, the display changes from RT (radio text) to PTY (program type) to TP (traffic program) and then back to RT again. **DIMMER button** (other than European models) Press to set the brightness of the front display.

There are three settings available: normal, dark, and very dark. · The brightness of the front display can also be adjusted using the remote controller. **MEMORY button** [38] Press to assign the radio station that you are currently tuned into to a preset channel or press to delete a previously preset station. **FM MODE button** [37] Press to change the stereo mode from AUTO to MONO and vice versa. Each time this button is pressed, the AUTO indication turns on and off indicating the current mode.

If you are listening to an FM radio station in stereo and the sound cuts out or there is a great deal of noise, switch from AUTO to MONO. Remote control sensor [7] **AUDIO ADJUST button** [57] Press to adjust the sound quality and the listening mode. **SETUP button** [31] Press to enter the Setup Menu. The OSD Menu will appear on the TV monitor as well as the front display on the TX-SR701/701E/601/601E. **RETURN button** [32] When in the Setup Menu, press to go back one level.

If pressed while at the Main Menu, you will exit the Setup Menu. **TUNING /**, **PRESET /**, **cursor (/ / /)** buttons [31, 37, 38] To tune into a radio station, press the TUNING / buttons. The tuner frequency is displayed in the front display and it can be changed in 100-kHz (or 50-kHz) increments for FM and 10-kHz (or 9-kHz) increments for AM. When FM is selected as the input source, you can hold down either the TUNING or button and then release it to activate the autosearch feature. It will search for a station in the direction of the button you pressed and stop when it tunes into one. When navigating through the menu settings, these buttons move the cursor up or down (or change the highlighted item). To select a radio station that was stored using the MEMORY button, press the PRESET / buttons. When navigating through the menu settings, these buttons select the value or item that you selected with the TUNING / buttons. When you press the SETUP button, the TUNING and PRESET buttons become cursor buttons to be used for Setup Menu operations. **ENTER button** [31] Press to display the screen for the item that is selected in the Setup Menu.

MASTER VOLUME dial [41] Use to control the volume in the main zone. The volume for the remote zone (Zone 2) is independent. **VIDEO 4 INPUT terminals** [21] For connecting a video camera or game device. **STANDBY DISPLAY DIMMER LISTENING MODE buttons** [46-51] Press these buttons to select a listening mode for the current input source. Press the **DIRECT** (TX-SR601/601E), **THX** (TX-SR701/701E), **STEREO**, and **SURROUND** buttons to select a listening mode directly. Press the **DSP** button to select any of the possible listening modes for the input source currently selected. Note: During playback of a multichannel source, press the **DIRECT** button to turn off the tone control and the **SURROUND** button to turn on the tone control. [45] **Front display** [11] 9 **Front panel facilities Input source buttons** (DVD, VIDEO 14, TAPE, TUNER, CD, and PHONO (TX-SR701/701E only)) [41] These buttons are used to select the input source. Press these buttons to select the input source for the main zone. To select the input source for the remote zone (Zone 2) or recording out (Rec Out), first press the **ZONE 2** or **REC OUT** button, and then press the desired input source button.

The input channel with its indicator lit red is output to REC OUT and the one with its indicator lit green is output to ZONE 2. **AUDIO SELECTOR button** [42] Press to select the type of audio input signal. **DIRECT/PURE AUDIO button and indicator** (TX-SR701/701E only) [46, 48] **PHONES jack** [44] This is a standard stereo jack for connecting stereo headphones. **REC OUT, ZONE 2, OFF, LEVEL /** buttons, and **ZONE 2 indicator** [60, 61] The REC OUT and ZONE 2 buttons allow you to use the TXSR701/701E/601/601E to output to a remote zone (Zone 2) or to another component for recording (Rec Out). To turn off the output, press the OFF button.

The ZONE 2 indicator lights when a signal is output to the remote zone (Zone 2). When the ZONE 2 indicator is off, then either output to the remote zone is turned off or Rec Out is selected. Press the **LEVEL /** buttons to enter the mode for adjusting the volume in the remote zone (Zone 2). Note: The Rec Out and Zone 2 buttons use the same circuit and therefore cannot be used at the same time. When REC OUT is selected, nothing is output to Zone 2.

When ZONE 2 is selected, REC OUT is automatically fixed to SOURCE. 10 **Front panel facilities Front panel display MUTING indicator** Flashes when the mute function is turned on. **Listening mode or digital input format indicators** One of these indicators lights to show the format of the current input source. In addition, one of the listening mode indicators lights to indicate the current listening mode. **Tuning indicators TUNED indicator** Lights when a radio station is received. **AUTO indicator** Lights when receiving FM broadcasts in the stereo mode. Turns off when placed into the monaural mode. **RDS indicator** (European models only) Lights when an RDS station is received. **MEMORY indicator** Lights when the MEMORY button is pressed to preset a radio station. **FM STEREO indicator** Lights when an FM broadcast station is received in stereo.



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Multi function display During normal operation, shows the current input source and volume. When the FM or AM input is selected, shows the frequency and preset number. When the DISPLAY button is pressed, shows the listening mode and input source format. However, does not show the source format when the FM or AM source is selected. SLEEP indicator Lights when the sleep timer is turned on. ZONE 2 indicator Lights when using the remote zone (Zone 2). REC OUT indicator Lights when recording the input source from one component to another (Rec Out) 11 Remote controller RC-533M SEND/LEARN indicator Lights red when signals are sent by the remote controller. It also flashes when a button is pressed when the battery power is low. ON/STANDBY button [28] ON: Press to turn on the TX-SR701/701E/601/601E. STANDBY: Press to place the TX-SR701/701E/601/601E in the standby state.

Be aware that pressing the STANDBY button only places the TXSR701/701E/601/601E in standby and does not turn the power completely off. SLEEP button [44] Press to set the sleep function. The SLEEP button enables you to set the TX-SR701/701E/601/ 601E to turn off automatically after a specified time period. MACRO 1, 2 button [73] Press to program or execute the macro function. MODE buttons and indicators [28, 63-74] Press to select the component to be operated by the remote controller.

When a MODE button is pressed, it will light for 8 seconds. The selected MODE button will also light whenever any other operation button is pressed.

RETURN button [32] Press to enter the selected setting and return to the previous menu. CH, DISC button Press to select a preset channel for the tuner (CH). [38] When the CD mode is selected, also press to select a disc when operating components with disc changers (DISC).

[65] CH SEL/TOP MENU button Press to select a speaker channel when adjusting the speaker level (CH SEL). [43] When the DVD mode is selected, press to display the menu screens of the DVD player (TOP MENU). [64] AUDIO SEL/TV/VCR button [47] Press to select the audio input signal. The setting changes from "Auto" to "Multich" (only if DVD is selected as the input source) to "Analog" and back each time this button is pressed. LEVEL /ANGLE and LEVEL /SUBTITLE buttons Press to adjust the volume of the speaker selected using the CH SEL button (LEVEL /). [43] Press the ANGLE button to select a camera angle when playing a DVD-Video with multiple angle playback. Press the SUBTITLE button to select a subtitle language when playing a DVD-Video. [64] CD/TAPE/DVD/MD operation buttons [63-66] Press to operate other Onkyo components connected to the TXSR701/701E/601/601E using the terminals. RC-515M 12 Remote controller INPUT SELECTOR buttons [41] Press to select an input source. Same as the input selector buttons on the front panel of the TXSR701/701E/601/601E.

The input source for each button is given here. DVD: DVD, CD: CD, V1: VIDEO1, V2: VIDEO2, V3: VIDEO3, V4: VIDEO4, V5: VIDEO5 (not used with the TXSR701/701E/601/601E), TAP: TAPE, TUN: FM/AM, PH: PHONO (not used with the TX-SR601/601E). Numeric key/Listening mode, SP A, SP B, CINE FLTR, DISPLAY, DIMMER buttons 1 to 9, +10, --/--, 0: For entering the number of a track. [64-66] PURE A: TX-SR601/601E: Not used with the TX-SR601/601E. TX-SR701/701E: Press to select the Pure Audio mode. [46, 48] DIRECT, STEREO, SURR, ALL ST, DSP (TX-SR601/601E), DSP / (TX-SR701/701E), THX (TX-SR701/701E): You can select a listening mode. [48-51] Note: During playback of a multichannel source, press the DIRECT button to turn off the tone control and the SURR button to turn on the tone control. SP A, SP B: Not used with the TX-SR601/601E. CINE FLTR (TX-SR601/601E): Depending on the listening mode, you can turn the Cinema FILTER function on or off. [51] Re-EQ (TX-SR701/701E): Depending on the listening mode, you can turn the Re-EQ function on or off.

[49] DISPLAY: For changing the display in the front display. [45] DIMMER: Adjusts the display brightness. There are three settings available: normal, dark, and very dark. LIGHT button (RC-533M only) Press to turn on and off the lights in the buttons of the remote controller. SETUP button [31] Press to display the Setup Menu on the TV screen and in the display.

Press again to exit the menu. ///, ENTER button [31] When in the Setup Menu, press the upper and lower arrow buttons to select an item, press the right and left arrow buttons to select parameter values or modes, and press the ENTER button to advance to the next item. VOL button [41] Press to adjust the volume. TEST/MENU button This button is used to set the speaker output levels. Use this button in conjunction with the LEVEL / and CH SEL buttons to calibrate the speakers levels without entering the Setup Menu.

[43] When the DVD mode is selected, press to display the DVD menu (MENU). [64] MUTING button [45] AUDIO ADJUST button [57] ZONE 2/SEARCH/ENTER button When the DVD mode is selected, press to find the specific section on a DVD where you want to start playback (SEARCH). [64] When in the RCVR mode, press to perform operations on the remote zone (ZONE 2). [60] When in the MD mode, press to enter the selected song (ENTER). [66] 13 Connections · Be sure to always refer to the instructions that came with the component that you are connecting. · Do not plug in the power cord until all connections have been properly made. · For input jacks, red connectors (marked R) are used for the right channel, white connectors (marked L) are used for the left channel, and yellow connectors (marked V) are used for video connection. · Insert all plugs and connectors securely. Improper connections can result in noise, poor performance, or damage to the equipment. Improper connection Inserted completely · Do not bind audio/video connection cables with power cords and speaker cables.

Doing so may adversely affect the picture and sound quality. Cables are depicted in the connection diagrams as shown below. Left (white) L Audio connection cable Right (red) PR PB Y R PR PB Y Component video connection cable Video connection cable S video connection cable Coaxial cable Optical cable 14 Connections TX-SR701/701E REMOTE When using CONTROL [24] the Zone 2 12V TRIGGER ZONE 2 LINE OUT terminal [21] terminals [23] Connecting antennas [29] COMPONENT VIDEO INPUT/OUTPUT [18-20] Connecting speakers [26] AC OUTLETS [24] ANTENNA COMPONENT VIDEO INPUT 2 INPUT 1 OUTPUT AM FM 75 CAUTION: SPEAKER IMPEDANCE 6 OHMS MIN. /SPEAKER ZONE 2 SPEAKERS Y ZONE 2 LINE OUT FRONT SPEAKERS SURROUND SPEAKERS CENTER SPEAKER AC OUTLETS L L PB L R VIDEO 3 IN OUT PR DIGITAL IN 2 OPTICAL 1 OUT REMOTE CONTROL R R COAXIAL VIDEO 2 IN VIDEO 1 OUT IN DVD IN MONITOR OUT ZONE 2 OPTICAL V S IN COAXIAL 12 V TRIGGER OUT IR IN ZONE 2 FRONT SURR CENTER SURR BACK (SB) SURROUND BACK SPEAKER L PRE OUT L R SUB WOOFER AC 230-240 V 50 Hz SWITCHED TOTAL 100W MAX.



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R IN OUT AV RECEIVER IN IN OUT IN IN OUT IN FRONT SURR CENTER MODEL NO. TX-SR 701E GND L L R R PHONO CD TAPE VIDEO 3 VIDEO 2 VIDEO 1 DVD SUB WOOFER Connecting your audio components [16] Connecting your video IR IN [22] components [17] When using the ZONE 2 SPEAKERS terminals [23] PRE OUT [21] When using the ZONE 2 PRE OUT terminals [23] TX-SR601/601E When using REMOTE the Zone 2 CONTROL [24] LINE OUT 12V TRIGGER ZONE 2 terminals terminal [21] [23] Connecting antennas [29] COMPONENT VIDEO INPUT/OUTPUT [18-20] Connecting speakers [26] AC OUTLETS [24] ANTENNA COMPONENT VIDEO INPUT 2 INPUT 1 OUTPUT AM FM 75 CAUTION: SPEAKER IMPEDANCE 6 OHMS MIN. /SPEAKER ZONE 2 SPEAKERS Y ZONE 2 LINE OUT FRONT SPEAKERS SURROUND SPEAKERS CENTER SPEAKER AC OUTLETS L L PB L R IN PR DIGITAL 1 REMOTE CONTROL R R IN 2 OUT VIDEO 3 IN OUT VIDEO 2 IN VIDEO 1 OUT IN DVD IN MONITOR OUT ZONE 2 OPTICAL OPTICAL COAXIAL V S 12 V TRIGGER OUT PRE OUT IR IN SUBWOOFER SURROUND BACK SPEAKER AC 230-240 V 50 Hz SWITCHED TOTAL 100W MAX. CD IN OUT TAPE IN IN OUT AV RECEIVER IN OUT IN FRONT SURR CENTER L L R R CD TAPE VIDEO 3 VIDEO 2 VIDEO 1 DVD SUB WOOFER MODEL NO. TX-SR 601E Connecting your audio components [16] Connecting your video IR IN [22] components [17] When using the ZONE 2 SPEAKERS terminals [23] PRE OUT [21] 15 Connections Here is an explanation of typical ways to connect various components to the TX-SR701/701E/601/601E. There are many ways that any one component can be connected, and it is up to you to decide which method best fits your situation. The directions given here are only one option and should only be thought of as such. It is best to fully understand the nature of each connector and terminal as well as those of your components and their features to ascertain which method of connection is best. Digital audio output (coaxial) 1. CD player (CD) COMPONENT VIDEO INPUT 2 INPUT 1 OUTPUT ANTENNA AM L (white) Analog audio output R (red) DIGITAL IN OUT Y PB PR COAXIAL 3. Cassette tape deck, MD recorder, DAT deck, or CD recorder (TAPE) VIDEO 3 IN OUT VIDEO 2 IN 2.

Turntable (PHONO) (701/701E only) 2 OPTICAL 1 OPTICAL Ground wire (earth) L (white) IN IN OUT IN COAXIAL IN IN OUT L (white) IN Digital audio input (optical) GND L R PHONO CD TAPE VIDEO 3 VIDEO 2 Analog audio output R (red) L (white) Analog audio input R (red) Analog audio output R (red) : Signal flow Connecting your audio components Below is an example of how you can connect your audio components to the TX-SR701/701E/601/601E. Refer to the diagram above for the following connection examples. IN/OUT (analog audio) These are the analog audio inputs and outputs. There are seven audio inputs and three audio outputs on the rear panel. The audio inputs and outputs require RCA-type connectors.

DIGITAL INPUT/OUTPUT On the rear panel of the TX-SR701/701E/601/601E, there are one coaxial digital input, two optical digital inputs, one coaxial digital output (TX-SR701/701E only), and one digital output. To the digital inputs, connect CD players, LD players, DVD players, or other digital source component. To the digital outputs, connect MD recorders, CD recorders, DAT decks, or other similar components. · Since an analog connection must be made when using REC OUT or ZONE 2, make sure that the connection to the input source is not digital only, but analog as well. · When using an optical input or output jack, always use an optical fiber cable. 1. Connecting a compact disc player (CD) Using an RCA audio cable, connect the output jacks of the compact disc player to the CD audio jacks of the TX-SR701/701E/601/601E. Make sure that you properly connect the left channel to the L jack and the right channel to the R jack. If the compact disc player has a digital output, connect it to either the DIGITAL INPUT COAXIAL jack or the DIGITAL INPUT OPTICAL jack of the TX-SR701/701E/601/601E depending on the type of connector on the compact disc player. With the initial settings of the TX-SR701/701E/601/601E, the CD input source is set for digital input at the COAXIAL jack (COAX).

If the digital connection is made to a different jack, this must be changed at "Input Setup" "Digital Input" (see page 52). 2. Connecting a turntable (PHONO) (TX-SR701/701E only) Using an RCA audio cable, connect the output jacks of the turntable to the PHONO audio jacks of the TX-SR701/701E. Make sure that you properly connect the left channel to the L jack and the right channel to the R jack. Note: The TX-SR701/701E is designed for use with moving magnet cartridges. For proper operation, connect a ground (or earth) wire to the GND terminal. For some turntables, however, connecting the ground wire may cause increased noise, and in such a case, a ground wire is not necessary and should not be connected. 3. Connecting a cassette tape deck, MD recorder, DAT deck, or CD recorder (TAPE) Using RCA audio cables, connect the output jacks (PLAY) of the device to the TAPE IN audio jacks of the TX-SR701/701E/601/601E and connect the input jacks (REC) of the device to the TAPE OUT audio jacks of the TX-SR701/701E/601/601E. Make sure that you properly connect the left channels to the L jacks and the right channels to the R jacks.

If the device has a digital output, connect it to either the DIGITAL IN COAXIAL jack or the DIGITAL IN OPTICAL jack of the TX-SR701/701E/601/601E depending on the type of connector on the device. With the initial settings of the TX-SR701/701E/601/601E, nothing is allocated as the digital input source for TAPE (----). If you connect the digital audio output, be sure to make the appropriate changes at "Input Setup" "Digital Input" (see page 52). If the device has a digital input, connect it to the DIGITAL OUTPUT jack of the TX-SR701/701E/601/601E for digital recording of the signal from the digital input of the TX-SR701/701E/601/601E. Note: The output from the DIGITAL OUT jack of the TX-SR701/701E/601/601E is only the digital signal input to the DIGITAL IN jack.

16 Connections Connecting a DVD Player with 5.1-Channel Output ANTENNA COMPONENT VIDEO INPUT 2 INPUT 1 OUTPUT AM FM 75 Y ZONE 2 LINE OUT PB L R VIDEO 3 IN OUT Component video output REMOTE CONTROL PR DIGITAL IN 2 OPTICAL 1 OUT COAXIAL VIDEO 2 IN VIDEO 1 OUT IN DVD IN MONITOR OUT ZONE 2 OPTICAL V S IN COAXIAL 12 V TRIGG OUT IR IN Video output S video output IN IN OUT IN IN OUT IN OUT IN FRONT SURR CENTER GND L L R R PHONO CD TAPE VIDEO 3 VIDEO 2 VIDEO 1 DVD SUB WOOFER 4. DVD player (DVD) Analog audio output (center) Analog audio output (subwoofer) L (white) Analog audio output (surround L/R) R (red) L (white) Analog audio output (front L/R) : Signal flow R (red) Digital audio output (optical) Connecting your video components Below is an example of how you can connect your video components to the TX-SR701/701E/601/601E.



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Refer to the diagram above for the following connection examples. Video signal will be output if you use any one of COMPONENT, S, or composite terminals.

However, you are recommended to match the type of video terminals for connection between video devices (ex. DVD player and VCR), TX-SR701/701E/601/601E and TV/monitor. COMPONENT VIDEO INPUT/OUTPUT For DVD players or other devices that have component video connectors, the TX-SR701/701E/601/601E has two banks of component video input connectors (Y, PB, PR) for direct component video input. TX-SR701/701E/601/601E also has one bank of component video output connectors for direct component video output to the matrix decoder of a television, projector, or other display device. By sending the pure component video signal directly, the signal forgoes the extra processing that normally would degrade the image. The result is vastly increased image quality, with incredibly lifelike colors and crisp detail. The signal that comes in from COMPONENT VIDEO INPUT is only sent to COMPONENT VIDEO OUTPUT. When connecting a video player to the COMPONENT VIDEO INPUT jacks, be sure to connect your television to the COMPONENT VIDEO OUTPUT jacks. VIDEO IN/OUT, S VIDEO IN/OUT These are the video inputs and outputs. On the rear panel, there are four video inputs and two video outputs and each one includes both composite video and S video configurations.

Connect VCRs, VTRs, LD players, DVD players, and other video components to the video inputs. Connect VCRs, VTRs, and other recording components to the video outputs to make video recordings. When connecting a VCR or other video component, make sure you connect its audio and video leads to the same bank (e.g., both to VIDEO 3). The VIDEO 4 inputs are located on the front panel. The flow of the video signals is as follows: The signal that comes in from a VIDEO IN jack is sent to both the VIDEO OUT and S VIDEO OUT jacks. The signal that comes in from a S VIDEO IN jack is sent to both the S VIDEO OUT and VIDEO OUT jacks. It is not necessary to make both video and S video connections. Notes: If your video output device (e.g., television or projector) is connected only to the MONITOR OUT VIDEO jack, MONITOR OUT S VIDEO jack, or both, and the video signal from the source component is input through the component video connectors, no picture will appear. Video sources input from the component video connectors can only be output from the component video connectors. For more information about the DIGITAL INPUT/OUTPUT jacks, see page 16. 17 Connections

Connecting a DVD Player with 2-Channel (L/R) Audio Output ANTENNA COMPONENT VIDEO INPUT 2 INPUT 1 OUTPUT AM FM 75 Y ZONE 2 LINE OUT PB L R VIDEO 3 IN OUT Component video output REMOTE CONTROL PR DIGITAL IN 2 OPTICAL 1 OUT COAXIAL VIDEO 2 IN VIDEO 1 OUT IN DVD IN MONITOR OUT ZONE 2 OPTICAL V S IN COAXIAL 12 V TRIGG OUT IR IN Video output S video output IN IN OUT IN IN OUT IN OUT IN FRONT SURR CENTER GND L L R R PHONO CD TAPE VIDEO 3 VIDEO 2 VIDEO 1 DVD SUB WOOFER 4.

DVD player (DVD) L (white) Analog audio output R (red) Digital audio output (optical) : Signal flow 4. Connecting a DVD player (DVD) Using an RCA video cable, connect the video output jack (composite) of the DVD player to the DVD V IN jack of the TXSR701/701E/601/601E. Or if the DVD player has an S video output jack, connect it to the DVD S IN jack with an S video cable. Or if the device has component video outputs, connect them to the COMPONENT VIDEO INPUT 1 or 2 jacks on the TX-SR701/701E/601/601E. With the initial settings of the TX-SR701/701E/601/601E, the DVD input source is set for the COMPONENT VIDEO INPUT 1 jacks.

If you connect the DVD player to the COMPONENT VIDEO INPUT 2 jacks, this must be changed at "Input Setup" "Component Video" (see page 53). Using an RCA audio connection cable, connect the audio output jacks of the DVD player to the DVD FRONT L/R jacks of the TXSR701/701E/601/601E. Make sure that you properly connect the left channel to the L jack and the right channel to the R jack. If the device has a 5.1-channel output, connect the DVD FRONT L/R, SURR L/R, CENTER, and SUBWOOFER (5.1-channel input) jacks of the TX-SR701/701E/601/601E to the 5.1-channel output jacks of the DVD player. Make sure that you properly connect the left channels to the L jacks and the right channels to the R jacks. If the device has a digital output, connect it to either the DIGITAL IN COAXIAL jack or the DIGITAL IN OPTICAL jack of the TXSR701/701E/601/601E depending on the type of connector on the DVD player.

With the initial settings of the TX-SR701/701E/601/601E, the DVD input source is set for digital input at the OPTICAL 1 jack (OPT 1).

If the digital connection is made at a different jack, this must be changed at "Input Setup" "Digital Input" (see page 52). Note: If the DVD player has both 5.1-channel audio outputs and 2-channel audio outputs, and you want to connect the DVD player only using the FRONT L/R jacks on the TX-SR701/701E/601/601E, use the 2-channel audio output jacks on the DVD player. 18 Connections : Signal flow Component video output Video output 6. Satellite tuner or television (VIDEO 3) ANTENNA COMPONENT VIDEO INPUT 2 INPUT 1 OUTPUT AM FM 75 S Video output Y ZONE 2 LINE OUT PB L 5. VCR (VIDEO 1) PR R VIDEO 3 IN OUT REMOTE CONTROL Digital audio output (optical) DIGITAL IN 2 OPTICAL 1 OUT COAXIAL VIDEO 2 IN VIDEO 1 OUT IN DVD IN MONITOR OUT ZONE 2 OPTICAL V S IN COAXIAL 12 V TRIGG OUT IR IN Video input IN OUT IN IN OUT IN IN OUT IN FRONT SURR CENTER GND L L Video output S Video output S Video input R R PHONO CD TAPE VIDEO 3 VIDEO 2 VIDEO 1 DVD SUB WOOFER L (white) Analog audio output L (white) Analog audio output R (red) R (red) L (white) Analog audio input R (red) 5. Connecting a video cassette recorder (VIDEO 1) Using RCA video cables, connect the video output jack (composite) of the video cassette recorder to the VIDEO 1 V IN jack of the TXSR701/701E/601/601E and connect the video input jack of the video cassette recorder to the VIDEO 1 V OUT jack of the TX-SR701/701E/601/601E. Or if the video cassette recorder has S video input and output jacks, using S video cables, connect the S video output jack of the video cassette recorder to the VIDEO 1 S IN jack of the TX-SR701/701E/601/601E and connect the video input jack of the video cassette recorder to the VIDEO 1 S OUT jack of the TXSR701/701E/601/601E. Or if the video cassette recorder has component video outputs, connect them to the COMPONENT VIDEO INPUT 1 or 2 jacks on the TX-SR701/701E/601/601E. With the initial settings of the TX-SR701/701E/601/601E, the VIDEO 1 input source is set for the COMPONENT VIDEO INPUT 2 jacks.



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If you connect the video cassette recorder to the COMPONENT VIDEO INPUT 1 jacks, this must be changed at "Input Setup" "Component Video" (see page 53). Using RCA audio cables, connect the audio output jacks of the video cassette recorder to the VIDEO 1 IN audio jacks of the TXSR701/701E/601/601E and connect the audio input jacks of the video cassette recorder to the VIDEO 1 OUT audio jacks of the TXSR701/701E/601/601E. Make sure that you properly connect the left channels to the L jacks and the right channels to the R jacks. If you are connecting a digital output device to the VIDEO 1 jack instead of a VCR, connect it to either the DIGITAL IN COAX jack or DIGITAL IN OPT jack depending on the type of connector on the device. With the initial settings of the TX-SR701/701E/601/601E, nothing is allocated as the digital input source for VIDEO 1 (----).

If you connect the digital audio output, be sure to make the appropriate changes at "Input Setup" "Digital Input" (see page 52). 6. Connecting a satellite tuner, television, or settop box (VIDEO 3) Using an RCA video cable, connect the video output jack (composite) of the device to the VIDEO 3 V IN jack of the TXSR701/701E/601/601E. Or if the device has an S video output jack, connect it to the VIDEO 3 S IN jack of the TX-SR701/701E/601/601E using an S video cable. Or if the device has component video outputs, connect them to the COMPONENT VIDEO INPUT 1 or 2 jacks on the TX-SR701/701E/601/601E. With the initial settings of the TX-SR701/701E/601/601E, the VIDEO 3 input source is set for the COMPONENT VIDEO INPUT 2 jacks. If you connect the device to the COMPONENT VIDEO INPUT 1 jacks, this must be changed at "Input Setup" "Component Video" (see page 53). Using an RCA audio cable, connect the audio output jack of the device to the VIDEO 3 IN audio jacks of the TX-SR701/701E/601/601E. Make sure that you properly connect the left channel to the L jack and the right channel to the R jack. If the device has a digital output, connect it to either the DIGITAL IN COAXIAL jack or the DIGITAL IN OPTICAL jack of the TXSR701/701E/601/601E depending on the type of connector on the device. With the initial settings of the TX-SR701/701E/601/601E, the VIDEO 3 input source is set for digital input at the OPTICAL 2 jack (OPT 2). If the digital connection is made at a different jack, this must be changed at "Input Setup" "Digital Input" (see page 52). 19 Connections 8. TV monitor or projector (MONITOR OUT) ANTENNA COMPONENT VIDEO INPUT 2 INPUT 1 OUTPUT AM FM 75 7. DVD recorder, other digital video recording device (VIDEO 2) Digital audio input (coaxial) Y ZONE 2 LINE OUT PB L R VIDEO 3 IN OUT PR DIGITAL IN 2 OPTICAL 1 OUT REMOTE CONTRO Component video input COAXIAL VIDEO 2 IN VIDEO 1 OUT IN DVD IN MONITOR OUT ZON OPTICAL V S TX-SR701/701E only Video input IN IN OUT Video input S Video input IN COAXIAL IN IN OUT IN OUT IN FRONT SURR CENTER GND L L S Video input L (white) Analog audio input R R PHONO CD TAPE VIDEO 3 VIDEO 2 VIDEO 1 DVD SUB WOOFER R (red) L (white) Analog audio output S Video output Video output R (red) : Signal flow 7.

Connecting a DVD recorder or other digital video recording device (VIDEO 2) Using RCA video cables, connect the video output jack (composite) of the device to the VIDEO 2 V IN jack of the TX-SR701/701E/601/601E and connect the video input jack of the device to the VIDEO 2 V OUT jack of the TX-SR701/701E/601/601E. Or if the device has S video input and output jacks, using S video cables, connect the S video output jack of the device to the VIDEO 2 S IN jack of the TX-SR701/701E/601/601E and connect the video input jack of the device to the VIDEO 2 S OUT jack of the TX-SR701/701E/601/601E. Or if the device has component video outputs, connect them to the COMPONENT VIDEO INPUT 1 or 2 jacks on the TX-SR701/701E/601/601E. With the initial settings of the TX-SR701/701E/601/601E, the VIDEO 2 input source is set for the COMPONENT VIDEO INPUT 2 jacks. If you connect the device to the COMPONENT VIDEO INPUT 1 jacks, this must be changed at "Input Setup" "Component Video" (see page 53). Using RCA audio cables, connect the audio output jacks of the device to the VIDEO 2 IN audio jacks of the TX-SR701/701E/601/601E and connect the audio input jacks of the device to the VIDEO 2 OUT audio jacks of the TX-SR701/701E/601/601E. Make sure that you properly connect the left channels to the L jacks and the right channels to the R jacks.

If the device has a digital output, connect it to either the DIGITAL IN COAXIAL jack or the DIGITAL IN OPTICAL jack of the TXSR701/701E/601/601E depending on the type of connector on the device. With the initial settings of the TX-SR701/701E/601/601E, nothing is allocated as the digital input source for VIDEO 2 (----). If you connect the digital audio output, be sure to make the appropriate changes at "Input Setup" "Digital Input" (see page 52).

If the device has a digital input, connect it to the DIGITAL OUTPUT jack of the TX-SR701/701E/601/601E for digital recording of the signal from the digital input of the TX-SR701/701E/601/601E. Note: The output from the DIGITAL OUT jack of the TX-SR701/701E/601/601E is only the digital signal input to the DIGITAL IN jack. 8. Connecting a television monitor or projector (MONITOR OUT) The TX-SR701/701E/601/601E is equipped with a simple Y/C separate circuit and simple Y/C mixed circuit. Since both the signal from the S and V inputs are output to the MONITOR OUT S output, if the television or projector is equipped with an S video input, it is unnecessary to connect the video connectors.

If it is equipped with only a video input, connect it to the MONITOR OUT V output. Using an RCA video cable, connect the video input jack (composite) of the device to the MONITOR OUT V jack of the TXSR701/701E/601/601E. Or if the device has an S video input jack, connect it to the MONITOR OUT S jack of the TX-SR701/701E/601/601E using an S video cable. Or if the device has component video inputs, connect them to the bank of COMPONENT VIDEO OUTPUT jacks on the TX-SR701/701E/601/601E. Note: Note that the Setup Menu will only be displayed on the monitor connected to MONITOR OUT (S or V) and not those connected to the COMPONENT VIDEO OUTPUT jacks.

20 Connections 9. Connecting video camera, etc. (VIDEO 4 INPUT) Using an RCA video cable, connect the video output jack (composite) of the device to the VIDEO 4 VIDEO jack of the TXSR701/701E/601/601E. Or if the device has an S video output jack, connect it to the VIDEO 4 S VIDEO jack of the TX-SR701/701E/601/601E using an S video cable. Using an RCA audio cable, connect the audio output jack of the device to the VIDEO 4 AUDIO jacks of the TX-SR701/701E/601/601E. Make sure that you properly connect the left channel to the L jack and the right channel to the R jack.



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If the device has an optical digital output, connect it to the VIDEO 4 DIGITAL jack of the TX-SR701/701E/601/601E. The VIDEO 4 digital input is fixed to the OPTICAL input on the front panel. PRE OUT (TX-SR701/701E only) These jacks are for connecting an auxiliary power amplifier. You can use an auxiliary power amplifiers to listen at louder volumes than you can with the TX-SR701/701E alone.

When using a power amplifier, connect each speaker to the power amplifier. ZONE 2 FRONT SURR CENTER SURR BACK (SB) SUR BAC SPE L PRE OUT L R SUB WOOFER R S Video output L (white) R (red) L (white) Analog output R (red) Power amplifier 1 12V TRIGGER ZONE 2 terminal When the TX-SR701/701E/601/601E is in the ZONE 2 mode, this terminal outputs at 12 V/100 mA. 2 3 4 5 Center Video output Front 6 Surround back 9. Video camera/ Video game (VIDEO 4 INPUT) Subwoofer Surround R (red) R (red) Digital output (optical) L (white) 7 8 1. Front right speaker 2. Front left speaker 3. Surround right speaker 4. Surround left speaker 5. Subwoofer 6. Center speaker 7.

Surround back right speaker 8. Surround back left speaker Note: If you use a power amplifier connected to the SURR BACK PRE OUT terminal and connect two surround back speakers to the amplifier, set the "Hardware Config" "b. Surr Back" setting to "2ch (PRE OUT)" (see page 55). L (white) 21 Operating components not reached by the remote controller signals (IR IN) In order to use the remote controller to control the TX-SR701/ 701E/601/601E from a remote location, you will need to prepare a multi-room kit (sold separately) such as one of those given below: · Onkyo's Multi-Room System kit (IR Remote Controller Extension System) · Multiroom A/V distribution and control system such as those from Niles® and Xantech® Make the connections as shown below. Do not plug in any equipment to the power outlet until all the connections are complete.

From connecting block Mini plug cable REMOTE CONTROL If the remote controller signal does not reach the TX-SR701/701E/601/601E remote sensor If the TX-SR701/701E/601/601E is located inside a cabinet or other enclosure where the infrared rays from the remote controller cannot enter, then operation with the remote controller will not be possible. In such a case, it will be necessary to install a remote sensor at a location outside of the cabinet where the infrared rays from the controller can reach. With this connection, select "Main" at "Hardware Config" "IR IN Position" (see page 55). MONITOR OUT ZONE 2 V S 12 V TRIGGER OUT IR IN TX-SR701/701E/601/601E IR IN Connecting block IR Receiver TX-SR701/ 701E/601/ 601E Remote Controller In the cabinet : Signal flow The IR IN input allows you to control the TX-SR701/701E/601/ 601E from the remote zone (Zone 2) with the remote controller even though the remote zone may be on the other side of the building from the main zone. The diagram below shows how to make the proper connections for the remote zone.

With this connection, select "Zone 2" at "Hardware Config" "IR IN Position" (see page 55). IR IN IR Receiver TX-SR701/701E/ 601/601E Connecting block Remote Controller Main room : Signal flow Zone 2 room 22 Connecting the remote zone (Zone 2) speakers The TX-SR701/701E/601/601E allows you to listen to two separate input sources at the same time. This allows you to, for example, place speakers in two different rooms so that two or more people can enjoy two different kinds of music at the same time. The room where the TX-SR701/701E/601/601E is actually located is referred to as the main room while the separate room is referred to as the remote zone (Zone 2). In addition, the IR IN terminal of the TXSR701/701E/601/601E allows you to control the TX-SR701/701E/ 601/601E from the remote zone (Zone 2) with the remote controller even though the remote zone is physically separated. The diagrams below show how to make the proper connections for the remote zone. Remote Zone (Zone 2) Zone 2 Left speaker Zone 2 Right speaker Zone 2 amplifier When using the ZONE 2 SPEAKERS terminals You can connect the speakers for the remote zone (Zone 2) to the ZONE 2 SPEAKERS terminals. When you connect the speakers to the ZONE 2 SPEAKERS terminals, set the "Hardware Config" setting to "Zone 2." In this setting, while you use the remote zone (Zone 2), surround playback will not be available for the main room (2ch stereo playback only). When you are not using the Zone 2, 6.

1-channel playback will be available for the main room. Left (white) ZONE 2 LINE OUT Main Room L R REMOTE CONTROL Right (red) TX-SR701/701E/601/601E Note: The ZONE 2 out terminals of the TX-SR701/701E/601/601E are of a fixed output level. Main Room Remote Zone (Zone 2) Zone 2 Left speaker Zone 2 Right speaker When using the ZONE 2 PRE OUT terminals (TX-SR701/701E only) You can connect the amplifier for the remote zone (Zone 2) to the ZONE 2 PRE OUT terminals and connect the remote zone speakers. When you connect the speakers to the ZONE 2 SPEAKERS terminals, set the "Hardware Config" setting to "Zone 2." In this setting, while you use the remote zone (Zone 2), surround playback will not be available for the main room (2ch stereo playback only). When you are not using the Zone 2, 6.1-channel playback will be available for the main room. ZONE 2 SPEAKERS L R TX-SR701/701E/601/601E Main Room Remote Zone (Zone 2) Zone 2 Left speaker Zone 2 Right speaker Note: It is important to be aware of the speaker impedance (see page 31). TX-SR701/701E ZONE 2 FRONT SURR CENTER SURR BACK (SB) L PRE OUT L R SUB WOOFER When using the ZONE 2 LINE OUT terminals The ZONE 2 LINE OUT terminal is a constant output. Connect to the LINE input of the amplifier (CD, tape, etc.). Adjust the volume with the amplifier connected to the ZONE 2 LINE OUT terminal. In this connection, whatever the "Hardware Config" setting is set to, 6.1 channel playback is always available for main room. 1.

Connect the TX-SR701/701E/601/601E to the amplifier for the remote zone. 2. Connect the remote zone speaker cables to the speaker terminals on the amplifier. R Left (white) Power amplifier Right (red) 23 Connections AC OUTLETS The TX-SR701/701E/601/601E is equipped with AC mains outlets for connecting the power cords from other devices so that their power is supplied through the TX-SR701/701E/601/601E. By doing this, you can leave the connected device turned on and have the STANDBY/ON button on the TX-SR701/701E/601/601E turn on and off the device together with the TX-SR701/701E/601/601E.

The shape, number, and total capacity of the AC outlets may differ depending on the area of purchase. Caution: Make sure that the total capacity of the components connected to the TX-SR701/701E/601/601E does not exceed the capacity that is printed on the rear panel (e.



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