



Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for ONKYO TX-DS474. You'll find the answers to all your questions on the ONKYO TX-DS474 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

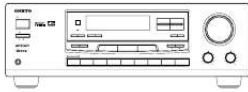
User manual ONKYO TX-DS474
User guide ONKYO TX-DS474
Operating instructions ONKYO TX-DS474
Instructions for use ONKYO TX-DS474
Instruction manual ONKYO TX-DS474

ONKYO

Audio Video Control Receiver

TX-DS474

Instruction Manual



Thank you for purchasing the Onkyo Audio Video Control Receiver. Please read this manual thoroughly before making connections and turning on the power. Following the instructions in this manual will enable you to obtain optimum performance and listening enjoyment from your new Audio Video Control Receiver. Please retain this manual for future reference.

Contents

Before using

- Important Safeguards..... 2
- Precautions 3
- Features..... 4
- Supplied accessories 4
- Before operating this unit..... 5

Preparation

- Audio equipment connections 6
- Video equipment connections 7
- Connecting other devices 8
- Connecting speakers 10
- Positioning speakers 11
- Connecting the power..... 11
- Making antenna connections 12

Operation

- Speaker setup..... 14
- Selecting a sound source 16
- To enjoy Surround mode 20
- or Stereo mode..... 20
- Tuning in a radio station..... 22
- Using preset radio stations..... 23
- Recording a source 24

Appendix

- Troubleshooting guide..... 26
- Specifications 27

Control guide

- Control positions and names 28
- Remote controller RC-385S 29
- Using the remote controller..... 30



[You're reading an excerpt. Click here to read official ONKYO TX-DS474 user guide](http://yourpdfguides.com/dref/481083)
<http://yourpdfguides.com/dref/481083>

Manual abstract:

.....
.....
.....
.....

..... 3 Features..

.....
.....
.....

.....
.....
.....

... 4 Supplied accessories.....

.....
.....

... 4 Before operating this unit ..

.....

..... 5 Preparation Audio equipment connections

.....

6 Video equipment connections

..... 7 Connecting other devices

.....

.. 8 Connecting speakers..

.....
.....

..... 10 Positioning speakers

.....
.....

..... 11 Connecting the power..

.....
.....

.... 11 Making antenna connections .

..... 12 Operation Speaker setup.

.....
.....
.....
.....

... 14 Selecting a sound source

.....

.... 16 To enjoy Surround mode or Stereo mode.

.....
.....

.....
.....

... 20 Tuning in a radio station..

.....

..... 22 Using preset radio stations.....

.....

.... 23 Recording a source .

.....

.....

.... @@@@Please retain this manual for future reference.

Appendix Troubleshooting guide.....

.....

..... 26 Specifications

.....
.....
.....

..... 27 Control guide Control positions and names ..

.....

... 28 Remote controller RC-385S ..

..... 29 Using the remote controller .

.....

. 30 WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE. WARNING RISK OF ELECTRIC SHOCK DO NOT OPEN AVIS RISQUE DE CHOC ELECTRIQUE NE PAS OUVRIR CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. 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 Safeguards 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. Heed Warnings All warnings on the appliance and in the operating instructions should be adhered to. 4. Follow Instructions All operating and use instructions should be followed. 5. Water and Moisture The appliance should not be used near water for example, near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool, and the like. 6. Carts and Stands The appliance should be used only with a cart or stand that is recom- PORTABLE CART WARNING mended by the manufacturer. 6A.

An appliance and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the appliance and cart combination to overturn. S3125A 2 7. Wall or Ceiling Mounting The appliance should be mounted to a wall or ceiling only as recommended by the manufacturer. 8. Ventilation The appliance should be situated so that its location or position does not interfere with its proper ventilation. For example, the appliance should not be situated on a bed, sofa, rug, or similar surface that may block the ventilation openings; or if placed in a built-in installation, such as a bookcase or cabinet that may impede the flow of air through the ventilation openings, there should be free space of at least 20 cm (8 in.) and an opening behind the appliance. 9. Heat The appliance should be situated away from heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat.

10. Power Sources The appliance should be connected to a power supply only of the type described in the operating instructions or as marked on the appliance. 11. Polarization If the appliance is provided with a polarized plug having one blade wider than the other, please read the following information: The polarization of the plug is a safety feature. The polarized plug will only fit the outlet one way.

If the plug does not fit fully into the outlet, try reversing it. If there is still trouble, the user should seek the services of a qualified electrician. Under no circumstances should the user attempt to defeat the polarization of the plug. 12. 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, especially near plugs, convenience receptacles, and the point where they exit from the appliance.

13. Cleaning The appliance should be cleaned only as recommended by the manufacturer. 14. Power Lines An outdoor antenna should be located away from power lines. 15. Nonuse Periods The power cord of the appliance should be unplugged from the outlet when left unused for a long period of time. 16. Object and Liquid Entry Care should be taken so that objects do not fall and liquids are not spilled into the enclosure through openings. 17. Damage Requiring Service The appliance should be serviced by qualified service personnel when: A.

The power-supply cord or the plug has been damaged; or B. Objects have fallen, or liquid has been spilled into the appliance; or C. The appliance has been exposed to rain; or D. The appliance does not appear to operate normally or exhibits a marked change in performance; or E. The appliance has been dropped, or the enclosure damaged. 18. Servicing The user should not attempt to service the appliance beyond that described in the operating instructions. All other servicing should be referred to qualified service personnel. 19. Outdoor Antenna Grounding If an outside antenna is connected to the receiver, be sure the antenna system is grounded so as to provide some protection against voltage surges and built up static charges.

Article 810 of the National Electrical Code, ANSIN/NECA 70, provides information with regard to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna-discharge unit, size of grounding conductors, location of antenna-discharge unit, connection to grounding electrodes, and requirements for the grounding electrode. See Figure 1. FIGURE 1: EXAMPLE OF ANTENNA GROUNDING AS PER NATIONAL ELECTRICAL CODE ANTENNA LEAD IN WIRE GROUND CLAMP ANTENNA DISCHARGE UNIT (NEC SECTION 810-20) ELECTRIC SERVICE EQUIPMENT GROUNDING CONDUCTORS (NEC SECTION 810-21) GROUND CLAMPS POWER SERVICE GROUNDING ELECTRODE SYSTEM (NEC ART 250, PART H) NEC NATIONAL ELECTRICAL CODE S2898A Precautions 1. Warranty Claim You can find the serial number on the rear panel of this unit. In case of warranty claim, please report this number.

2. Recording Copyright Recording of copyrighted material for other than personal use is illegal without permission of the copyright holder. 3. 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.

4. 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.



[You're reading an excerpt. Click here to read official ONKYO TX-DS474 user guide](http://yourpdfguides.com/dref/481083)

<http://yourpdfguides.com/dref/481083>

5. Power 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 U.S. model Note to CATV system installer: This reminder is provided to call the CATV system installer's attention to Article 820-40 of the NEC, ANSI/NFPA 70, 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. 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 model CAUTION: THIS DIGITAL APPARATUS DOES NOT EXCEED THE CLASS B LIMITS FOR RADIO NOISE EMISSION FROM DIGITAL APPARATUS SET OUT IN THE RADIO INTERFERENCE REGULATIONS OF THE CANADIAN DEPARTMENT OF COMMUNICATIONS. 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. For British model 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 coloured in accordance with the following code: Blue : Neutral Brown : Live As the colours of the wires in the mains lead of this apparatus may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows: The wire which is coloured blue must be connected to the terminal which is marked with the letter N or coloured black. The wire which is coloured brown must be connected to the terminal which is marked with the letter L or coloured red.

IMPORTANT A 5 amp fuse is fitted in this plug. Should the fuse need to be replaced, please ensure that the replacement fuse has a rating of 5 amps 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 AMP SOCKET. If in any doubt, please consult a qualified electrician. Modele pour les Canadien ATTENTION: L'INTERFÉRENCE RADIO ÉLECTRIQUE GÉNÉRÉE PAR CET APPAREIL NUMÉRIQUE DE TYPE B NE DÉPASSE PAS LES LIMITES ÉNONCÉES DANS LE RÈGLEMENT SUR LES PERTURBATIONS RADIO ÉLECTRIQUES, SECTION APPAREIL NUMÉRIQUE, DU MINISTÈRE DES COMMUNICATIONS. 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. 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 (or EN60555-2, -3). GERMERING, GERMANY K.

OTSU ONKYO EUROPE ELECTRONICS GmbH 3 Features Amplifier Features s 55 Watts MINIMIN FRONT SPEAKERS A B L L MODEL NO. TX-DS474 10kHz 9kHz AM FREQUENCY STEP L VIDEO-2 IN R R L V R 220-230V 120V R PHONO CD VOLTAGE SELECTOR Setting the Voltage selector (Worldwide models only) Worldwide models are equipped with a voltage selector 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. 1. Determine the proper voltage for your area: 220-230 V or 120 V. 2. If the preset voltage is not correct for your area, insert a screwdriver into the groove in the switch. Slide the switch all the way to the right (120 V) or to the left (220-230 V), whichever is appropriate. 220-230V 120V VOLTAGE SELECTOR Installing the remote controller batteries 1 1. Remove the battery compartment cover by pressing the tab and lifting up the cover.

2. Insert two AA (R6- or UM-3)-size batteries into the battery compartment. Carefully follow the polarity diagram (positive (+) and negative (-) symbols) inside the battery compartment. 3. After batteries are installed and seated correctly, replace the compartment cover. + + 2 · Do not mix new batteries with old batteries or different kinds of · To avoid corrosion, remove the batteries if the remote controller · Remove dead batteries immediately to avoid damage from corrosion not to be used for a long time. rosion. If the remote controller doesn't operate smoothly, replace both the batteries at the same time. The life of the batteries supplied is about six months but this will vary depending on usage. batteries.

Notes 3 · 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. Notes · Place the unit away from strong light such as direct sunlight or inverted fluorescent light which can prevent proper operation of the remote controller. · Using another remote controller of the same type in the same room or using the unit near equipment which uses infrared rays may cause operational interference.



[You're reading an excerpt. Click here to read official ONKYO TX-DS474 user guide](http://yourpdfguides.com/dref/481083)

<http://yourpdfguides.com/dref/481083>

· Do not put any object such as a book on the remote controller. The buttons of the remote controller may be pressed by mistake and drain the batteries. · Make sure the audio rack doors do not have colored glass. Placing the unit 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. Remote control sensor TX-DS474 STANDBY indicator 30° 30° approx.

5 m (16 feet) 5 Audio equipment connections · On each pair of input jacks, a red connector (marked R) corresponds to the right · · · channel, and a white connector (marked L) to the left channel. Please refer to the instruction manual of each component when making any connections. This receiver is designed for use with turntables using moving magnet cartridges. Insert the plugs and connectors securely. Remember that improper connection can result in noise, poor performance, or damage to the equipment. Audio connection cable L (Left) L R (Right) R Improper connection Tape Deck INPUT (REC) OUTPUT (PLAY) Insert completely See page 7 ANTENNA (REC) OUT SUB WOOFER PRE OUT R L MULT I CHANNEL I NPUT L R FRONT DIGITAL INPUT DIGITAL 2 (COAXIAL) AM CENTER SPEAKER MONITOR OUT SURROUND TAPE (PLAY) IN FM 75 DIGITAL 1 (OPTICAL) L SURROUND SPEAKERS R L AC OUTLETS AC 230V 50Hz SWITCHED TOTAL 100W MAX. DVD IN SUB CENTER WOOFER R REMOTE CONTROL VIDEO-1 GND OUT IN FRONT SPEAKERS A B L L MODEL NO. TX-DS474 L VIDEO-2 IN R R L V R R PHONO CD To wall outlet Ground OUTPUT Turntable OUTPUT (ANALOG) CD Player OUTPUT (COAXIAL) OUTPUT (DIGITAL) Do not plug in the power cord until all connections have been made. : signal flow · A DVD or other component equipped with a digital output can be connected to this receiver. The digital connection must be used in conjunction with an analog connection, because if the analog cable is disconnected, the audio output from TAPE OUT and VIDEO-2 will not work.

6 Video equipment connections · On each pair of input jacks, a red connector (marked R) corresponds to the right · · channel, and a white connector (marked L) to the left channel. A yellow connector (marked V) is used for video connection. Please refer to the instruction manual of each component when making any connections. Audio connection cable L (Left) L R (Right) Video connection cable V (Video) R V Digital audio connections This receiver has a powerful digital signal processor for use with DVD players, DAT decks, and CD players. The digital inputs, DIGITAL-1 and DIGITAL-2, can be assigned to individual input selector buttons, so when an input selector button is pressed, the assigned digital input is used instead of the corresponding analog input.

(See page 17.) DVD Player AUDIO OUTPUT VIDEO OUTPUT DIGITAL COAXIAL OUTPUT DIGITAL OPTICAL OUTPUT ANTENNA (REC) OUT SUB WOOFER PRE OUT R L MULT I CHANNEL I NPUT L R FRONT DIGITAL INPUT DIGITAL 2 (COAXIAL) AM CENTER SPEAKER MONITOR OUT SURROUND TAPE (PLAY) IN FM 75 DIGITAL 1 (OPTICAL) L SURROUND SPEAKERS R L AC OUTLETS AC 230V 50Hz SWITCHED TOTAL 100W MAX. DVD IN SUB CENTER WOOFER R REMOTE CONTROL VIDEO-1 GND OUT IN FRONT SPEAKERS A B L L MODEL NO. TX-DS474 L VIDEO-2 IN R R L V R R PHONO CD VIDEO IN AUDIO IN AUDIO OUT Video Cassette Recorder VIDEO IN VIDEO OUT : signal flow Monitor TV Notes: · When using a playback-only VCR, you need to make only the output connections. · This receiver can be used with only a monitor TV equipped with a video input jack.

· Interference may be caused between the TV and this receiver. If this interference occurs, place the receiver and the TV as far apart as possible. We do not recommend the use of a common TV/FM antenna (see antenna section). · A DVD or other component equipped with a digital output can be connected to this receiver. The digital connection must be used in conjunction with an analog connection, because if the analog cable is disconnected, the audio output from TAPE OUT and VIDEO-2 will not work. · Remove the protective cap attached to the DIGITAL-1 (OPTICAL) jack before making the connection. When this jack is not used, replace the protective cap. 7 Connecting other devices · On each pair of input jacks, a red connector (marked R) corresponds to the right · · channel, and a white connector (marked L) to the left channel. A yellow connector (marked V) is used for video connection. Please refer to the instruction manual of each component when making any connections.

Audio connection cable L (Left) L R (Right) Video connection cable V (Video) Monaural audio cable (mono) R V decoder with 5.1 channel output You may connect the 5.1 channel outputs of an external decoder (such as DTS decoder or MPEG decoder) to the MULTICHANNEL INPUTs of this unit. Use the DVD player or decoder controls to adjust the speaker settings for multi-channel input. DVD player or a decoder with Multi (5.1) channel outputs AUDIO OUT VIDEO OUT SURROUND OUT SUBWOOFER OUT CENTER OUT MULTI CHANNEL FRONT OUT ANTENNA (REC) OUT SUB WOOFER PRE OUT R L MULT I CHANNEL I NPUT L R FRONT DIGITAL INPUT DIGITAL 2 (COAXIAL) AM CENTER SPEAKER MONITOR OUT SURROUND TAPE (PLAY) IN FM 75 DIGITAL 1 (OPTICAL) L SURROUND SPEAKERS R L AC OUTLETS AC 230V 50Hz SWITCHED TOTAL 100W MAX. DVD IN SUB CENTER WOOFER R REMOTE CONTROL VIDEO-1 GND OUT IN FRONT SPEAKERS A B L L MODEL NO. TX-DS474 L VIDEO-2 IN R R L V R R PHONO CD 8 Connecting other devices AC outlet connection ANTENNA (REC) OUT SUB WOOFER PRE OUT R L MULT I CHANNEL I NPUT L R FRONT DIGITAL INPUT DIGITAL 2 (COAXIAL) AM CENTER SPEAKER MONITOR OUT SURROUND TAPE (PLAY) IN FM 75 DIGITAL 1 (OPTICAL) L SURROUND SPEAKERS R L AC OUTLETS REMOTE CONTROL AC 120V 60Hz SWITCHED TOTAL 120W 1A MAX. DVD IN SUB CENTER WOOFER R VIDEO-1 GND OUT IN FRONT SPEAKERS A B L L MODEL NO. TX-DS474 L VIDEO-2 IN R R L V R R PHONO CD Worldwide and European models U. S.A. and Canadian models Capacity is total 120 watts. Capacity is total 100 watts. You can connect the power cord from another audio device to the rear of this receiver.

Since the AC outlets on the unit are a SWITCHED type outlet, you can use the STANDBY/ON button, or the POWER button on the remote controller to turn on/off the power to both this receiver and the connected audio devices. First turn the POWER switch ON (ON). The shape, number, and total capacity of the AC outlets may differ depending on the area of purchase. Make sure that the total capacity of other components connected to this unit does not exceed the capacity that is printed on the rear panel.



[You're reading an excerpt. Click here to read official ONKYO TX-DS474 user guide](http://yourpdfguides.com/dref/481083)

<http://yourpdfguides.com/dref/481083>

TX-DS474 ANTENNA (REC) OUT Connections for remote control (DIGITAL INPUT DIGITAL 2 (COAXIAL)) SUB WOOFER PRE OUT R L MULT I CHANNEL I NPUT L R FRONT AM CENTER SPEAKER MONITOR OUT SURROUND TAPE (PLAY) IN FM 75 DIGITAL 1 (OPTICAL) L SURROUND SPEAKERS R L AC OUTLETS AC 230V 50Hz SWITCHED TOTAL 100W MAX.

DVD IN SUB CENTER WOOFER R REMOTE CONTROL VIDEO-1 GND OUT IN FRONT SPEAKERS A B L L MODEL NO. TX-DS474 You can use the remote controller of this receiver to operate cassette tape decks, compact disc players and DVD players that have Onkyo connectors. Connect a remote control cable to the connector with the mark. · An remote control cable equipped with a 3.5mm (1/8 in.)-diameter miniature twoconductor phone plug comes with every compact disc player, cassette tape deck, or DVD player that has an connector. · Remote control operation is not possible if only the remote control cable is connected the audio connection cables must also be connected. · This receiver's remote controller does not support control of Onkyo turntables. · If the connecting device has two connectors lined-up vertically or horizontally, you can use either of them. They both offer the same functionality.

L VIDEO-2 IN R R L V R R PHONO CD CD Player Cassette Tape Deck DVD Player 9 Connecting speakers · If you want to use the surround effects, connect surround speakers. For the best results, connect a center speaker. · Use FRONT SPEAKERS B terminals to connect a second pair of front speakers. · This receiver is designed to produce optimum sound quality when speakers with impedances within the specified ranges are connected. Please check the following information and choose speakers with appropriate impedances for the connections. FRONT SPEAKERS: A or B: 6 ohms min./speaker SURROUND SPEAKERS: 6 ohms min./speaker CENTER SPEAKER: 6 ohms min. Connecting the speaker cable 1. Twist wire ends very tight.

10 mm NOTE: To prevent damage to circuitry, never short-circuit the positive (+) and negative (-) speaker wire. NO 2. Press down the lever. 3. Insert the wire into the hole.

4. Release the lever to replace it. Front Speakers A Active subwoofer R ch. L ch. Center Speaker + + + ANTENNA (REC) OUT SUB WOOFER PRE OUT R L MULT I CHANNEL I NPUT L R FRONT DIGITAL INPUT DIGITAL 2 (COAXIAL) AM CENTER SPEAKER MONITOR OUT SURROUND TAPE (PLAY) IN FM 75 DIGITAL 1 (OPTICAL) L SURROUND SPEAKERS R L AC OUTLETS AC 230V 50Hz SWITCHED TOTAL 100W MAX.

DVD IN SUB CENTER WOOFER R REMOTE CONTROL VIDEO-1 GND OUT IN FRONT SPEAKERS A B L L MODEL NO. TX-DS474 L VIDEO-2 IN R R L V R R PHONO CD + + + + R ch. R ch. L ch. L ch. Surround Speakers Front Speakers B · When you use only one speaker or wish to listen to monaural (mono) sound, a single speaker should never be connected in parallel to both the right and left channel terminals simultaneously. ++ R L ++ R L 10 Positioning speakers Positioning speakers Speaker placement plays an important role in the reproduction of Surround sound. The placement of the speakers varies depending on the size of the room and the wall coverings used in the room. The illustration shows an example of a layout for standard speaker placement. Refer to this example when you position the speakers in order to experience the best of Surround sound.

Fro spe nt ak Righ er t TV or Screen nt Fro er ak spe ft Le Subwoofer speaker Center speaker Standard speaker placement For ideal Surround effects, all speakers should be installed. If a center speaker or subwoofer is not connected, the sound from the unused channel is properly distributed to the connected speakers in order to produce the best Surround sound possible. Front: The left, right, and center speakers should face the seated listener and be placed at ear level. The center speaker produces a richer sound image by enhancing the perception of the sound's source and movement. Surround: Place the left and right Surround speakers 1 meter (3 feet) above the listener's ear level and facing toward the sides of the room, making sure that the listener is within the speakers' dispersion angle. These speakers produce the feel of a moving sound while creating the sensation of being in the middle of the action. Subwoofer: Install a subwoofer with a built-in power amplifier for powerful bass sounds. The placement of the subwoofer does not affect the final quality of the sound image too much, so you can install it with the room layout in mind. Refer to the speaker's instruction manual for more details. Surround speaker Left Listener Surround speaker Right Connecting the power Connecting the power 3.

STANDBY/ON button 2. POWER switch STANDBY indicator Display MASTER VOLUME STANDBY/ON PARAMETER SELECTOR · Before you plug in the receiver, confirm that all connections · Turning on this receiver's power may cause a momentary power surge, which might interfere with other electrical equipment, such as computers. If this happens, use a wall outlet on a different circuit. TREBLE have been made properly. STANDBY POWER PARAMETER CONTROLLER SCAN GROUP PRESET TUNING HIGH CURRENT DISCRETE OUTPUT STAGE AMPLIFIER ON OFF A SPEAKERS B SURROUND MODE MIDNIGHT THEATER DIMMER MEMORY FM MUTE / MODE CLEAR BASS PHONES MUL CH INPUT TI DVD VIDEO 1 VIDEO 2 TAPE(MONITOR) FM AM PHONO CD 1.

To wall AUDIO VIDEO CONTROL RECEIVER TX-DS474 outlet 3. POWER button POWER SLEEP DIMMER SUR MODE MULTI-CH INPUT DVD INPUT SELECTOR TAPE TUNER PHONO CD VIDEO-1 VIDEO-2 GROUP TUNER PRESET CD DVD 1. Plug the power cord into an AC wall outlet. 2. Press the POWER switch to set the receiver to Standby mode.

The STANDBY indicator will light up. 3. Press the STANDBY/ON button or POWER button on the remote controller to turn on the receiver. The display will light up and the STANDBY indicator will be turned off. If you press the STANDBY/ON button or POWER button on the remote controller again, the receiver returns to Standby mode. DISC TAPE CH SEL · You cannot use the remote controller if the POWER switch on TEST TONE MUTING VOLUME LEVEL · Set the volume level to minimum before you turn off the power to the unit. the receiver is set to OFF. REMOTE CONTROLLER RC-385S 11 Making antenna connections Connecting the antenna cable to the 75/300 ohm antenna adapter (Worldwide models) Outdoor antenna 300 ohms ribbon wire Indoor antenna Connecting the 300 ohm ribbon wire: Loosen the screws and wrap the wire around these screws. Then tighten the screws with a screwdriver. Connecting the coaxial cable: 1.

With your fingernail or a small screwdriver, press the stoppers outward and remove the cover.



[You're reading an excerpt. Click here to read official ONKYO TX-DS474 user guide](http://yourpdfguides.com/dref/481083)

<http://yourpdfguides.com/dref/481083>

Press MULTI-CH INPUT button on the remote controller. You cannot select any Surround mode. 2. Press the CH SEL button to select the desired speakers.
3.

Use the LEVEL / button to change the volume level of the speakers. You can adjust the volume level of each speaker individually. Adjust the level while listening to the sound in the listening position. You can adjust the level of the front, center, and surround speakers in the range between 12dB and +12dB. You can adjust the subwoofer level in the range between 30dB and +12dB.

POWER SLEEP DIMMER SUR MODE MULTI-CH INPUT CH SEL DVD INPUT SELECTOR TAPE TUNER PHONO CD VIDEO-1 VIDEO-2 GROUP TUNER PRESET TEST TONE CD DVD DISC TAPE CH SEL TEST TONE LEVEL MUTING VOLUME LEVEL REMOTE CONTROLLER RC-385S Switching between digital and analog inputs DVD Player TX-DS474 DIGITAL 2 (COAXIAL) DIGITAL 1 (OPTICAL) Either a digital or analog device can be connected to the digital connector. Follow the steps below to select digital or analog according to the type of the connected device. Assume that you have connected a DVD player to the DIGITAL 1 connector. 1. Press the Input Selector button (DVD) repeatedly to select "DVD DIG1.

" Pressing the DVD button repeatedly changes the display as shown in the illustration on the left. ANLG : Analog input DIG1 : Digital input (DIGITAL 1 (OPTICAL)) DIG2 : Digital input (DIGITAL 2 (COAXIAL)) If an analog device is connected, press the Input Selector button to select "ANLG." You can switch between digital and analog for the DVD, VIDEO1, 2, and CD input sources. To cancel a digital input assignment, press the corresponding input selector button until "ANLG" is displayed. Even when the digital inputs are used, the analog connecting cables must be left in place. Otherwise, the audio output from TAPE OUT and VIDEO-2 will not work. (See page 7.) Warning: · Do not play CD-ROM discs that contain computer data as they may damage the speakers when the sound is amplified by the receiver. 1 DVD DVD ANLG DVD DIG1 DVD DIG2 2 DIGITAL 1 17 Selecting a sound source Speakers selector (SPEAKERS A, B) SPEAKERS A: This button turns on or off the speakers connected to the FRONT SPEAKERS A, CENTER SPEAKER, SURROUND SPEAKERS and SUBWOOFER terminals. When you select Dolby Pro Logic, Hall, Live, or Multi-CH INPUT, be sure to turn on SPEAKERS A.

When the speakers are turned on, the SPEAKERS A indicator lights up. SPEAKERS B: This button turns on or off the speakers connected to the FRONT SPEAKERS B terminals. When the speakers are turned on, the SPEAKERS B indicator lights up. Note: You cannot use the A and B speakers simultaneously.

Adjusting the tone (BASS, TREBLE) Treble and bass adjustment is effective only for the Front speakers and headphones. BASS: Boosts or cuts the bass response. TREBLE: Boosts or cuts the treble response. Listening through headphones (PHONES) You can connect stereo headphones to the PHONES jack using a standard stereo plug. If you connect headphones, the unit will enter STEREO mode automatically, and no sound will be produced from the speakers. If you have selected MULTI-CH INPUT, you will hear sound only from the FRONT L and R channels.

18 Selecting a sound source Sleep function (Remote controller only) The sleep timer can turn off the power to the system after a specified time period. To set up this function, use the remote controller supplied with this receiver. 1. Start playing the source you would like to listen to (CD, tape, or radio broadcast). 2. Press the SLEEP button repeatedly to set the duration of time after which you want the system to turn off. The longest timer value you can set is 90 minutes.

Pressing the SLEEP button each time reduces the time value in 10-minute increments. When the specified time comes, the power will be switched off automatically. Disabling the Sleep function Press the SLEEP button until it returns to the selected input source name. or The timer setting will be cancelled if you turn off the power to the unit. Temporary muting (MUTING) (Remote controller only) Press the MUTING button on the remote controller. The MUTING indicator will light and the sound from the speakers or headphones will be switched off by the receiver's audio muting circuits. To cancel, · press the MUTING button again, or · turn the power off, then turn it on again. 19 To enjoy Surround mode or Stereo mode 2.

SURROUND MODE button This button allows you to select a Surround mode. MIDNIGHT THEATER button Use this button to play sound in Dolby Digital mode (refer to page 21). VOLUME knob Use this knob to adjust the volume level. MASTER VOLUME STANDBY/ON PARAMETER SELECTOR STANDBY PARAMETER CONTROLLER POWER TUNING SCAN GROUP PRESET ON OFF A SPEAKERS B SURROUND MODE MIDNIGHT THEATER DIMMER MEMORY FM MUTE / MODE CLEAR BASS TREBLE TI MUL CH INPUT DVD VIDEO 1 VIDEO 2 TAPE(MONITOR) FM AM PHONO CD PHONES TX-DS474 1. Input selector buttons Select the desired input source.

ER W PO VD D -1 EO D VI C ER O M R ON IM T D TO H CP SE P LE R ER E N PR EE SE E TU SL T UN PU T IN P U PE O TA R G VD D -2 EO D VI 2.

SUR MODE button This button allows you to select a Surround mode. C IS D D RE SUOD M H -C TI T UL PU M IN VOLUME button (up/down) Use this button to adjust the volume level. PE TA H C L SE C D This receiver has five Surround modes. Select a suitable mode according to the type of music you are listening to, the media used, and your personal preference. The selected surround mode is automatically stored along with the selected source. Next time you select the same source again, the stored surround mode will be automatically recalled. Surround Modes Before using a Surround mode, make sure the Speaker Setup parameters have been set (refer to page 14). Once the parameters have been set, it is not necessary to set them again. DOLBY DIGITAL Dolby Digital Surround mode is used to decode media such as DVD discs bearing the mark and Dolby Digital broadcasts.

Dolby Digital is a new-generation digital audio format for multichannel surround audio. Adding to the conventional five full range channels, Dolby Digital supports one LFE (Low Frequency Effects) channel, which is used solely for correcting the bass range by using an independent subwoofer. Dolby Digital is sometimes referred to as 5.1-channel format since this LFE channel is calculated as 0.1.

DOLBY PRO LOGIC In Dolby Surround mode, video tapes and laser discs bearing the trademark are decoded to reproduce the multi-channel Surround sound of a movie theater. DIGITAL TE O EM R ER LL O TR N O C ST E TEON T L VE LE TI U M G N S 85 -3 C R E M LU VO 1. INPUT SELECTOR buttons Select the desired input source. Dolby Pro Logic Surround provides four channels of surround sound (Left/Right front, Center, and monaural Surround channels), with importance placed on the Center speaker.



[You're reading an excerpt. Click here to read official ONKYO TX-DS474 user guide](http://yourpdfguides.com/dref/481083)

<http://yourpdfguides.com/dref/481083>

HALL This mode simulates the atmosphere of a concert hall.

Suitable for classical music. LIVE This mode reproduces the acoustics of a live performance. **ARENA Surround** This mode recreates the atmosphere of a concert in a domed stadium. **STEREO** Select this mode when you do not wish to use the surround mode. All input sound is output from the front speakers. **DOLBY SURROUND PRO LOGIC 20** To enjoy Surround mode or Stereo mode Selecting a Surround mode 1. Press an Input Selector button to select the desired sound source. 2. Press the **SURROUND MODE** button repeatedly until the desired Surround mode name appears. The display changes in the order shown on left each time you press the button.

· If you are using the remote controller, press the **SUR MODE** button to select the desired Surround mode. · If **DOLBY PRO LOGIC** is selected during playback of a **DOLBY DIGITAL** source, the Surround mode automatically changes to **DOLBY DIGITAL** and the **DOLBY DIGITAL** indicator lights up on the display. · If you have set the surround speaker parameter for the speaker setup (see page 14) to "NO," **STEREO** or **3 STEREO** will be selected for Surround mode 3. Play the selected sound source. **SURROUND MODE** Dolby Pro Logic / Dolby Digital Stereo / Dolby Digital (Stereo) Live Arena Hall Setting the Surround mode parameters **Midnight Theater** If you play a movie at a low volume at night, set this parameter to "ON" to narrow the dynamic range of the sound to make it easier to hear. The **Midnight Theater** function works only with source material that contains necessary Dolby Digital information. Press the **MIDNIGHT THEATER** button. The **MIDNIGHT THEATER** indicator appears on the display. To cancel the **MIDNIGHT THEATER** function, press the **MIDNIGHT THEATER** button again. **TREBLE MIDNIGHT THEATER MASTER VOLUME STANDBY/ON PARAMETER SELECTOR STANDBY POWER PARAMETER CONTROLLER SCAN GROUP PRESET TUNING HIGH CURRENT DISCRETE OUTPUT STAGE AMPLIFIER ON OFF A SPEAKERS B SURROUND MODE MIDNIGHT THEATER DIMMER MEMORY FM MUTE / MODE CLEAR BASS** · The **Midnight Theater** function is available only in **Dolby Digital Surround mode**.

LFE (Low Frequency Effect) Level Attenuation If the bass range is too loud, set this parameter to "10 dB" to decrease the Low Frequency Effect in the low-frequency channel by 10 dB. Use the **Speaker Setup** procedure described on page 14 to switch the LFE level between 0dB and 10dB. **PHONES MUL CH INPUT TI DVD VIDEO 1 VIDEO 2 TAPE(MONITOR) FM AM PHONO CD AUDIO VIDEO CONTROL RECEIVER TX-DS474** · The LFE Level Attenuation function is available only in **Dolby Digital Surround mode**. 21 Tuning in a radio station **TUNING ® MASTER VOLUME STANDBY/ON PARAMETER SELECTOR STANDBY POWER PARAMETER CONTROLLER SCAN GROUP PRESET TUNING HIGH CURRENT DISCRETE OUTPUT STAGE AMPLIFIER ON OFF A SPEAKERS B SURROUND MODE MIDNIGHT THEATER DIMMER MEMORY FM MUTE / MODE CLEAR BASS TREBLE PHONES MUL CH INPUT TI DVD VIDEO 1 VIDEO 2 TAPE(MONITOR) FM AM PHONO CD AUDIO VIDEO CONTROL RECEIVER TX-DS474 FM AM FM MUTE/MODE 1 FM AM SPEAKERS A SPEAKERS A Manual tuning 1. Press the FM or AM button.**

2. Use the **TUNING /®** buttons to change the frequency. ® (up) ...

.....

·the frequency increases. (down)

·the frequency decreases. · The frequency changes in 50 kHz steps in FM and 10 kHz (or · In FM, if this button is held continuously for more than 0.5 sec9 kHz) in AM each time you press the **TUNING /®** button. 2nds, the frequencies are scanned automatically (FM auto tuning mode).

When a broadcast is received, scanning stops. 2 **TUNING SPEAKERS A FM MUTE 2 VIDEO TUNED FM STEREO** Receiving RDS (European model only) When an RDS (Radio Data System) station broadcasting PS (Program Service Name) information is received, the RDS indicator lights up and the name of the station is displayed. MHz · RDS reception is only available on the European model, and only in areas where RDS broadcasts are available. Listening to a stereo radio station (FM mode) **MEMORY FM MUTE / MODE CLEAR** When you tune in a stereo FM station, the **FM STEREO** indicator lights up if the signal is sufficiently strong. If the signal is weak, it may be impossible to tune in to the desired station.

In this case, tune in as follows. Press the **FM MUTE/MODE** button. The **FM MUTE** indicator turns off. At this time, the station will be in mono and interstation noise will be heard. Select the station to which you want to listen. 22 Using preset radio stations **SCAN GROUP AM FM TUNING ® POWER SLEEP DIMMER SUR MODE MULTI-CH INPUT DVD MASTER VOLUME INPUT SELECTOR TAPE TUNER PHONO CD STANDBY/ON PARAMETER SELECTOR GROUP BASS TREBLE VIDEO-1 VIDEO-2 GROUP TUNER PRESET CD DVD TUNER PRESET ® STANDBY POWER PARAMETER CONTROLLER SCAN GROUP PRESET TUNING DISC HIGH CURRENT DISCRETE OUTPUT STAGE AMPLIFIER ON OFF A SPEAKERS B SURROUND MODE MIDNIGHT THEATER DIMMER MEMORY FM MUTE / MODE CLEAR TAPE CH SEL TEST TONE PHONES MUL CH INPUT TI DVD VIDEO 1 VIDEO 2 TAPE(MONITOR) FM AM PHONO CD LEVEL AUDIO VIDEO CONTROL RECEIVER MUTING VOLUME TX-DS474 REMOTE CONTROLLER RC-385S PRESET ® MEMORY FM MUTE/MODE 2 SPEAKERS A Programming radio stations FM MUTE 2 VIDEO TUNED FM STEREO MEMORY GROUP A MEMORY FM MUTE / MODE CLEAR MHz CH 3 SCAN GROUP SPEAKERS A FM MUTE 2 VIDEO TUNED FM STEREO MEMORY GROUP B MHz CH 1. Select the frequency that you want to store in the memory. (See Tuning in a radio station on page 22.) 2. Press the **MEMORY** button.**

The **MEMORY** indicator will light up for eight seconds. 3. While the **MEMORY** indicator is lit, press the **GROUP** button to choose the desired group. The group shown on the display changes in the following order each time the button is pressed: **GROUP A GROUP B GROUP C** 4. Select the desired memory number using **PRESET /®** button. 5. Press the **MEMORY** button. 4 **PRESET SPEAKERS A FM MUTE 2 VIDEO TUNED FM STEREO GROUP B MHz CH** · Since ten AM or FM stations can be stored in each group (A, B or C), a total of 30 stations can be stored in the memory. 5 **MEMORY FM MUTE / MODE CLEAR 1 FM AM Remote controller** Selecting a preset station 1. Select the tuner as the source by pressing the **AM** or **FM** input selector button on the main unit.

2. Press the **GROUP** button until the desired group is displayed. 3. Enter the desired preset number using the **PRESET** and ® buttons or press the **SCAN** button to scan through the preset stations. If the **SCAN** button is pressed, each station stored in the selected group will be played for five seconds. When the desired station is found, press the **SCAN** button again to stop scanning. Remote controller operation 1. Select the tuner as the source by pressing the **TUNER** input selector button on the remote controller.



[You're reading an excerpt. Click here to read official ONKYO TX-DS474 user guide](http://yourpdfguides.com/dref/481083)

<http://yourpdfguides.com/dref/481083>

2. Press the GROUP button until the desired group is displayed.

3. Press the PRESET (or Ⓜ) button. TUNER 2 Remote controller SCAN GROUP 3 Remote controller PRESET or SCAN GROUP PRESET Cancelling preset stations MEMORY FM MUTE / MODE SPEAKERS A FM MUTE 2 VIDEO TUNED FM STEREO GROUP B CLEAR MHz CH 1. Select the preset station you wish to remove as explained in the previous section. 2. Press the FM MUTE/MODE button while holding down the MEMORY button. " " appears on the channel display. · Once the preset station has been cancelled, the memory location can be used to store another station. 23 Recording a source 1 STANDBY/ON STANDBY 2 MASTER VOLUME Recording an audio source Make all connections between the tape deck and the receiver as shown in the "Audio equipment connections" diagram (page 6). 1.

Insert a blank tape into the tape deck. 2. Press the input selector button for the source you want to record. · If you select DVD, VIDEO-1 or VIDEO-2, only the audio will be recorded. · If you select FM or AM, set the tuner to the station you want to record. 3. Set the tape deck in recording mode. Start playing the source. Set the proper recording level using the controls on the tape deck. PARAMETER SELECTOR POWER PARAMETER CONTROLLER SCAN GROUP PRESET TUNING HIGH CURRENT DISCRETE OUTPUT STAGE AMPLIFIER ON OFF A SPEAKERS B SURROUND MODE MIDNIGHT THEATER DIMMER MEMORY FM MUTE / MODE CLEAR BASS TREBLE PHONES MUL CH INPUT TI DVD VIDEO 1 VIDEO 2 TAPE(MONITOR) FM AM PHONO CD AUDIO VIDEO CONTROL RECEIVER TX-DS474 1-3 Turntable Tape deck (TAPE) CD player VCR, VDP DVD 3 · Please read the corresponding instruction manuals for more information on how to operate the corresponding equipment.

2 DVD VIDEO 1 VIDEO 2 FM AM PHONO CD Monitoring If the tape deck has three heads, the signal just recorded can be monitored: Press the TAPE (MONITOR) button. The TAPE MONITOR indicator appears on the display. To stop monitoring, press the TAPE (MONITOR) button again. The TAPE MONITOR indicator turns off. TAPE(MONITOR) · You cannot use the monitor function with the MULTI-CH · Refer to the tape deck's instruction manual for more details.

INPUT button turned on. 24 Recording a source 1 MASTER VOLUME STANDBY/ON PARAMETER SELECTOR STANDBY Recording data from a video disc player (or a video camcorder) to VCR POWER PARAMETER CONTROLLER SCAN GROUP PRESET TUNING Video disc programs can be recorded onto a VCR (VIDEO-2). BASS TREBLE CD HIGH CURRENT DISCRETE OUTPUT STAGE AMPLIFIER ON OFF A SPEAKERS B SURROUND MODE MIDNIGHT THEATER DIMMER MEMORY FM MUTE / MODE CLEAR PHONES MUL CH INPUT TI DVD VIDEO 1 VIDEO 2 TAPE(MONITOR) FM AM PHONO AUDIO VIDEO CONTROL RECEIVER TX-DS474 2 1-3 1-3 1. Load a disc in the video disc player or DVD player, and insert a blank tape in the VCR (VIDEO-2). 2.

Press the VIDEO-1 or DVD button. 3. Start playing the video disc player and recording on the VCR. · Refer to the Video equipment connections section on the page 7. VCR (VIDEO-2) VDP, DVD player (VIDEO-1) DVD 2 VIDEO 1 or 1 STANDBY/ON STANDBY 3 4 MASTER VOLUME Adding new sound to a video tape during video editing PARAMETER SELECTOR POWER PARAMETER CONTROLLER SCAN GROUP PRESET TUNING HIGH CURRENT DISCRETE OUTPUT STAGE AMPLIFIER ON OFF A SPEAKERS B SURROUND MODE MIDNIGHT THEATER DIMMER MEMORY FM MUTE / MODE During video tape editing, you can add sound to the recording VCR from various audio program sources. TREBLE CLEAR BASS PHONES MUL CH INPUT TI DVD VIDEO 1 VIDEO 2 TAPE(MONITOR) FM AM PHONO CD AUDIO VIDEO CONTROL RECEIVER TX-DS474 1-5 Turntable VDP, VCR, DVD (VIDEO-1) 2-5 CD player 5 1. Insert the disc or tape that you want to record into the player connected to VIDEO-1. 2. Insert a blank video tape in the VCR connected to VIDEO-2. 3.

Press the VIDEO-1 button. 4. Select the audio program source (FM, AM, PHONO, CD). 5. Start playing the video connected to the VIDEO-1 terminal and start playing the sound source. Then, start recording on the VCR that is connected to the VIDEO-2 terminal. · Refer to the video disc player, video camcorder, DVD or VCR instruction manuals for additional information. VCR (VIDEO-2) 3 VIDEO 1 4 FM AM PHONO CD 25 Troubleshooting guide If a problem occurs while you are using the remote controller, first try to operate the front panel controls on the main unit to make sure that it is not due to a malfunction (or worn out batteries) in the remote controller. Trouble No power. Cause Remedy See page 11 11 · · · · · Power cord is disconnected.

There is external noise in the computer circuits of this unit. AC fuse blown. TAPE MONITOR indicator is lit. MUTING indicator is lit. Bad connections. Amplifier protection circuitry has been activated. ('PROTECT' will be displayed.) Speaker cable is not corrected. SURROUND MODE button is set to STEREO. CENTER level is set to minimum.

CENTER SPEAKER is set to NO. Poor or no input ground. Poor or no phono motor ground. The placement of the audio connection cables on the rear panel is incorrect. Turntable together. and speakers are too close · · · · · Connect power cord. Turn the power button off and then on again or remove the AC plug from the outlet and then plug it again. Contact your Onkyo Service Center. Press the TAPE (MONITOR) button. Press the MUTING button on the remote controller to turn it off.

Check connections, speaker leads, etc. Contact your Onkyo Service Center. Check the connection between the amplifier and the speaker. Set the SURROUND MODE button to DOLBY PRO LOGIC, HALL, LIVE or ARENA. Set the CENTER level to the appropriate volume. Set CENTER SPEAKER to YES. Check outer conductor of input plugs. Check for proper ground connection. Adjust the placement of the cable to reduce hum. Move them farther apart. Replace. Clean. Turn treble control down. Connect the included AM loop antenna to the AM antenna terminals. Move the AM loop antenna to different position.

Set up an outdoor AM antenna. Place the AM loop antenna as far as possible from the TV. Move unit away from TV set. Move antenna as far as possible from the fluorescent lamp. Install an FM outdoor antenna as far as possible from the road.

Change the position or direction of the outdoor antenna. Change to T-shaped antenna. Use antenna which has better directivity and select a point where the distortion is least. Install an outdoor FM antenna.



[You're reading an excerpt. Click here to read official ONKYO TX-DS474 user guide](http://yourpdfguides.com/dref/481083)
<http://yourpdfguides.com/dref/481083>

Change the position or direction of the outdoor antenna. The memory contents are lost. Store all stations again. Insert batteries. Replace batteries. Set it to the playback source.

Power on but no sound. 16 19 10 No sound from the center speaker, or very minimal sound. 10 21 15 14 6 6 Hum, low-frequency noise. Howling when the volume is turned up. Rough or scratchy sound. High range is not clear. AM stations received. cannot be Stylus of turntable pick-up is worn. Turntable stylus tip is dirty. Treble control too high.

AM loop antenna is not attached. Noise from electrical apparatus such as fluorescent lamp. Noise from TV set. 12 13 13 13 Buzzing noise on AM (particularly conspicuous at night or with weak stations). High-pitched noise or buzzing noise on AM.

Crackling noise on AM, FM. Noise caused by turning fluorescent lamp on and off. Noise from automobile ignition. 13 TUNED and STEREO indicators light but sound is distorted and stereo separation is bad. TUNED and STEREO indicators flicker and hiss is heard on FM.

No station is recalled when a SCAN button is pressed. Front panel controls function but remote controller does not. The sound of the playback source is not heard. Station is too strong. Multiple reflection of the radio waves because of tall buildings or mountains. Station is too weak. @@@@No batteries in remote controller. Batteries have worn out. @@@@70 watts min. RMS at 6 ohms, 2 channels driven from 1 kHz with no more than 0.

1% total harmonic distortion. Continuous Power output (DIN) 75 watts × 5 at 6 ohms Maximum Power output (EIAJ) 100 watts × 5 at 6 ohms Total Harmonic Distortion: 0.08% at rated power (Front) IM Distortion: 0.08% at rated power (Front) Damping Factor: 60 at 8 ohms (Front) Input Sensitivity and Impedance PHONO: 2.5 mV, 50 kohms LINE (CD, TAPE, DVD, VIDEO-1, 2): 200 mV, 50 kohms MULTICHANNEL INPUT (FRONT L/R, SURROUND L/R, CENTER): 200 mV, 50 kohms (SUBWOOFER): 36 mV, 50 kohms DIGITAL-2 (COAXIAL): 0.5 Vp-p, 75 ohms VIDEO IN (DVD, VIDEO-1, 2): 1 Vp-p, 75 ohms Output Level and Impedance Rec out (TAPE, VIDEO-2): 200 mV, 2.2 kohms Pre out (SUBWOOFER): 1 V, 2.2 kohms VIDEO OUT (VIDEO-2, MONITOR): 1 Vp-p, 75 ohms Phono Overload: 110 mV RMS at 1 kHz, 0.5% T.H.

D. Frequency Response: 20 Hz to 30 kHz, ±1 dB RIAA Deviation: 20 Hz to 20 kHz, ±0.8 dB Tone Control Bass: ±10 dB at 100 Hz Treble: ±10 dB at 10 kHz Signal-to-Noise Ratio Phono: 80 dB (IHF A, 5 mV input) CD/Tape: 100 dB (IHF A) IF Rejection Ratio: Signal-to-Noise Ratio Mono: Stereo: Alternate Channel Attenuation: Selectivity: AM Suppression Ratio: Total Harmonic Distortion Mono: Stereo: Frequency Response: Stereo Separation: 90 dB 73 dB 67 dB 55 dB 50 dB (DIN) 50 dB 0.15% 0.25% 30 Hz -- 15 kHz, ±1.

5 dB 45 dB at 1 kHz 30 dB at 100 Hz -- 10 kHz AM Tuning Range U.S.A. & Canadian models: 530--1,710 kHz (10 kHz steps) European & Australian 522--1,611 kHz (9 kHz steps) models: Worldwide models: 531--1,602 kHz (9 kHz steps), 530--1,710 kHz (10 kHz steps) Usable Sensitivity: 30 µV Image Rejection Ratio: 40 dB IF Rejection Ratio: 40 dB Signal-to-Noise Ratio: 40 dB Total Harmonic Distortion: 0.7% GENERAL Power Supply: AC 120 V, 60 Hz AC 230 V, 50 Hz AC 220-230 V and 120 V switchable, 50/60 Hz 3.

3 A 240 W 435 × 150 × 324 mm 17-1/8" × 5-7/8" × 12-3/4" 9.5 kg, 20.9 lbs. 10.7 kg, 23.6 lbs. Power Consumption: Dimensions (W × H × D): Weight: REMOTE CONTROL Transmitter: Signal range: Power supply: Infrared Approx. 5 meters, 16 ft. Two "AA" batteries (1.5 V × 2) VIDEO SECTION Signal sensitivity and impedance: 1 Vp-p, 75 ohms (DVD, VIDEO-1, VIDEO-2 input, output) Specifications and features are subject to change without notice.

Power supply and voltage vary depending on the area in which the unit is purchased. TUNER SECTION FM Tuning Range: Usable Sensitivity Mono: Stereo: 50 dB Quieting Sensitivity Mono: Stereo: Capture Ratio: Image Rejection Ratio U.S.A. & Canadian models: Other area models: 87.5 -- 108.0 MHz 11.2 dBf, 1.0 µV (75 ohms) 18.2 dBf, 2.

2 µV (75 ohms) 18.2 dBf, 2.2 µV (75 ohms) 39.2 dBf, 24 µV (75 ohms) 1.5 dB 40 dB 85 dB 27 Control positions and names 1 2 3 4 5 6 7 8 9 10 MASTER VOLUME STANDBY/ON PARAMETER SELECTOR STANDBY POWER PARAMETER CONTROLLER SCAN GROUP PRESET TUNING HIGH CURRENT DISCRETE OUTPUT STAGE AMPLIFIER ON OFF A SPEAKERS B SURROUND MODE MIDNIGHT THEATER DIMMER MEMORY FM MUTE / MODE CLEAR BASS TREBLE PHONES MUL CH INPUT TI DVD VIDEO 1 VIDEO 2 TAPE(MONITOR) FM AM PHONO CD AUDIO VIDEO CONTROL RECEIVER TX-DS474 18 17 16 15 14 13 12 11 a b c d e f g h i j k l m Display LIVE DOLBY PRO LOGIC HALL DOLBY DIGITAL ARENA STEREO MIDNIGHT THEATER TUNED FM STEREO SPEAKERS A B MUTING FM MUTE TAPE MONITOR VIDEO 1 2 DVD DIGITAL 1 2 RDS MEMORY GROUP ABC SLEEP MIN kHz MHz mSEC CH dB n Front panel For more information about buttons or knobs, refer to the pages listed in the brackets ([]) below.

1. STANDBY/ON button [9, 11] 2. POWER switch [9, 11] 3. SPEAKERS A/B button [16, 18] 4. STANDBY indicator [5, 11] 5.

Remote control sensor [5] 6. TUNER operation buttons SCAN button [23] GROUP button [23] PRESET button [23] TUNING UP/DOWN buttons [22, 23] FM MUTE/MODE button [22, 23] MEMORY button [23] 7. Display (Refer to the "Display" illustration.) 8. PARAMETER SELECTOR buttons [14, 15] 9. PARAMETER CONTROLLER buttons [14, 15] 10. MASTER VOLUME control knob [16] 11. TREBLE control knob [16, 18] 12. BASS control knob [16, 18] 13. DIMMER button [16] 14.

MIDNIGHT-THEATER button [20, 21] 15. SURROUND MODE button [20, 21] 16. Input selector buttons [16, 20, 21] 17. MULTI CHANNEL INPUT button [17] 18. PHONES jack [18] Display If a protective film on the surface of the screen making it difficult to read the display, remove the film. a. MIDNIGHT THEATER indicator b. Surround Mode indicators c. Tape Monitor indicator d. Speakers A/B indicators e.

Audio Mute indicator f. Video input selector indicators g. FM Mute On/Off indicator h. Tuned indicators i. FM Stereo indicator j.

RDS station received indicator (European model only) k. Memory indicator l. Group indicators m. Sleep indicator n. Multi function display (Frequency and Preset station/Input selector/Sleep time/ Volume level) 28 Remote controller RC-385S 7 8 POWER SLEEP DIMMER SUR MODE MULTI-CH INPUT 1 2 3 9 DVD INPUT SELECTOR TAPE TUNER PHONO CD VIDEO-1 VIDEO-2 GROUP TUNER PRESET 10 CD DVD DISC 4 11 12 TEST TONE TAPE CH SEL 13 5 LEVEL MUTING VOLUME 1.

Power button (POWER) [11] 2. Sleep button (SLEEP) [16, 19] 3. Input selector buttons [16] (Video 1, 2, PHONO, CD, DVD, TAPE) 4.



[You're reading an excerpt. Click here to read official ONKYO TX-DS474 user guide](http://yourpdfguides.com/dref/481083)
<http://yourpdfguides.com/dref/481083>