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You can read the recommendations in the user guide, the technical guide or the installation guide for ONKYO A-5VL. You'll find the answers to all your questions on the ONKYO A-5VL in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual ONKYO A-5VL
User guide ONKYO A-5VL
Operating instructions ONKYO A-5VL
Instructions for use ONKYO A-5VL
Instruction manual ONKYO A-5VL

ONKYO.

Integrated Amplifier
A-5VL
Instruction Manual

Thank you for purchasing an Onkyo A-5VL Integrated Amplifier.
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 A-5VL.
Please retain this manual for future reference.

Contents

Important Safety Instructions	2
Precautions	3
Features	4
Before Using This Product	5
Connecting to Other Devices	10
Enjoying Audio Sources (Operating the Unit)	15
Troubleshooting	17
Appendix	18



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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. 2. 3. 4. 5. 6. 7.

Read these instructions. Keep these instructions. Heed all warnings. Follow all instructions. Do not use this apparatus near water.

Clean only with dry cloth. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions. 8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.

9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet. 10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus. 11. Only use attachments/accessories specified by the manufacturer.

12. Use only with the cart, stand, PORTABLE CART WARNING tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/ apparatus combination to avoid injury from tip-over. S3125A 13. Unplug this apparatus during lightning storms or when unused for long periods of time. 14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped. 15. Damage Requiring Service Unplug the apparatus 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 apparatus, C. If the apparatus has been exposed to rain or water, D. If the apparatus 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 apparatus to its normal operation, E.

If the apparatus has been dropped or damaged in any way, and F. 16. 17. 18. If you install the apparatus 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 apparatus shall be set 10 cm (4") away from the rear panel or wall, creating a flue-like gap for warm air to escape. 2 Precautions 1. Recording Copyright--Unless it's for personal use only, recording copyrighted material is illegal without the permission of the copyright holder. 2. AC Fuse--The AC fuse inside the unit is not user serviceable. If you cannot turn on the unit, contact your Onkyo dealer. 3. Care--Occasionally you should dust the unit all over with a soft cloth.

For stubborn stains, use a soft cloth dampened with a weak solution of mild detergent and water. Dry the unit immediately afterwards with a clean cloth.

Don't use abrasive cloths, thinners, alcohol, or other chemical solvents, because they may damage the finish or remove the panel lettering. 4. Power 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 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. WARNING BEFORE PLUGGING IN THE UNIT FOR THE FIRST TIME, READ THE FOLLOWING SECTION CAREFULLY. AC outlet voltages vary from country to country. Make sure that the voltage in your area meets the voltage requirements printed on the unit's rear panel (e.

g., AC 120 V, 60 Hz or AC 220-240 V, 50/60 Hz). The power cord plug is used to disconnect this unit from the AC power source. Make sure that the plug is readily operable (easily accessible) at all times. Pressing the [POWER] button to select OFF mode does not fully shutdown the unit.

5. 6. This is normal. Check for the ASTA mark or the BSI mark on the body of the fuse. GROEBENZELL, GERMANY K.

MIYAGI ONKYO EUROPE ELECTRONICS GmbH 3 Features - Exclusive Onkyo VLSC Technology - Independent Transformers for L/R Channels - New Custom-Designed, Audio Tuned Reference Capacitors - Low-Impedance, Copper Bus Plates for Perfect Ground Potential - 40 W/Ch into 8 (FTC)-North American model, 60 W/Ch into 4 (IEC)-European, other models - 2 High-Grade 192 kHz/24-Bit D/A Converters - Optimum Gain Volume Circuitry - Precision Motor-Driven Volume Control - Tone Control (Bass/Treble On/Off) - Direct Mode - Discrete Phono Equalizer Circuitry - 4 Audio Inputs and 1 Output - Phono Input (MM/MC) - 2 Digital Inputs (Optical/Coaxial) - 19 mm(3/4")-pitch Audio Terminals for High-Grade Cable - Speaker A/B Drive - Gold-Plated Transparent Speaker Posts - Bi-Amping Capability - Hi-Rigidity, Anti-Resonant Chassis - Aluminum Front Panel and Volume Knob - Headphone Jack - Compatible with Onkyo RI-Dock for the iPod* - Heavy-Duty Inlet Power Cord - RI-Compatible Remote Control *Depending on the model Table of Contents

Important Safety Instructions

.....

.....

.....

. 2 Precautions

.....

.....

.....

.....

.....

.....

.....

... 3 Features.....

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

. 4 Before Using This Product

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

..... 5 Check the Supplied Accessories ..

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

..... 5 Getting the Remote Controller Ready.....

.....
.....

.... 5 Names of Each Part

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

. 6 Remote Controller....

.....
.....

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

8 Using the Remote Controller

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

.. 9 Connecting to Other Devices.....

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

.... 10 Precautions for Making Connections

.....
.....

.. 10 Connecting Speakers.....

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

.... 10 Connecting Audio Components

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

. 11 Connecting the Power Cord

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

... 14 Enjoying Audio Sources (Operating the Unit)

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

.....
.....

... 15 Adjusting the Tone and Left/Right Volume Balance.



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

..... *16 Recording .*
.....
.....
.....
.....
.....
.....

..... *16 Troubleshooting.*
.....
.....
.....
.....
.....
.....

.. *17 Power.....*
.....
.....
.....
.....
.....
.....

..... *17 Audio.*
.....
.....
.....
.....
.....
.....

. *17 Remote controller....*
.....
.....
.....
.....

.... *17 Recording*
.....
.....
.....
.....
.....

.... 17 Appendix.....

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

..... 18 Specifications ..

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

.. 18 Block Diagram

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.....
.....
.....
.....
.....
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.... 19 4 Before Using This Product This section describes things to check and important information to know before using this product. Check the Supplied Accessories After opening the package, make sure that all the supplied accessories are included. - Remote controller (RC-751S)[1] - AA (R6) batteries

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....[2] (Not supplied with products for China.
) - Power cord (2 m / 6.5ft) European models

.... [2] Other models

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..... [1] (The shape differs depending on region.) Getting the Remote Controller Ready Press in the direction of the arrow and lift to remove the cover.

Close the cover. Insert the two supplied batteries, making sure to line up the plus and minus ends of the batteries with the symbols in the battery compartment. (The battery is not supplied with products for China.) If the remote controller becomes unresponsive, replace the batteries with two new dry-cell batteries (AA). - Be sure to insert the batteries correctly, in line with the charge symbols (and). - Avoid mixing new batteries with old batteries, or mixing battery types. @@POWER indicator Illuminates when the amp is on. @@@@SPEAKERS control This control s to pause playback. @@button Use this button to play back. button Use this button to skip to the beginning of the next track.

button Use this button to fast reverse. button Use this button to stop playback. button Use this button to fast forward. @@@@- Do not place objects such as books on top of the remote controller. @@MUTING button Temporarily set the audio to the minimum level.

@@There are two ways of connecting: analog and digital. @@@@- You can also output audio from both sets of speakers.

@@@@- Mixing up the connections will cause the audio to sound unnatural. @@Doing so could damage the unit or cause it to malfunction. When using only one speaker, or when playing back monaural audio, do not connect a single speaker to both the left and right speaker terminals. Caution Always turn off the unit before switching between MM and MC. - - Remove the short pins . 14 Enjoying Audio Sources (Operating the Unit) Turn on the component connected to the unit. Press the POWER button on the front of the unit to turn it on. The POWER indicator illuminates. Turn the VOLUME control to adjust the volume. @@@@When the volume is muted, the MUTING indicator illuminates. Press the MUTING button again to restore the original volume. @@@@A: Output audio from the speakers connected to SPEAKERS terminal A. B: Output audio from the speakers connected to SPEAKERS terminal B.

@@Start playback on the component selected in step three. 15 Enjoying Audio Sources (Operating the Unit)--Continued Adjusting the Tone and Left/Right Volume Balance Press the DIRECT button on the front of the unit to turn it off. Recording This section describes how to record audio when both a playback component and recording component are connected to the unit. Notes Manual tone adjustments using the BASS, TREBLE, and BALANCE controls are not reflected. Caution DIRECT off: Audio adjusted via the unit's BASS, TREBLE, and BALANCE controls is output. DIRECT on: Audio is output directly, without passing through the BASS, TREBLE, and BALANCE tone control circuits. Turn the BASS control to adjust the bass. Turn the TREBLE control to adjust the treble. Turn the BALANCE control to adjust the volume balance output from the left and right speakers. Unless you have the full consent of the copyright holder, copyright laws prohibit using your recordings for anything other than personal enjoyment! Turn the input selector control on the front of the unit to select the audio playback component.

Place the recording component into recording standby. Notes Notes Turn the BASS and TREBLE controls to the right to increase the bass and treble,

respectively. Although you can adjust the left and right volume using the BALANCE control, turning it all the way to the right or left will only reduce the volume from that speaker; it will not set the volume to zero. The controls should normally be kept in the center position. @@@@In very rare situations, however, severe interference, noise from an external source, or static electricity may cause it to lock up.

If this happens, turn off the unit, wait for about five seconds, and then turn it on again. Onkyo is not responsible for damages (such as CD rental fees) due to unsuccessful recordings caused by the unit's malfunction. Before you record important data, make sure that the material will be recorded correctly. - Power Problem No power Solution See Page Make sure that the power cord is properly plugged into the wall outlet. Also make 14 sure that the power cord is properly connected to the unit's AC inlet.

Unplug the power cord from the wall outlet, wait at least five seconds, and then plug it into the outlet again. The power is turned off, and the power indicator The protection circuit may have been activated. @@@@Make sure that the input device is selected correctly. @@Select MM or MC in accordance with the turntable type. Make sure that none of the cables are kinked or damaged. Make sure that the digital audio signal's format is supported. Do not bundle audio cables with power cords and the like, because doing so may degrade audio performance. An audio cable may be picking up interference. Try repositioning your cables. 10 10 See Page 15 15 11 13 There is no audio output from a digitally connected component Noise in the audio Remote controller Problem The remote controller does not work Solution Make sure that the batteries are installed with the correct polarity.

Install two new batteries. Make sure that the remote controller is not too far away from the unit, and that there is no obstruction between the unit and the remote controller. Make sure that the unit's remote control sensor is not exposed to bright light (inverted fluorescent light or direct sunlight). Make sure that the audio rack does not have colored or tinted glass. Doing so could prevent the remote controller from functioning properly. 5 5 9 9 See Page Recording Problem Can not record Solution Make sure that the correct input is selected on the recorder (e.g. digital or analog). See Page 17 Appendix Specifications Rated output Power : North America 40 watts minimum continuous power per channel, 8 ohm loads, 2 channels driven at 1 kHz, with a maximum total harmonic distortion of 0.8 % (FTC) 100 watts minimum continuous power per channel, 2 ohm loads, 2 channels driven at 1 kHz, with a maximum total harmonic distortion of 0.

8 % (FTC) Europe and Taiwan 40 W at 8 ohms, 2 ch driven, 1 kHz, 0.8 % THD (IEC) 80 W at 4 ohms, 2 ch driven, 1 kHz, 0.8 % THD (IEC) China 35 W at 8 ohms, 2 ch driven, 1 kHz, 0.7 % THD (IEC) 60 W at 4 ohms, 2 ch driven, 1 kHz, 0.7 % THD (IEC) : China and Taiwan 90 W at 4 ohms, 1 kHz, 2 ch driven (JEITA) : 115 W (3 , Front) 90 W (4 , Front) 45 W (8 , Front) : 0.



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08 % (1 kHz 1 W) : 60 (Front 1 kHz 8) : 200 mV/33 k(LINE) 2.4 mV/47 k(PHONO MM) : 200 mV/2.2 k(REC OUT) : 60 mV (MM 1 kHz 0.5 %) 6.0 mV (MC 1 kHz 0.5 %) : 5 Hz-60 kHz/+1 dB-3 dB (LINE) : +14 dB, -14 dB, 100 Hz (BASS) +12 dB, -12 dB, 10 kHz (TREBLE) +0 dB, -12 dB (BALANCE) : 100 dB (LINE, IHF-A) 65 dB (PHONO, IHF-A) : North America and Taiwan 2 16 (A or B), 4 16 (A + B) Others 4 16 (A or B), 8 16 (A + B) : OPTICAL 1 (Rear), COAXIAL 1 (Rear) : PHONO/CD/TUNER/TAPE/DOCK : TAPE : 2 (A, B) : 1 : North America and Taiwan AC 120 V, 60 Hz Others AC 220-240 V, 50/60 Hz 110 W : North America and Taiwan Others 75 W : 435 x 80 x 340 mm 17-1/8"×3-1/8"×13-3/8" : 10.2 kg (22.5 lbs) Maximum Output Power Dynamic Power THD (Total Harmonic Distortion) Damping Factor Input Sensitivity and Impedance Output Level and Impedance Phono Overload Frequency Response Tone Control Signal to Noise Ratio Speaker Impedance Digital Inputs Analog Inputs Analog Outputs Speaker Outputs Phones Power Supply Power Consumption Dimensions (WxHxD) Weight Specifications and features are subject to change without notice. 18 Appendix--Continued Block Diagram PHONO MM/MC CD SELECTOR IC and MAIN VOLUME Lch MUTE BALANCE BASS TREBLE SPEAKER SPEAKER SPEAKERS A SPEAKERS B A B RELAY RELAY MUTE BALANCE BASS TREBLE POWER AMP POWER AMP TUNER TAPE OUT TAPE IN PURE DIRECT DOCK IN Rch DIR COAX IN DAC VLSC OPT IN DAC VLSC HEADPHONE AMP SPEAKERS A SPEAKERS B HEADPHONE HEADPHONE AMP RI RI CONTROL HEADPHONE 19 Sales & Product Planning Div. : 2-1, Nisshin-cho, Neyagawa-shi, OSAKA 572-8540, JAPAN Tel: 072-831-8023 Fax: 072-831-8163 ONKYO U.S.A. CORPORATION 18 Park Way, Upper Saddle River, N.J. 07458, U.

S.A. Tel: 201-785-2600 Fax: 201-785-2650 <http://www.us.onkyo.com/> ONKYO EUROPE ELECTRONICS GmbH Liegnitzerstrasse 6, 82194 Groebenzell, GERMANY Tel: +49-8142-4401-0 Fax: +49-8142-4401-555 <http://www.eu.onkyo.com/> ONKYO EUROPE UK Office Suite 1, Gregories Court, Gregories Road, Beaconsfield, Buckinghamshire, HP9 1HQ UNITED KINGDOM Tel: +44-(0)1494-681515 Fax: +44(0)-1494-680452 ONKYO CHINA LIMITED Unit 1&12, 9/F, Ever Gain Plaza Tower 1, 88, Container Port Road, Kwai Chung, N.T., HONG KONG Tel: 852-2429-3118 Fax: 852-2428-9039 <http://www.ch.onkyo.com/> SN 29400048 (C) Copyright 2009 ONKYO CORPORATION Japan. All rights reserved.

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