



KAV-500i
Remote Control
Integrated Amplifier

Instructions for Use

Owner's Reference

KAV-500i

Remote Control

Integrated Amplifier

v 00.0

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CE Marking

This product complies with the EMC directive (89/336/EEC) and the low-voltage directive (73/23/EEC).

Introduction

Thank you for your purchase of the Krell KAV-500i Remote Control Integrated Amplifier. The KAV-500i is an ideal component for audiophiles who want the convenience of easily integrated components and who use advanced speaker systems that require substantial power to sound their best. The KAV-500i can be connected to high-end speakers or multi-room switchers that operate whole-house music systems. The Theater Throughput feature simplifies the integration of an audio/video surround sound processor into your system. The handheld remote provides convenient operation of the KAV-500i as well as of other Krell KAV components.

This owner's reference manual contains important information on placement, installation, and operation of the KAV-500i. Please read this information carefully. A thorough understanding of these details will help ensure satisfactory operation and long life for your KAV-500i and related system components.

Definition of Terms

Following are the definitions of key terms used in your owner's reference manual.

INPUT AND OUTPUT CONNECTIONS

Balanced

A symmetrical input or output circuit that has equal impedance from both input terminals to a common ground reference point. The industry standard for professional and sound recording installations, balanced connections have 6 dB more gain than single-ended connections and allow the use of long interconnect cables. Balanced connections are completely immune to induced noise from the system or the environment.

Single-ended

A two-wire input or output circuit. Use care when using single-ended connections as the ground connection is made last and broken first. Turn the system off prior to making or breaking single-ended connections. Single-ended connections are not recommended for connections requiring long cable runs.

OPERATION

Off

When the power button on the front panel or remote control is pressed and the blue power LED turns off, the component is off.

Operational Mode

When the power button on the front panel or remote control is pressed and the blue power LED illuminates, the component is in the operational mode and ready to play music.

Stand-by Mode

A low power consumption status that keeps the audio and regulator circuits at idle. Krell recommends leaving the component in the stand-by mode when it is not playing music.

Unpacking

1. Open the box and remove the top layer of foam. You will see these items:
 - 1 KAV-500i
 - 1 AC power cord
 - 1 12 VDC (12 V trigger) cable
 - 2 spare speaker (AGC-12) fuses
 - 1 KAV-500i remote control
 - 2 AAA-size 1.5 V batteries
 - 1 packet containing the Owner's Reference and the Warranty Registration Card
2. Carefully remove the unit and accessories from the box. Remove the protective foam end caps and plastic wrap from the unit.

Notes

If any of these items are not included, please contact your authorized Krell dealer or distributor immediately for assistance.

Save all packing materials. If you must ship your KAV-500i in the future, repack the unit in its original packaging to prevent transit damage.

THERE ARE NO USER SERVICEABLE PARTS INSIDE ANY KRELL PRODUCT

Please contact your authorized Krell dealer, distributor, or Krell, if you have any questions not addressed in this reference manual.

Placement

WARNINGS

The KAV-500i must be placed on a firm level surface where it is not exposed to dripping or splashing.

The ventilation grids on the top of the KAV-500i must be unobstructed at all times during operation. Do not place flammable material on top of, or beneath the component.

Before you integrate the KAV-500i into your system, review the following guidelines to properly place your component. This facilitates a clean, trouble-free installation.

The KAV-500i requires at least two inches (5 cm) of clearance on each side and at least two inches (5 cm) of clearance above to provide adequate ventilation. For installations inside cabinetry, extra ventilation may be necessary. The KAV-500i does not require a special rack or cabinet for installation. For the dimensions of the KAV-500i, see **Specifications**, on the back cover.

The KAV-500i is not hum-sensitive. Other components may be placed on or around the KAV-500i (make sure ventilation grids remain unobstructed).

Place the amplifier as close to the speakers as possible and keep speaker cable lengths to a minimum. Speaker cable adds impedance to the load the amplifier must drive, regardless of the cable's gauge. All Krell amplifiers drive the lowest impedances with ease, but long speaker cables reduce the maximum power that can be delivered to the speakers.

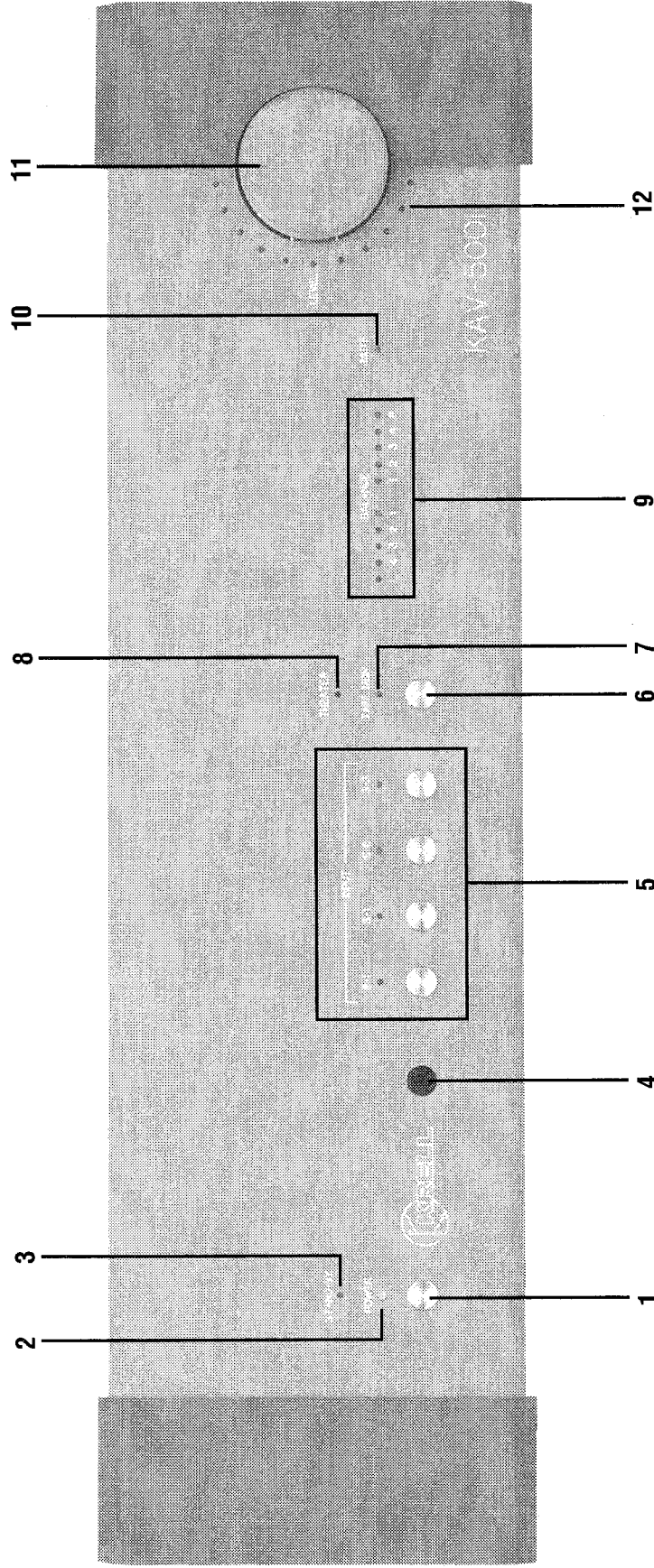
AC POWER GUIDELINES

The KAV-500i has superb regulation and does not require a dedicated AC circuit. Avoid connections through extension cords or multiple AC adapters. High quality 15 amp grounded AC strips are acceptable. High quality AC line conditioners or filters may be used if they are grounded and meet or exceed the unit's power supply rating of 2000 VA.

Power Cord

The KAV-500i amplifier should be operated only with the power cord supplied. Please contact your authorized Krell dealer, distributor, or Krell before using any devices designed to alter or stabilize the AC power for the KAV-500i.

FIGURE 1 THE KAV-500i FRONT PANEL



Power Functions

- 1 Power Button
- 2 Power LED
- 3 Stand-by LED
- 4 Infrared Sensor

Analog Devices

- 5 S-1, S-2, S-3, and B-1 Buttons and LEDs
- 6 Tape Button
- 7 Tape Mon LED

Mode Indicators

- 8 Theater LED
- 9 Balance LEDs
- 10 Mute LED

Volume Adjustment Functions

- 11 Control Knob
- 12 Level LEDs

Front Panel Description

See Figure 1 on page 4

The KAV-500i front panel provides basic power on/off, input selection, and volume control. Additional functions are accessed using the remote control. See **Remote Control Description**, on page 10.

Power Functions

1 Power Button

Use this button to turn the KAV-500i on and off and also to switch the 12 VDC output (12 V trigger) on and off.

2 Power LED

The blue power LED illuminates when the KAV-500i is on. The blue power LED also flashes when any remote control key is pressed.

3 Stand-by LED

The red stand-by LED illuminates when the KAV-500i is plugged into a standard AC wall receptacle, indicating that the amplifier is ready to be switched on.

4 Infrared Sensor

The infrared sensor receives commands from the KAV-500i remote control. For proper remote control operation, make sure the infrared sensor is clear of any obstructions.

Analog Devices

5 S-1, S-2, S-3, and B-1 Buttons and LEDs

Use these buttons to select an analog device (B-1) via an XLR connector or (S-1, S-2, or S-3) via single-ended RCA connectors. The selected button's LED illuminates.

6 Tape Button

Use this button to compare the output signal from a three-head analog tape recorder to the output signal from an audio source, when making a recording. See **Tape Input and Output**, on page 13.

7 Tape Mon LED

The red tape monitor LED illuminates when the tape monitor is activated. The tape monitor LED does not illuminate when an audio source is activated.

Mode Indicators

8 Theater LED

The red Theater Throughput LED illuminates when you select any of the inputs (S-1, S-2, S-3, or B-1) as a Theater Throughput source. To select an input for Theater Throughput, see **Optional Configurations**, on page 13.

Front Panel Description, *continued*

9 Balance LEDs

The red balance indicator LEDs illuminate when you shift balance to the left or the right channel. The LEDs stay illuminated if the balance is off center and turn off when the channels are centered. This function can only be accessed using the remote control.

10 Mute LED

The red mute LED illuminates when you press the mute key (28) on the remote control. Mute interrupts the signal of the input you have selected. To unmute, press mute again.

Volume Adjustment Functions

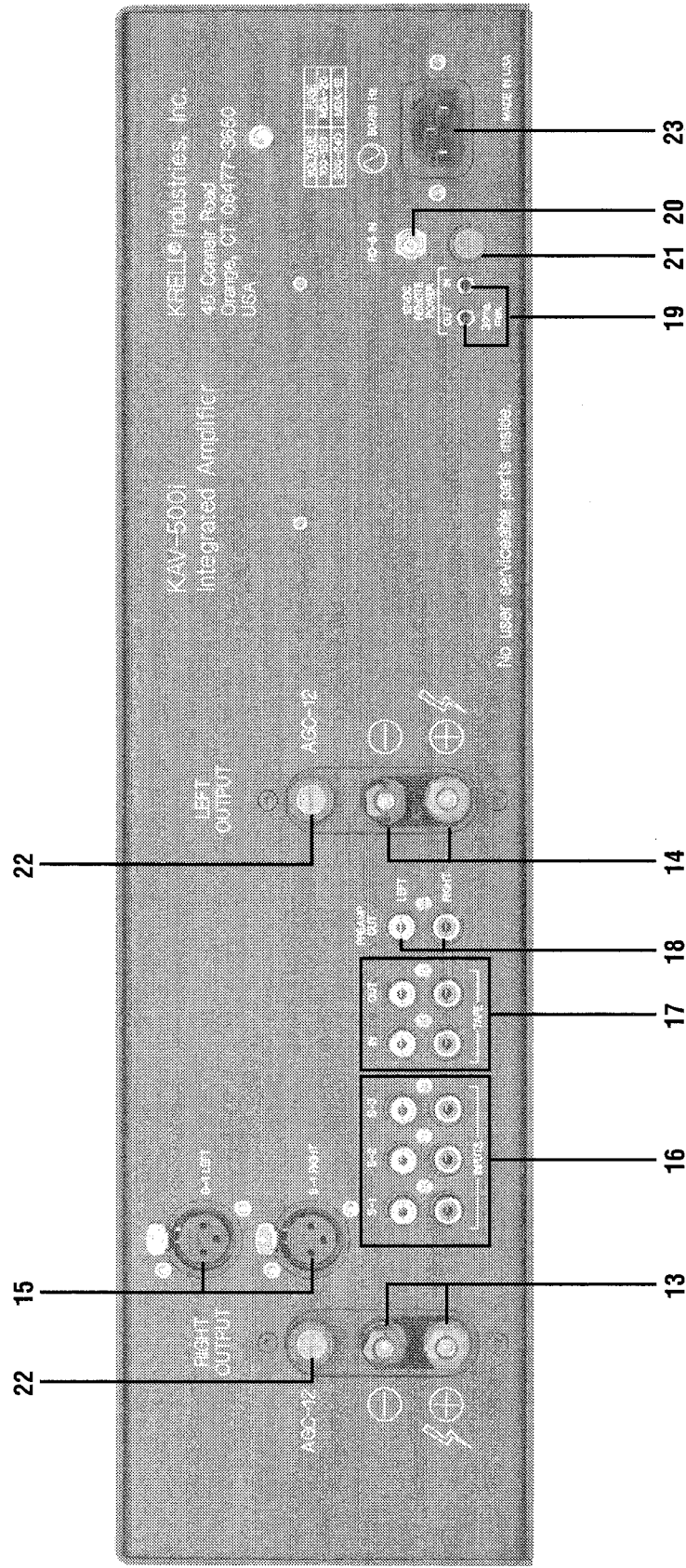
11 Control Knob

The volume control knob adjusts the amplifier output level. Continue turning the control knob until the next LED illuminates.

12 Level LEDs

The red volume level LEDs illuminate to show the amplifier output level. The LED at the far right, below the control knob (11), indicates the lowest output level.

FIGURE 2 THE KAV-500i BACK PANEL



Amplifier Channel		Preamplifier		Fuses	
Outputs		Output			
13	Right Output	18	Preamp Out	21	Line Fuse
14	Left Output	19	Remote	22	AGC-12
Analog Inputs and Outputs		Connections		Power	
15	B-1	19	12 VDC Out/In	23 IEC Power Receptacle	
16	S-1, S-2, S-3	20	RC-5 In		
17	Tape In/Out				

Back Panel Description

See Figure 2 on page 7

Amplifier Channel Outputs

13 Right Output

14 Left Output

The KAV-500i is equipped with standard binding posts for each amplifier channel. These connectors accept bare wire, banana plugs, pins, or spade lugs. Use the red terminal for the positive connection and the black terminal for the negative connection.

Analog Inputs and Outputs

15 B-1

The KAV-500i is equipped with one set of balanced inputs via XLR connectors.

16 S-1, S-2, S-3

The KAV-500i is equipped with three sets of single-ended inputs (S-1, S-2, and S-3) via RCA connectors.

17 Tape In/Out

The KAV-500i is equipped with one set of single-ended tape inputs and outputs via RCA connectors.

Preamplifier Output

18 Preamp Out

The KAV-500i is equipped with a pair of single-ended preamplifier outputs.

Note

The amplifier channel outputs are always active even when the KAV-500i is only being used as a preamplifier.

Remote Connections

19 12 VDC Out/In

The 12 VDC Out/In sends a 12 V power on/off signal to other Krell components via a 12 V trigger cable, as well as to other devices that incorporate a 12 V power on/off trigger input.

Notes

The 12 VDC Out (12 V trigger) is limited to 30 ma.

Consult the owner's manual of any component used in a custom installation to take full advantage of the KAV-500i remote capability.

20 RC-5 In

The RC-5 input accepts baseband RC-5 input commands from hardwired remote controllers.

Fuses

21 Line Fuse

The line fuse protects the KAV-500i against short circuits in internal power supplies.

22 AGC-12

The AGC-12 fuses protect the KAV-500i against short circuits in the speaker output.

Note

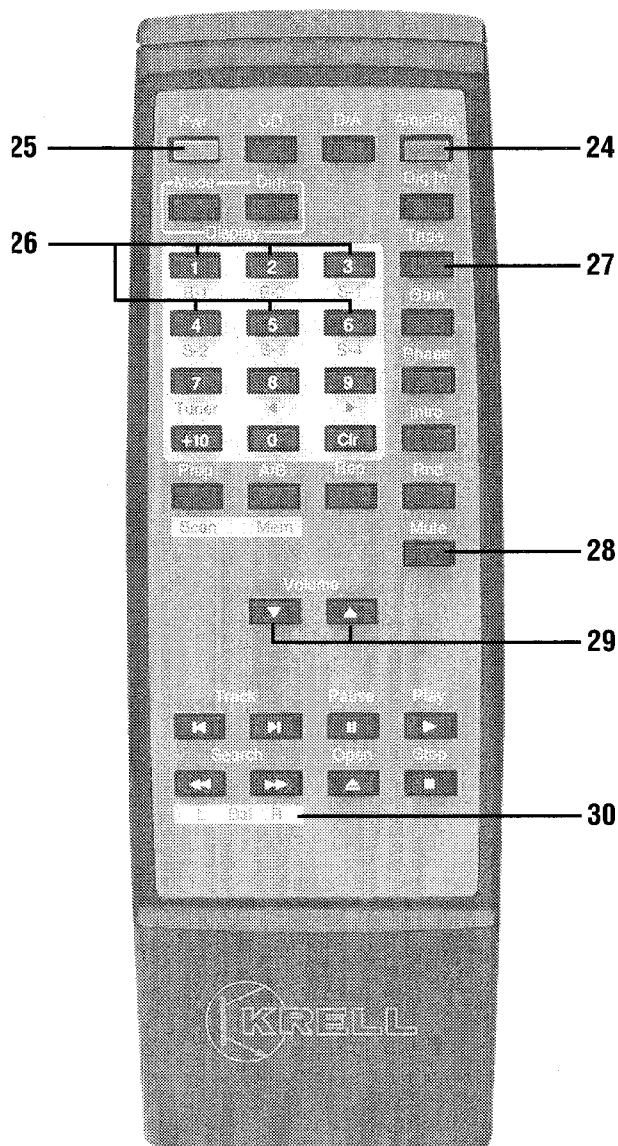
Fuses must be replaced with the fuse value specified on the back panel.

Power

23 IEC Power Receptacle

The KAV-500i is equipped with a standard IEC power receptacle for use with the AC power cord.

FIGURE 3 THE KAV-500i REMOTE CONTROL



Power Functions

- 24 Amp/Pre Key
- 25 Pwr Key

Analog Functions

- 26 Analog Input Keys
- 27 Tape Key

Advanced Functions

- 28 Mute Key
- 29 Volume Keys
- 30 Balance Keys

Note: Some keys on the remote control do not function with the KAV-500i. Press the Amp/Pre key (24) on the remote to access amplifier commands.

Remote Control Description

See Figure 3 on page 9

The KAV-500i remote control accesses complete power amplifier functions as well as Krell preamplifier and compact disc transport remote functions.

BATTERY INSTALLATION AND REMOVAL

The KAV-500i Handheld Remote Control uses two AAA-size 1.5 V batteries. Batteries are included with the shipment.

To install or replace the batteries:

1. Remove the backplate, by sliding the rear panel down.
2. Install the batteries, following the battery position diagram on the plastic battery receptacle.
3. Replace the backplate.

The remote control is ready for operation.

Replace batteries when the remote control function becomes intermittent.

Remove batteries if the remote control is not to be used for a long period of time. Battery leakage can damage the remote control.

A description of the remote control keys that are used with the KAV-500i follows.

Power

24 Amp/Pre Key

Use this key to activate the KAV-500i remote to access amplifier commands.

25 Pwr Key

Use this key to change the KAV-500i from the stand-by mode to on, and from on to stand-by.

Analog Functions

26 Analog Input Keys

Use these keys to choose between one balanced source (B-1) (5) and three single-ended RCA sources (S-1, S-2, and S-3) (5).

27 Tape Key

Use this key to compare the output signal from a three-head analog tape recorder to the output signal from an audio source, when making a recording. The red tape monitor LED (7) illuminates when the tape monitor is activated. The tape monitor LED does not illuminate when an audio source is activated. See *Tape Input and Output*, on page 13.

Advanced Functions

28 Mute Key

The mute key interrupts the signal of the input you have selected. The red mute LED (10) illuminates when you press the mute key. To unmute, press mute again.

29 Volume Keys

Press and hold the volume key to adjust the amplifier output level. The red volume level LEDs (12) illuminate to show the amplifier output level. The LED at the far right, below the control knob (11), indicates the lowest output level.

30 Balance Keys

The balance keys shift the balance to the left or the right channel. The red balance indicator LEDs (9) stay illuminated if the balance is off center and turn off when the channels are centered.

Connecting the KAV-500i to Your System

WARNING

Before connecting this component or any other, make sure the amplifier power is off and the preamplifier is in the mute or stand-by mode. Make sure all cable terminations are of the highest quality and free from frayed ends, short circuits, or cold solder joints.

INPUT AND OUTPUT CONNECTIONS

1. Neatly arrange and organize wiring to and from the amplifier and all components. Separate AC wires from audio cables to prevent hum or other unwanted noise from being introduced into the system.
2. Connect the left and right outputs of the source components to the inputs on the KAV-500i back panel. The KAV-500i is equipped with one set of balanced inputs (B-1) (15) via an XLR connector, three sets of single-ended inputs (S-1, S-2, and S-3) (16) via RCA connectors, and one tape input (17) via a RCA connector. The balanced input and any single-ended input may be configured for Theater Throughput. See **Optional Configurations**, on page 13.

3. Connect the cables from your speakers to the amplifier channel output terminals (13, 14). The KAV-500i uses standard binding posts, which accept bare wire, banana plugs, pins, or spade lugs. Use the red terminal for the positive connection and the black terminal for the negative connection.
4. Insert one end of the AC power cord into the IEC power connector (23) on the back panel. Insert the other end into the AC wall receptacle. The red stand-by LED (3) illuminates.

Krell recommends the use of balanced interconnect cables. Balanced interconnect cables can minimize sonic loss and are immune to induced noise, especially for installations using long cables. The balanced connection has 6 dB more gain than single-ended connections. When level matching is critical, keep this specification in mind.

Notes

All inputs and outputs are labeled on the back panel. Maintain the correct left/right orientation.

The left and right preamplifier single-ended outputs (18) can be used to simultaneously feed different systems.

Amplifier Operation

The KAV-500i remote control integrated amplifier is easy to operate. However, great care should be exercised when operating a system that includes the KAV-500i, because of the amplifier's power output. Switching between active sources without muting the preamplifier output, or bumping/miscuing a device, can generate large transients at low frequencies. The KAV-500i may generate enough power with these transients to damage most loudspeakers. To avoid damage, be sure to switch all sources with the preamplifier level either muted or fully attenuated. Do not change inputs to the amplifier while the amplifier is on.

Note

Krell amplifiers have large reserves of clean power and can safely drive speakers to higher sound pressure levels than other amplifiers. However, use care when setting high playback levels and lower the volume level at any sign of speaker distress.

ON/OFF AND STAND-BY OPERATION

When powering up any system, always turn amplifiers on last. When powering down, always turn amplifiers off first.

1. When the amplifier is in stand-by mode, with the red stand-by LED (3) illuminated, turn the amplifier on by pressing the power button (1), or pressing the pwr key (25) on the remote control. When the power is on, the blue power LED (2) illuminates, and the red stand-by LED (3) turns off. When the blue power LED (2) illuminates, there is an audible click. The amplifier is now ready for operation.
2. With the preamplifier in the mute position, or the volume control fully attenuated, select a source from the front panel (5) or using the remote control (26). Start playing the source. Set the volume to a comfortable listening level using the volume control knob (11), or keys (29).
3. To turn the amplifier off, press the power button (1) or pwr key (25). The red stand-by LED illuminates.

It is now safe to turn off the rest of the system.

Tape Input and Output

The KAV-500i has a discrete tape input and output. The tape output is used to send an input signal from the S-1, S-2, S-3, or B-1 to a recording device or processor. You can use the tape feature in two ways:

1. Use the tape input to compare the output signal of a three-head analog tape recorder to the output signal of an audio source, when making a recording. To activate this function, select an audio source for recording using either the S-1, S-2, S-3, or B-1 input selector buttons (5) or keys (26). Press the tape button (6) or tape key (27) on the remote control to switch between the tape recorder output (red tape monitor LED [7] illuminated) and the input source (red tape monitor LED [7] not illuminated).
2. Use the tape output to create a processor loop, when the KAV-500i is connected to a graphic equalizer board or other ancillary equipment. To activate this function, connect the equipment to the KAV-500i tape outputs (17) as described in the equipment manufacturer's manual. Press the tape button (6) or key (27) on the remote control to switch between the processor output (red tape monitor LED [7] illuminated) and the input source (red tape monitor LED [7] not illuminated).

Note

When changing sources, lower the volume to off or mute the output. This ensures that the next source played does not damage your system with a high output transient.

Optional Configurations

CONFIGURING THE KAV-500i FOR THEATER THROUGHPUT

To simplify the integration of an audio/video surround sound processor into your system, set any input on the KAV-500i by using either the S-1, S-2, S-3, or B-1 inputs (5) to operate as a unity gain stage. Krell calls this configuration Theater Throughput.

When you configure a KAV-500i input for Theater Throughput, the KAV-500i volume and balance controls are transferred to the audio/video surround sound processor, for integrated volume and balance management as well as ease of operation. As long as the KAV-500i input is configured for Theater Throughput and connected to the audio/video surround sound processor's input configured for Theater Throughput, all KAV-500i volume and balance adjustments are made through the surround sound processor. When you disengage the KAV-500i input from Theater Throughput, the volume and balance controls revert to the KAV-500i.

How to Activate an Input for Theater Throughput

1. Turn on the KAV-500i power.
2. Press and hold the button (5) for the device you have selected, for three seconds. The red Theater Throughput LED (8) illuminates.
3. Use the Theater Throughput input to connect the KAV-500i to your audio/video surround sound processor.

Optional Configurations, *continued*

IMPORTANT

Make sure that the source component is a surround sound processor. Other source components should not be connected to an input configured for Theater Throughput. Doing so can result in excessive and possibly damaging volume levels when the source is played. Always turn off the source component before you configure any input on the KAV-500i for Theater Throughput.

How to Disengage an Input for Theater Throughput

1. Turn on the KAV-500i power.
2. Press and hold the button (5) that corresponds to the input configured for Theater Throughput, for three seconds.
3. Theater Throughput is disengaged when the red Theater Throughput LED (8) turns off.

PREAMPLIFIER OUTPUT

The KAV-500i is equipped with a pair of single-ended preamplifier outputs (18). These outputs enable the KAV-500i to be used as a preamplifier when it is connected to a separate amplifier.

Note

The amplifier channel outputs are always active, even when the KAV-500i is being used only as a preamplifier.

How to Troubleshoot System Noise

AC grounding becomes critical when connecting high performance audio components. When you mix and match audio components, each with its own ground potential, a low frequency hum may occur in one or both speakers. This sometimes occurs when introducing a new component into a system.

If a low frequency hum emanates from the speakers when you place the KAV-500i amplifier into the system, follow these simple troubleshooting steps:

1. Check all cable terminations, making sure they display solid solder joints and are of sound construction.
2. With the amplifier off, remove the interconnect cables, then turn the amplifier on. If the hum disappears, turn the amplifier off and reinsert one of the interconnect cables. Turn the amplifier back on. If the hum reappears with one or both interconnects reinserted, there may be a defective cable. Have the interconnect cables checked before proceeding.
3. If the interconnects prove to be sound, you may be experiencing a ground loop. Please contact your authorized Krell dealer, distributor, or Krell for suggestions on how to solve this problem.

Questions and Answers

Q. When I turn up the volume on the KAV-500i a loud hum is present from the loudspeakers; what could it be?

A. Hum can be caused by several different disturbances. Check to make sure all of the cables into and out of the KAV-500i are sound and making the proper contact. Make sure there are no power supplies or hum-inducing components on top of or directly below the KAV-500i.

You could also be experiencing a ground loop in the system. See **How to Troubleshoot System Noise**, on page 14.

Q. When I select the B-1 input on the KAV-500i, one channel seems to have less gain than the other. Is something wrong with the preamplifier?

A. There is not a problem with the KAV-500i. The balanced input and output internal cable terminations could be incorrect. Locate the channel of the system that appears to have less gain. Switch that channel's input cables. If less gain now appears in the other channel, the problem is a defective cable. If the

problem remains in the original channel, check the KAV-500i output cables using the same procedure.

Also check that the red balance LEDs (9) are not illuminated. If the red balance LEDs are illuminated, correct the balance by pressing one of the balance keys (30) on the remote control. See **Balance Keys**, on page 10. If the problem is not cable or balance related, call your authorized Krell dealer, distributor, or Krell.

Q. When I use the KAV-500i's Theater Throughput capability with my surround sound processor, where should I set the volume on the KAV-500i?

A. You do not need to set the volume on the KAV-500i because the KAV-500i's volume control is not active in the Theater Throughput mode. When using the KAV-500i's Theater Throughput capability, the system volume control is controlled by the surround sound processor. See **Optional Configurations**, on page 13.

Warranty

This Krell product has a limited warranty of five years for parts and labor on circuitry. Should this product fail to perform at any time during the warranty, Krell will repair it at no cost to the owner, except as set forth in this warranty.

The warranty does not apply to damage caused by acts of God or nature.

The warranty on this page shall be in lieu of any other warranty, expressed or implied, including, but not limited to, any implied warranty of merchantability or fitness for a particular purpose. There are no warranties which exceed beyond those described in this document. If this product does not perform as warranted herein, the owner's sole remedy shall be repair. In no event will Krell be liable for incidental or consequential damages arising from purchase, use, or inability to use this product, even if Krell has been advised of the possibility of such damages.

Proof of purchase in the form of a bill of sale or receipted invoice substantiating that the unit is within the warranty period must be presented to obtain warranty service. The warranty begins on the date of retail purchase, as noted on the bill of sale or receipted invoice from an authorized Krell dealer or distributor.

The warranty for Krell products is valid only in the country to which they were originally shipped, through the authorized Krell distributor for that country, and at the factory. There may be restrictions on or changes to Krell's warranty because of regulations within a specific country. Please check with your distributor for a complete understanding of the warranty in your country.

If a unit is serviced by a distributor who did not import the unit, there may be a charge for service, even if the product is within the warranty period.

Freight to the factory is your responsibility. Return freight within the United States (U.S.A.) is included in the warranty. If you have purchased your Krell product outside the U.S.A. and wish to have it serviced at the factory, all freight and associated charges to the factory are your responsibility.

Krell will pay return freight to the U.S.A.-based freight forwarder of your choice. Freight and other charges to ship the unit from the freight forwarder to you are also your responsibility.

Krell is not responsible for any damage incurred in transit. Krell will file claims for damages as necessary for units damaged in transit to the factory. You are responsible for filing claims for shipping damages during the return shipment.

Krell does not supply replacement parts and/or products to the owner of the unit. Replacement parts and/or products will be furnished only to the distributor performing service on this unit on an exchange basis only; any parts and/or products returned to Krell for exchange become the property of Krell.

No expressed or implied warranty is made for any Krell product damaged by accident, abuse, misuse, natural or personal disaster, or unauthorized modification.

Any unauthorized voltage conversion, disassembly, component replacement, perforation of chassis, updates, or modifications performed to the unit will void the warranty.

The operating voltage of this unit is determined by the factory and can only be changed by an authorized Krell distributor or at the factory. The voltage for this product in the U.S.A. cannot be changed until six months from the original purchase date.

In the event that Krell receives a product for warranty service that has been modified in any way without Krell authorization, all warranties on that product will be void. The product will be returned to original factory layout specifications at the owner's expense before it is repaired. All repairs required after the product has been returned to original factory specifications will be charged to the customer, at current parts and labor rates.

All operational features, functions, and specifications and policies are subject to change without notification.

To register your product for warranty benefits, complete and return the Warranty Registration Card enclosed in the shipping box within 15 days of purchase. Thank you.

Return Authorization Procedure

If you believe there is a problem with your component, please contact your dealer, distributor, or the Krell factory to discuss the problem before you return the component for repair. To expedite service, you may wish to complete and e-mail the Service Request Form in the Service Section of our website at:

www.krellonline.com

To contact the Krell Service Department

TEL	203-799-9954 Monday-Friday 9:00 AM to 5:00 PM EST
FAX	203-799-9796
E-MAIL	service@krellonline.com
WEBSITE	http://www.krellonline.com

KAV-500i

PRODUCT

SERIAL NUMBER

To return this product to Krell, please follow this procedure so that we may serve you better:

1. Obtain a Return Authorization Number (R/A number) and shipping address from the Krell Service Department.
2. Insure and accept all liability for loss of or damage to this product during shipment to the Krell factory and prepay all shipping charges. Please see the Warranty page in this manual, concerning liability for shipping damage and shipping charges.

This product may also be hand delivered if arrangements with the Service Department have been made in advance. Proof of purchase may be required for warranty validation at the time of hand delivery.

IMPORTANT

Use the original packaging to ensure safe transit of this product to the dealer, distributor, or factory. Krell may, at its discretion, return this product in new packaging and bill the owner for such packaging if the product received by Krell was boxed in non-standard packaging or if the original packaging was so damaged that it was unusable. If Krell determines that new packaging is required, the owner will be notified before this product is returned.

To purchase additional packaging, please contact your authorized Krell dealer, distributor, or the Krell Service Department.

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FAX 203-891-2028
E-MAIL krell@krellonline.com
WEBSITE <http://www.krellonline.com>

KAV-500i

Remote Control Integrated Amplifier

v 00.0

Specifications

FREQUENCY RESPONSE

20 Hz-20 kHz +0 dB, -0.17 dB

SIGNAL TO NOISE RATIO

"A" WEIGHTED

102 dB

TOTAL HARMONIC DISTORTION (THD)

1 kHz <0.06%
20 kHz <0.25%

GAIN

36.4 dB

INPUT SENSITIVITY

0.654 Vrms

INPUT IMPEDANCE

57 kOhms

OUTPUT IMPEDANCE

0.044 Ohms

POWER CONSUMPTION

Idle 23W
Max. 1,900 W

TRANSFORMER

2,000 VA

INPUTS

ALL WITH THEATER THROUGHPUT

1 pair balanced via XLR connectors
3 pair single-ended via RCA connectors

OUTPUTS

2 speaker outputs via 5-way
binding posts
1 pair single-ended via RCA connectors

TAPE INPUT AND OUTPUT

1 pair single-ended via RCA connectors

OUTPUT VOLTAGE

Peak to peak 138 V
RMS 49 V

OUTPUT POWER

EACH CHANNEL DRIVEN

8 Ohms 250 W
4 Ohms 500 W

REMOTE CONTROL

1 handheld wireless remote
1 12 VDC Out/In (12 V trigger)
1 RC-5 input via a DC power connector

DIMENSIONS

19.0w x 6.3h x 15.3d in.
48.3w x 16.0h x 38.9d cm

WEIGHT

Shipping 57 lb., 25.9 kg
Unit only 49 lb., 22.3 kg

All operational features, functions, specifications,
and policies are subject to change without
notification.