

Krell HDMI Switcher Owner's Reference



KRELL
THE LEADER IN AUDIO ENGINEERING

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Getting Started

Thank you for your purchase of a Krell HDMI 4K HDR Switcher.

The switcher extends the capabilities of our Foundation and Foundation 4K surround processors by offering additional HDMI inputs that meet the HDMI 2.0b HDR specifications.

Unpacking / Placement / AC Power Guidelines

Packing List:

- 1 - HDMI Switcher
- 1 - AC power adapter
- 2 - 3ft. HDMI cables
- 1 - 1ft. USB cable
- 1 - USB to RS-232 adapter
- 1 - Warranty Registration card

Place the HDMI switcher on a firm, level surface, away from excessive heat, humidity, or moisture. It may be placed on top of the Foundation as long as there is adequate ventilation.

WARNING: Do not place the component where it could be exposed to dirt or excessive moisture. Do not place flammable material on top of or beneath the unit.

The power adapter is designed to work all over the world at voltages from 100-240VAC.

Note:

Save all packing materials; if you need to ship the HDMI switcher in the future, repack the unit in its original packaging to prevent shipping damage.

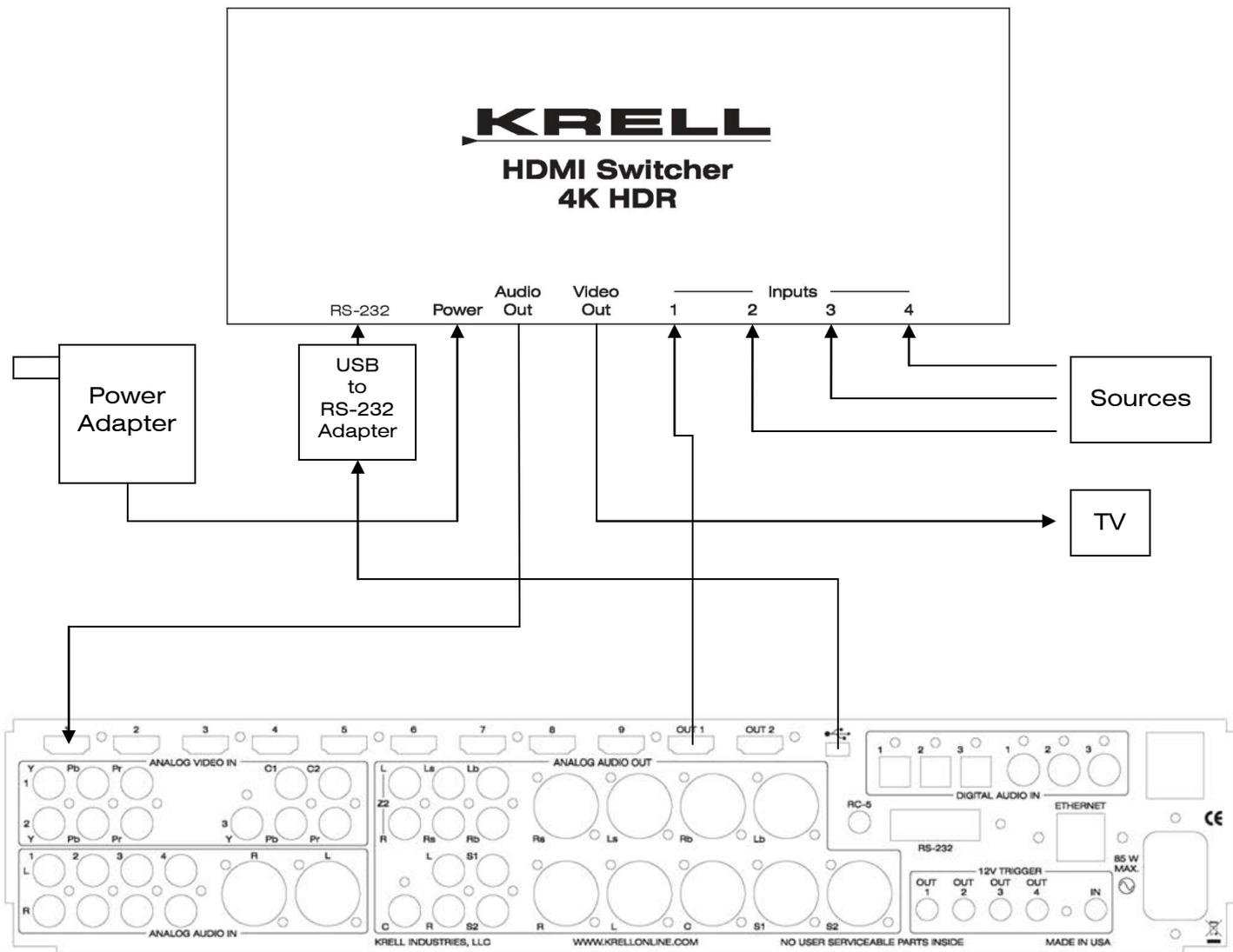
Recommended Cleaning Instructions for Krell Products

Clean your Krell product gently, using a high quality lint-free cloth that has not been treated with chemicals of any kind. Please note the following: Do not use cleaning agents of any kind, such as water, alcohol, or other common cleaning products.

Thank you.

Connections

The following diagram shows a typical connection of the HDMI switcher to a Foundation or Foundation 4K.



Operation

In order to use the HDMI switcher with the Foundation or Foundation 4K you will need to update the software in your unit to the following versions (or higher). If your unit is connected to the Internet, you can go to the Software Update page in the front panel menu and get the latest software. Otherwise contact Krell for instructions on how you can update the software by other means.

Foundation: V1.33

Foundation 4K: V1.48

Go to the External HDMI Switch page in the front panel menu of the Foundation or Foundation 4K and set the Enable option. This will map HDMI inputs 2-4 on the Foundation or Foundation 4K to inputs 2-4 on the HDMI switcher. If you have a source assigned to HDMI input 1, you will need to connect it to inputs 2-4 on the HDMI switcher and then change the HDMI input in the source setup menu accordingly. Put the Foundation or Foundation 4K into stand-by and then turn it back on. You don't need to do anything else at this point. All of your source settings will remain as they are and source selection from the remote control or home control system will continue to operate as normal.

RS-232 Control

The HDMI switcher may be operated by a computer or home control system through the RS-232 port.

Port settings: 57600 baud rate, no parity, 8 data bits, 1 stop bit

Input select command: **swc** n <CR><LF>
n = 1-4 for HDMI inputs 1-4
<CR> carriage return
<LF> line feed

Input status command: **swc ?** <CR><LF>
returns **Select Rx Port** = n

Specifications

HDMI: HDMI v2.0b with HDCP v1.4/2.2

Bandwidth: 18Gbps

Video: 4K/60Hz, RGB 4:4:4/YUV 4:4:4/YUV 4:2:0, 12-bits, HDR10, HDR10+, Dolby Vision

Audio: LPCM, Dolby Digital, Dolby TrueHD, Dolby Atmos, DTS, DTS-HD, DTS-X

Power Supply: 24VDC, 0.5A

Power Consumption: <12W

Dimensions: 8.9in (22.6cm) W x 1.2in (3.0cm) H x 4.25in (10.8cm) D

Shipping Weight: 3lbs (1.4kg)

Warranty

This Krell product has a limited warranty of **three years** for parts and labor on circuitry from the date of purchase extended to **five years** with submission of the Warranty Registration Card either online at our website, or by mail within **60 days** of purchase.

Should this product fail to perform at any time during the warranty, Krell will replace 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 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 customer'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.

Service

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 the **Service Request Form** in the **Support** section of our website at: **www.krellhifi.com**.

To return a 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 or damage to the product during shipment to the Krell factory and ensure all freight (shipping) charges are prepaid.
3. The product may also be hand delivered if arrangements with the Service Department have been made in advance. Proof of purchase will be required for warranty validation at the time of hand delivery.

NOTE: Use the original packaging to ensure the safe transit of the product to the factory, dealer, or distributor. Krell may, at its discretion, return a product in new packaging and bill the owner for such packaging if the product received by Krell was boxed in nonstandard 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 the product is returned.

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

To Contact the Krell Service Department:

Telephone: 203-298-4020 Monday-Friday, 8:30am to 5:00pm EST

Fax: 203-799-9796

E-Mail: service@krellhifi.com

<https://www.krellhifi.com>