

K-300i Integrated Amplifier

Owner's Reference



KRELL
THE LEADER IN AUDIO ENGINEERING

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Getting Started

Thank you for your purchase of a Krell K-300i component.

The K-300i Integrated Amplifier can be equipped with or without the Optional Digital Module that is used in the K-300i Integrated Amplifier w/Digital model. This manual covers both K-300i models and notes differences where appropriate.

Both K-300i models feature discrete signal paths from input to output and employ a wide bandwidth design with low negative feedback for sonic accuracy throughout the frequency spectrum. All circuits up to the driver stage operate in pure Class A.

Krell's surface mount technology (SMT) means that K-300i components employ the most sophisticated circuit designs possible without requiring the typical space. SMT allows individual circuit elements to be placed very close together. This shortens signal paths and allows circuit elements to operate at the same temperature, resulting in more accurate signal transfer and enhanced reliability. This combination of sophisticated circuitry and small space makes it possible to design and manufacture a very high powered 150W per channel amplifier in a small enclosure. The K-300i is easy to operate and integrate into your system. The remote control accesses all functions, and remote control connection options allow the K-300i to be easily connected with other components.

The Theater Throughput feature provides easy integration of these models into a home theater system.

The optional digital module for the K-300i Integrated Amplifier adds a full range of digital technologies and connections that are already included in the K-300i Integrated Amplifier w/Digital model.

WARNING: Do not place the component where it could be exposed to dirt or excessive moisture. The ventilation grids on the top and bottom of the K-300i must be unobstructed at all times. Do not place flammable material on top of or beneath the unit. When making connections to this or any other model, make sure all components are off. Turn off all system power before connecting the K-300i to any other component. Make sure all cable and speaker wire terminations are of the highest quality, free from frayed ends, short circuits or cold solder joints.

WARNINGS



This product complies with the EMC directive (89/336/EEC) and the low-voltage directive (73/23/EEC). This CLASS 1 apparatus must be connected to an AC MAIN socket outlet with a protective earthen connection.

Unpacking / Placement / AC Power Guidelines

Open the shipping box and remove the top layer of foam. You will see these items:

K-300i unit and Accessories - Included

- 1 - AC power cord
- 1 - Handheld remote control
- 2 - AAA batteries
- 1 - Owner's reference
- 1 - Warranty Registration card
- 1 - Trigger cable
- 1 - T-10 Torx Screwdriver

Place the K-300i on a firm, level surface, away from excessive heat, humidity, or moisture. The K-300i is a precision instrument and should be handled with the utmost care. Make sure the installation location is dry and level, and able to provide adequate ventilation. The K-300i runs warm to the touch and requires the bottom and top of the unit be free from obstruction with good circulation of air. The bottom of the K-300i must be unobstructed to the height of the feet to ensure proper ventilation. Do not place the K-300i on a carpeted floor. Allow a minimum of 2 inches (5cm) above the unit for proper ventilation, and at least one inch (2.54 cm) on each side. Additional ventilation may be required when the unit occupies the same space with other electronics that generate heat, like power amplifiers. Please consult an authorized KRELL dealer or KRELL Industries to ensure proper installation.

The K-300i is designed to work all over the world. The operating voltage is determined at the factory and is specifically set to operate in the country of final destination. The K-300i requires good clean power and doesn't require additional filtration. A 15 amp circuit is recommended for the K-300i.

Note:

The K-300i may not operate correctly when AC regeneration or voltage conversion devices are utilized. If you choose to use such a device, at a minimum they must be rated for the maximum power consumption of the K-300i(900 Watts).

Note:

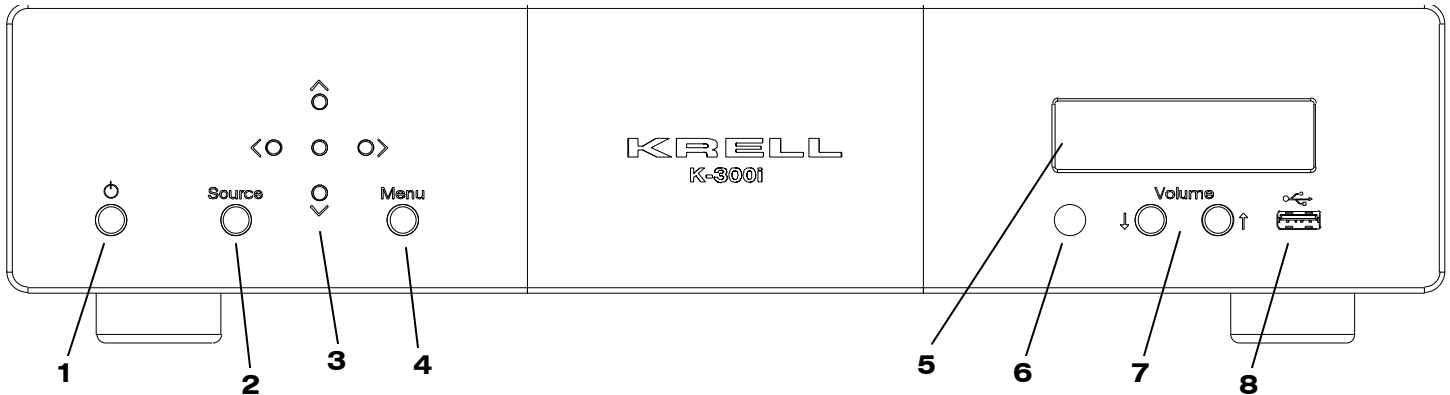
Save all packing materials; if you need to ship the K-300i in the future, repack the unit in its original packaging to prevent shipping damage.

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 alcohol, Windex, or other common cleaning products. Water may be used but **do not** spray directly onto the unit, instead a small amount may be used on a lint-free cloth to lightly rub the exterior of the unit.

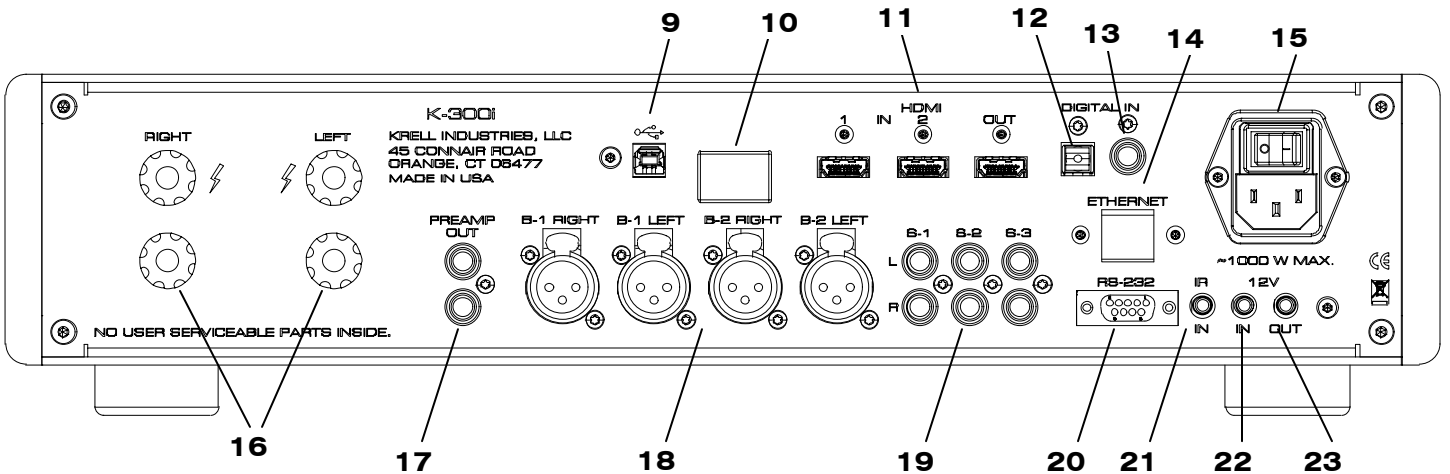
Thank you.

Front Panel Features



- | | |
|---|---|
| <ul style="list-style-type: none"> 1) Power Button 2) Source Select Button 3) Navigation Buttons 4) Menu Button | <ul style="list-style-type: none"> 5) Front Panel Display 6) IR Window 7) Volume Control Buttons 8) USB-A Connector |
|---|---|

Rear Panel Features



Note: features 9 – 13 are only available when the digital option is installed in the unit.

- | | |
|--|--|
| <ul style="list-style-type: none"> 9) USB-B Connector 10) Bluetooth Receiver Cover 11) HDMI Connections 12) Toslink Optical Digital Audio Input 13) S/PDIF Digital Audio Input 14) RJ45 Ethernet Connection 15) AC Mains Input and Power Switch 16) Loudspeaker Outputs 17) Preamp Output | <ul style="list-style-type: none"> 18) Balanced Analog Audio Inputs 19) Single-Ended Analog Audio Inputs 20) RS232 Control 21) Baseband RC5 Input 22) 12VDC Trigger Input 23) 12VDC Trigger Output |
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Front Panel Features Description

1) Power Button

For selecting operate or stand-by mode.

2) Source Select Button

For entering or exiting the source select mode.

3) Navigation Buttons

For making source selection or navigating the menu.

4) Menu Button

For entering or exiting the menu.

5) Front Panel Display

Displays status information in normal mode, available sources in source select mode, or configuration information in menu mode.

6) IR Window

IR commands from the hand-held remote control are received through this window. There must be clear line of sight from the remote control to the window for proper operation.

7) Volume Control Buttons

For controlling the speaker output level.

8) USB-A Connector

For connecting a USB flash memory stick containing digital music files. The USB stick may be formatted as FAT or NTFS. Music playback from a USB stick is supported with the **mconnect Control** app for your tablet or smart phone and is only available when the digital option is installed in the unit.

Rear Panel Features Description

9) USB-B Connector

For connection to a computer for streaming digital audio. This will support PCM audio data up to 192kHz/24-bits or DSD128 audio data.

10) Bluetooth Receiver Cover

The Bluetooth receiver is behind this cover. The Bluetooth range is approximately 30 feet (10 meters). This range may be reduced if the unit is placed in a metal rack which would have a tendency to block the Bluetooth RF signal. Other RF sources operating in the 2.4GHz frequency range may interfere with Bluetooth operation.

11) HDMI Connections

For connection of up to two HDMI source devices and one HDMI display device. The HDMI connections support video resolutions up to 4K 50/60Hz with HDR. The HDMI inputs support 2-channel PCM audio up to 192kHz/24-bits or 2-channel DSD128 audio. The HDMI output supports ARC (audio return channel) and is accessed by selecting the "TV" source from the remote or front panel. For ARC to work, the HDMI output must be connected to the ARC capable HDMI input on the display.

12) Toslink Optical Digital Audio Input

For connection to the optical digital output of a source device. This connection carries PCM audio data up to 96kHz/24-bits.

13) S/PDIF Digital Audio Input

For connection to the digital audio output of a source device. This connection carries PCM audio data up to 192kHz/24-bits.

14) RJ45 Ethernet Connection

For connection to a LAN (local area network) at speeds of 10/100 Mbps. This must be connected to the LAN router in order to access the embedded web page or to make use of the streaming audio features provided by the mconnect Control app (only applicable to units with the digital option installed). The router must have access to the Internet in order to get software updates or certain streaming services.

15) AC Mains Input and Power Switch

IEC 320 inlet for connection to an AC mains outlet. See the serial number label on the rear panel of the unit for the specific voltage and frequency requirements.

16) Loudspeaker Outputs

The binding posts accept 5/16" (8.0mm) spade connectors, bare wire, or banana plugs.

17) Preamp Output

RCA jacks for connection to an external amplifier or powered subwoofer.

18) Balanced Analog Audio Inputs

XLR jacks for connection to balanced analog audio sources (8Vrms maximum input voltage). Pin 1 is ground, pin 2 is non-inverting (+), and pin 3 is inverting (-).

19) Single-Ended Analog Audio Inputs

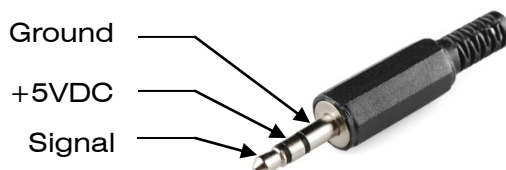
RCA jacks for connection to single-ended analog audio sources (4Vrms maximum input voltage).

20) RS-232 Control Port

For connection to a home control system.

21) Baseband RC5 Input

For connection to a home control system or an IR extender. This input accepts a baseband RC5 remote control signal (3.3V LVCMOS levels, 5V tolerant) and can provide DC power (5VDC, 30ma) for an IR extender. The pinout of the 3.5mm plug is shown below. When the plug is connected the front panel IR receiver is disabled.



22) 12VDC Trigger Input

For connection to a home control system or other component with a 12VDC trigger output to switch the K-300i on (+12V) or off (0V). This input accepts a 3.5mm mono plug where the tip is hot and the sleeve is ground.

23) 12VDC Trigger Output

For connection to another component with a 12VDC trigger input to turn it on (+12V) or off (0V). This output accepts a 3.5mm mono plug where the tip is hot and the sleeve is ground. The maximum output current is 60ma. The output will be high whenever the K-300i is on and low when it is off.

Remote Control

Remote Control Buttons have the same function as the front panel controls, when applicable.

1) Power

Use this button to switch the K-300i between stand-by and operational modes.

2) Mute Button

Use this to mute the output. To un-mute, press the mute button again.

3) Analog Input Buttons

Use these buttons to select analog inputs.

4) Digital Input Buttons

Use these buttons to select digital inputs.
Note: These buttons are only active when the optional digital module is installed.

5) BAL (Balance) Buttons

Use these buttons to shift the balance to the left or the right channel.

6) INFO Button

Pressing this button displays the IP address, software version, temperature, and serial number on the front panel display.

7) Volume Up/Down Buttons

Adjusts volume up and down with a range of 0-100.

8) DISP (Display) Button

Use this button to toggle the front panel display off or on.

9) Playback Controls

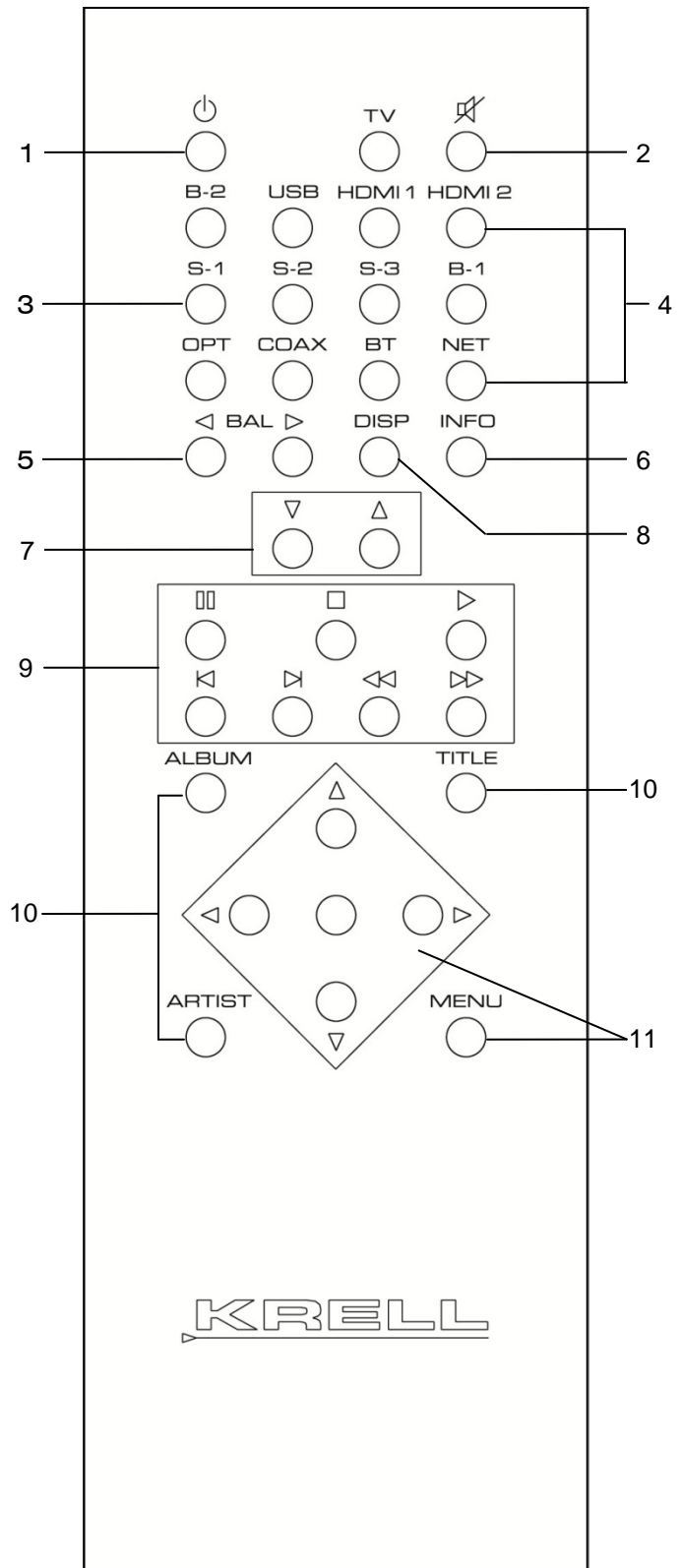
Use these buttons to control the playback of certain streaming sources. The search buttons are currently inoperative.

10) Informational Buttons

Use these buttons to display the corresponding information on the front panel display (only if the source contains the appropriate meta-data).

11) Menu and Navigation Buttons

Use these buttons to access and navigate the front panel menu features.



Note: The remote comes with two AAA batteries that have to be installed. Use the supplied Torx screwdriver to remove the 4 Torx screws (T10) securing the rear cover then install the batteries.

Operating the K-300i

1. When the K-300i is in stand-by mode (“---“, on the display) - turn it on by pressing the Power button on the front panel or the power key on the remote control. There are audible clicks and “Initializing” will appear on the display. Once the display shows the source and audio format the K-300i is ready to operate.
2. Check the volume level before playing the source since it will remain at the level it was last set at when the unit was put in stand-by. The source will also retain its last selection. To select a new source press one of the source keys on the remote control or press the Source button on the front panel to enter the source selection menu.
Once in the source selection menu use the up or down arrow buttons to scroll to the desired source. Press the Enter button to confirm the new source selection and exit the source selection menu.
3. Start playing the source and adjust the volume level as desired, using the Volume buttons on the front panel or the Volume keys on the remote.
4. To turn off the K-300i press the Power button on the front panel or the power key on the remote. The unit will go into stand-by and, “---“, will appear on the display.

Front Panel Menu

The front panel menu contains setup and operational features to enhance the K-300i's integration into the audio system. It also has informational displays.

Menu Operation

Note: all menu functions can be accessed from the front panel buttons or the remote control keys.

Press the Menu button to access the front panel menu. Press the Menu button again to exit the front panel menu. While in the menu use the Up or Down arrow buttons to scroll through the menu items or selection choices. If nothing happens when pressing the Up or Down buttons, this means that there are either no additional menu items available (as with some of the informational displays) or you need to press the Enter button first in order to activate the selection choices.

In the case of a menu item that has selection choices (such as Theater Mode in the Source Setup menu), press the Enter button to activate the selection mode (this will highlight the selection choice). Use the Up or Down arrow buttons to change the selection choice then press the Enter button to confirm the new selection (the highlight will disappear). You can now exit the menu by pressing the Menu button or continue using the menu. If you press the Menu button to exit the menu while the selection choice is still highlighted it will not take effect. This can be used to disregard a menu choice made in error.

Pressing the Left arrow button will go back up to the previous level in the menu structure when there is no selection choice or the selection choice is not highlighted.

The Right arrow button is used to move to the next character in a string of characters when editing a multi-character entry (such as naming a source in the Assign Names sub-menu of the Source Setup menu). When editing such a string the Left arrow button will move back to the previous character.

Menu Items

- Source Setup
 - Assign Names
 - Level Trim
 - Theater Mode
- Preamp Output
 - Level Trim
 - Output Mode
- Digital Filter
 - Fast Roll-Off Min Phase
 - Fast Roll-Off Lin Phase
- Network Setup
 - IP Address
 - Subnet Mask
 - Default Gateway
 - MAC Address
 - DNS Server
- Diagnostic Mode
- Software Version
- Software Update
- Display Brightness
- CEC Operation
- Serial Number

Source Setup

Assign Names – In this sub menu you can change the name of the source to better indicate the actual device. Scroll to the source you want to change and press the Enter button, the first character of the source name will be highlighted. Use the Up or Down arrow buttons to change the character. Use the Right arrow button to advance to the next character and change it the same way. When finished, press the Enter button to confirm the change.

Level Trim – In this sub menu you can add a volume offset to each source to compensate for differences in their output levels. The adjustment range is +/- 10dB.

Theater Mode – When enabled for a particular source, theater mode fixes the volume at a level equivalent to a standalone power amplifier. This allows the home theater surround sound processor to control the volume of the left and right front speakers along with all of the other home theater speakers.

Warning! - **The Theater Mode should only be enabled for a source that has a volume control. If it is enabled for a source with only a fixed line level output, very high volumes may appear on the speaker outputs which could damage the speakers.**

Preamp Output

Level Trim – In this menu you can add a volume offset to the preamp output to compensate for gain differences between an external amplifier or subwoofer and the internal amplifier of the K-300i. The adjustment range is +/- 10dB.

Output Mode – The two choices are Variable or Fixed. In Variable mode the output level varies with the main volume control. In Fixed mode the output level is fixed to a standard line level output for driving devices with their own volume control.

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Digital Filter

Note: This is only applicable when the optional digital module is installed.

This menu allows you to choose between two different digital filter settings for the DAC, fast roll-off minimum phase or fast roll-off linear phase. The choice is purely a matter of preference and one may sound better than the other depending on the source material. This will not affect MQA playback which is always set for fast roll-off minimum phase (per MQA requirements).

Network Setup

IP Address – In the IP Address sub menu you will see the network discovery mode (DHCP is the default) and the assigned IP address. Pressing the Up or Down buttons will scroll between DHCP and Static IP. While on DHCP, if you press the Enter Button the K-300i will refresh the IP address. In Static IP mode you can edit the IP address manually. All of the other network parameters (Subnet Mask, Default Gateway, and DNS Server) are only applicable to the Static IP mode. The MAC Address is not editable.

Diagnostic Mode

The diagnostic mode is used for trouble shooting and should be disabled for normal operation. When diagnostic mode is enabled the RS-232 port on the rear panel is no longer available for controlling the unit.

Software Version

Press the Enter button to view the K-300i's operating software version.

Software Update

Note: The K-300i must be connected to a network with Internet access in order to perform a software update.

Press the Enter button to start the software update process. The K-300i will check for software updates on the Krell server. If the installed software is already at the latest version, the unit will indicate this on the display and exit the software update mode. If there is a newer version of software available the unit will download and install the software. Various status messages will appear on the display and the unit will return to the stand-by mode when the software update is complete.

Display Brightness

Choose from three brightness levels according to your preference.

CEC Operation

Note: This is only applicable when the optional digital module is installed.

CEC (Consumer Electronics Control) is a remote control system that operates over the HDMI connection and allows you to control multiple devices from a single remote. The K-300i uses CEC only for audio return channel (ARC) operation on its HDMI output. It is not possible to control the K-300i through CEC. CEC operation must be enabled (the default setting) in order to use the ARC feature (labeled as the "TV" source since ARC is audio from the TV coming back through the HDMI connection to the K-300i). Sometimes CEC may cause the TV to automatically switch to its ARC HDMI input (usually one input among all the HDMI inputs). If ARC is not being used, then disabling CEC operation will stop this behavior.

Serial Number

This displays the unit's serial number.

Control Options

Web Server

The K-300i has a built-in web server which enables remote control from a mobile device or computer. To access this feature type the IP address of the K-300i into the URL window of a web browser. The IP address can be found in the Network Setup section of the front panel menu. When entering the IP address do not include any leading zeroes. The K-300i works with all of the major web browsers (Internet Explorer, Safari, Firefox, and Chrome). If the web page does not load properly or is not able to control the unit, please make sure the latest version of the web browser is installed and that Javascript is enabled.

Note: the device with the web browser must be on the same network as the K-300i. The first three groups of numbers in the IP address of the device must be the same as those of the K-300i.

RS-232

A home control system can use the RS-232 port on the rear panel of the K-300i to control the unit and receive status information. Please refer to the document in the link below for the connection information and protocol.

IP Control

A home control system can also use the Ethernet port on the rear panel of the K-300i for control and status information. Please refer to the document in the link below for the protocol. Please note that when used in this manner the K-300i's web page may not be available if the control system does not allow access from other devices on the network.

[K-300i RS-232/IP Control Protocol](#)

K-300i with Digital Module

mconnect Control app

The K-300i with optional digital module (assume this is installed for the following instructions) works in conjunction with the **mconnect Control** app for network streaming audio and playback from a USB memory stick. Please download this free app from the Apple App Store or Google Play Store.

The K-300i supports the latest streaming services.



Note: The K-300i is DLNA/UPnP compliant so any DLNA music player app should be able to use it as a playback end point. However, proprietary control functions, such as volume control of the K-300i are only available when using the mconnect Control app.

From the K-300i faceplate, remote, or web-server, select the source labeled “Network” (“NET” on the remote). Open the mconnect Control app and click on the “Play to” button along the bottom edge. The PlayTo screen will list all of the available playback devices. Click on “Krell K-300i.” If the K-300i is not in the list check that the unit is connected to the same network as the mobile device with the app. Confirm this by going to the Network Setup section of the front panel menu and checking for a valid IP address. The first three groups of numbers should be the same as the IP address assigned to the mobile device with the app.

To use Internet radio or any of the other streaming services click on the “Browser” button along the bottom edge of the app. The Browser screen shows all the available streaming services. Some of these, such as Tidal, require a subscription that must be purchased separately.



MQA (Master Quality Authenticated)

MQA is an award-winning British technology that delivers the sound of the original master recording. The master MQA file is fully authenticated and is small enough to stream or download.

Visit www.mqa.co.uk for more information.

The K-300i includes MQA technology, which enables you to play back MQA audio files and streams, delivering the sound of the original master recording.

‘MQA’ or ‘MQA Studio’ indicates that the product is decoding and playing an MQA stream or file, and denotes provenance to ensure that the sound is identical to that of the source material. ‘MQA Studio’ indicates it is playing an MQA Studio file, which has either been approved in the studio by the artist/producer or has been verified by the copyright owner.

MQA and the Sound Wave Device are registered trademarks of MQA Limited. © 2016



How to use Connect:

You'll need Spotify Premium to use Connect – see details overleaf.

- 1) Fire up the Spotify app on your phone, tablet or PC using the same network as the K-300i.
- 2) Play a song on Spotify and hit 'DEVICES AVAILABLE'.
- 3) Choose the K-300i and your music will start playing out loud.

The Spotify Software is subject to third party licenses found here:
<https://developer.spotify.com/esdk-third-party-licenses/>

Network Music Storage or NAS Devices

In order to access music stored on a local computer the computer needs to be running a DLNA/UPnP compliant music server. Krell recommends Twonky Server. Once this is running, the mconnect Control app will find the server and it will appear in the Local Server section of the Browser screen. Simply click on it to navigate to the desired file. Compliant NAS devices will also appear in this list.

USB Stick

To access music stored on a USB memory stick select the Network source, insert the device into the USB socket on the front panel of the K-300i, click on the "Browser" button along the bottom edge of the mconnect Control app, then click on "K-300i Server" in the Local Server section of the screen. The contents of the USB stick will appear on the screen. Select the desired file and it will begin playing.

Bluetooth

To play music from a Bluetooth enabled device first select the "Bluetooth" source ("BT" on the remote). Then "pair" the Bluetooth device with the K-300i. The K-300i will appear in the list of available devices in the Bluetooth settings menu of the device, select it and wait for the device to indicate that the connection is ready.

In order to pair with a different device the first device pairing must be deleted. This is usually accomplished by telling the device to "forget" the K-300i.

For best sound quality set the Bluetooth device's volume to maximum and adjust the volume level with the K-300i's volume control.



The K-300i features Qualcomm® aptX™ audio technology for the best sound quality when connected to aptX enabled Bluetooth devices. Please check the device's specifications to determine if it is equipped with aptX technology.

Qualcomm aptX is a product of Qualcomm Technologies International, Ltd.

Qualcomm is a trademark of Qualcomm Incorporated, registered in the United States and other countries, used with permission. aptX is a trademark of Qualcomm Technologies International, Ltd., registered in the United States and other countries, used with permission.

USB Computer Audio

The K-300i is a USB 2.0 compliant audio device. To play music from a computer using USB, connect the USB cable from the computer to the USB-B port on the rear panel of the K-300i. Select the "USB" source from the front panel, remote, or web-server. The K-300i will play PCM files up to 24-bit/192kHz and DSD files up to DSD128.

Specifications

Analog Inputs

- 2 pr. balanced via XLR connectors
- 3 pr. single-ended via RCA connectors

Digital Inputs (optional)

- 1 EIAJ Toslink Optical
- 1 S/PDIF Coax
- 2 HDMI (HDMI 2.0a, HDCP 2.2) + 1 HDMI Output
- 1 USB-A (USB 2.0 host)
- 1 USB-B (USB 2.0 audio device)
- 1 Bluetooth with aptX

Outputs

- 1 pr. preamp outputs via RCA connectors
- 1 pr. speaker outputs via gold-plated binding posts

Control inputs

- 1 RS-232 input via 9-pin D-subminiature connector
- 1 remote IR detector input via 3-conductor 3.5 mm connector
- 1 12 VDC trigger input via 2-conductor 3.5 mm connector

Control output

- 1 12 VDC trigger output (60 mA maximum current) via 2-conductor 3.5 mm connector

Input impedance

- Balanced: 16 k Ω
- Single-ended: 8 k Ω

Frequency response

- 20 Hz to 20 kHz +0, -0.22 dB
- <10Hz to 100kHz +0, -0.57 dB

Signal-to-noise ratio

- >104 dB, wideband, unweighted, at 2V RMS in balanced, referred to full power output
- >117 dB, "A"-weighted

Gain

- 25 dB, referenced to 2V RMS in balanced and full power output

Input Overload

- 10.4 V RMS Balanced
- 6.8 V RMS Single-ended

Total harmonic distortion

- <0.015%, 1 kHz, 150 W, 8 Ω load
- <0.08%, 20 kHz, 150 W, 8 Ω load

Output power

- 150 W RMS per channel at 8 Ω
- 300 W RMS per channel at 4 Ω

Output voltage

- 98 V peak to peak
- 34.6 V RMS

Output current

- 13 A peak

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Slew rate

46 V/ μ s

Output impedance

<0.023 Ω , 20 Hz

<0.035 Ω , 20 Hz to 20 kHz

Damping factor

>347, 20 Hz, referred to 8 Ω

>228, 20 Hz to 20 kHz, referred to 8 Ω

Power consumption

Standby: 11 W

Idle: 46 W

Maximum: 900 W

Heat output

Standby: 37 BTU/hr

Idle: 156 BTU/hr

Maximum: 3060 BTU/hr

Dimensions

17.25 in W x 4.12 in H x 18.00 in D

438 mm W x 105 mm H x 457 mm D

Weight

Unit only: 52 lb [23.6 kg]

As shipped: 60 lb [27.3 kg]

Specifications subject to change without notice.

Warranty

This Krell product has a limited warranty of five years for parts and labor on circuitry from the date of purchase or six years from the date of original shipment from the Krell factory. 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 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.krellonline.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@krellonline.com

<http://www.krellonline.com>