AC POWER GUIDELINES

Connecting the iBias Amplifier to Your System

Krell recommends using balanced interconnect cables. Balanced interconnect cables not only can minimize sonic loss but are also immune to induced noise, especially with installations using long cables. Balanced connections have 6 dB more gain than single-ended connections. When level matching is critical, keep this gain value in mind. For the Solo 375 or Solo 575, Krell recommends the use of CAST. A Krell exclusive technology, a Krell system connected with Krell CAST MMF cable is the fullest expression of Krell engineering.

Operating the iBias Amplifier

Because of its powerful amplifier channels and high-capacity power supply, iBias amplifiers will benefit from a dedicated AC circuit. Avoid connections through extension cords or multiple AC adapters. High quality 20 amp AC strips are acceptable. Please contact your authorized Krell dealer or distributor before using any devices designed to alter or stabilize the AC power.

Follow these steps to connect an iBias amplifier to your system.

1. Make sure all power sources and components are off before connecting inputs and outputs.
2. Neatly organize the wiring between the iBias amplifier and all system components. Separate AC wires from audio cables to prevent hum or other unwanted noises from being introduced into the system.
3. Connect the left and right loudspeaker cables to the amplifier's left and right loudspeaker output terminals (14).
4. Connect the left and right outputs of your preamplifier or processor to the appropriate analog inputs (15, 16, 17) on the iBias amplifier.
5. Plug the AC cord into the IEC connector (22) on the back panel of the iBias amplifier.

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

Starting 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 standby mode, with the red stand-by indicator (2) illuminated, turn the amplifier on by pressing the power button on the front panel (1). The red stand-by indicator (2) illuminates and the display shows the model number, firmware version, serial number, and IP address.
2. With the preamplifier or processor in the mute position, or the volume control fully attenuated, select a source.
3. Start playing the source.
4. Set the volume to a comfortable listening level using the preamplifier or processor volume control.
5. To turn the amplifier off, press the power button on the front panel (1). The red stand-by indicator (2) illuminates. It is now safe to turn off the rest of the system.

Unpacking

When unpacking the amplifier, check that all items from the shipping box are present in a safe location and remove the protective plastic wrapping.

Placement

Place the iBias amplifier in a safe location and remove the protective plastic wrapping.

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The iBias Amplifier network control allows you to place the iBias amplifier into the stand-by mode and adjust fan speed to maintain proper cooling. Temperatures listed in green, yellow, and red, indicating cool, warm, and hot operating temperatures, respectively. The front panel display shows the model number, firmware version, serial number, and IP address. Fault conditions are also displayed in the front panel display.

Network Control

Use this switch to control the iBias amplifier between stand-by and operational modes.

Front Panel

1. **Power Button**
   - Use this button to switch the iBias amplifier between stand-by and operational modes.

2. **Power Indicator**
   - The stand-by indicator illuminates red when the iBias amplifier is plugged in and the rear panel power breaker switch is in the up position, indicating that the amplifier is in the stand-by mode and ready to be switched to the operational mode. The indicator illuminates blue when the iBias amplifier is in operational mode.

3. **Front Panel Display**
   - The front panel display shows the model number, firmware version, serial number, and IP address. Fault conditions are also displayed in the front panel display.

4. **Channel Muting**
   - Press the speaker icon to mute and unmute an individual channel.

5. **Fan Operation Status**
   - Fan speed is monitored and is indicated by a green OK for proper operation and a red E for an error.

6. **Display Window**
   - Indicates amplifier status and any fault conditions.

7. **Software Update**
   - Press this button to initiate a software update.

8. **E-Mail Address Window**
   - Up to 3 email addresses can be entered to receive fault condition emails.

9. **Error Log**
   - Set to Enabled to have fault conditions sent to the email addresses listed in the E-mail address window.

10. **Channel Muting**
    - Press this button to mute and unmute an individual channel.

11. **Fan Operation Status**
    - Fan speed is monitored and is indicated by a green OK for proper operation and a red E for an error.

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    - Indicates amplifier status and any fault conditions.

13. **Software Update**
    - Press this button to initiate a software update.

14. **E-Mail Address Window**
    - Up to 3 email addresses can be entered to receive fault condition emails.

15. **Error Log**
    - Set to Enabled to have fault conditions sent to the email addresses listed in the E-mail address window.

16. **Network Control**
    - After connecting the iBias amplifier to a network via the RJ 45 connector (18), enter the amplifier’s IP address into the address bar of a network. The network must have an Internet-connected device. Emails will automatically be sent to as many as three email addresses to notify Krell, the end user and/or the dealer of the condition.

17. **CAST Inputs**
    - CAST Inputs 375 and Solo 575 only
    - The iBias amplifiers are equipped with one single-ended input per channel via RCA connector.

18. **CAST Inputs**
    - CAST Inputs are equipped with one single-ended input per channel via RCA connector.

19. **ETH Connection**
    - The iBias amplifiers are equipped with one balanced input per channel via XLR connector.

20. **Front Panel Display**
    - The front panel display shows the model number, firmware version, serial number, and IP address. Fault conditions are also displayed in the front panel display.

21. **Front Panel Display**
    - The front panel display shows the model number, firmware version, serial number, and IP address. Fault conditions are also displayed in the front panel display.

22. **Front Panel Display**
    - The front panel display shows the model number, firmware version, serial number, and IP address. Fault conditions are also displayed in the front panel display.

23. **Cooling Fans**
    - The iBias amplifiers are equipped with four fans. Please keep the fan openings clear of any obstructions to allow proper airflow.

24. **AC Power Breaker Switch**
    - Use this switch to change the iBias amplifier from off to the stand-by mode.

Note

Use only one type of connection: Single-ended, balanced, or CAST between Preamplifier and Amplifier.