

## AC POWER GUIDELINES

Operate each amplifier from a dedicated AC power line rated at a minimum of 20 amps.

### Note

Do not operate the Evolution e Series amplifiers with any device designed to alter or stabilize AC power.

## Connecting the Amplifier

### Pin assignments for the XLR connectors:

Pin 1	Shield (ground)
Pin 2	Non-inverting (0°) (hot)
Pin 3	Inverting (180°) (cold)

### Follow these steps to connect the amplifier to your system:

1. Turn all power sources and components off before connecting inputs and outputs.
2. Neatly organize the wiring between the 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 balanced operation, connect the interconnect cable(s) from your preamplifier to the balanced XLR input(s) (6) on the amplifier back panel. For single-ended operation, connect the interconnect cable(s) from your preamplifier to the single-ended input(s) (5) on the amplifier back panel.

### Notes

Krell recommends using balanced connections for superior sonic performance. The circuitry and connections associated with balanced operation not only can minimize sonic loss but also are immune to induced noise, especially for installations using long cables.

4. Connect the loudspeaker cables to the loudspeaker binding posts (3) on the amplifier back panel. Loudspeaker binding posts for both stereo and monaural amplifiers only accept spade lugs.
5. Plug the AC power cord into the IEC power connector (9) on the back panel.
6. Plug the other end of the AC power cord into the wall socket.

### Evolution e Series amplifiers are easy to operate:

1. Move the back panel power breaker switch (10) to the up position to place the amplifier in stand-by mode. The power status indicator (2) illuminates in green. Green is the standby color and indicates an ultra low power draw of 2 watts.
2. Press the power button (1) on the amplifier front panel. The power status indicator (2) illuminates in blue. The amplifier is in the operational mode.

### Note

The initial power-up phase lasts approximately 30 seconds from the moment the back panel power breaker switch is placed in the up position. If the power button is pressed during this period, the power status indicator flashes blue for the remainder of the initial power-up phase. When the initial power-up phase is complete, the power indicator illuminates in blue and is no longer flashing. The amplifier is in the operational mode.

3. With the preamplifier muted or volume control completely lowered, select a source.
4. Increase the volume control to the desired listening level.
5. To turn the amplifier off, place it in the stand-by mode by pressing the power button on the front panel. The power status indicator turns green, and the amplifier is in the stand-by mode.

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

### Powering off

Leave the Evolution e Series amplifiers in the stand-by mode between listening sessions. Turn the amplifier off using the power breaker switch (10), and disconnect the amplifier from AC power when the system is not being used for an extended time period.

## Operating the Amplifier

### Notes

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

To avoid loudspeaker 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.

Krell amplifiers have large reserves of clean power and can safely drive loudspeakers 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 loudspeaker distress.



2250e,  
3250e

EVOLUTION e SERIES POWER  
AMPLIFIERS

## Quick Setup Guide

The Evolution 2250e is a stereo amplifier. The Evolution 3250e is a three-channel amplifier.

Evolution e Series amplifiers can be configured to accommodate any sophisticated music or home theater system. In addition to manual operation, the amplifiers can be operated remotely by a 12 V trigger, or by using the remote control of other Krell components. Balanced and single-ended inputs are on the back panel. A protection circuit shuts the amplifier down if short circuit or over-temperature conditions are detected.

This guide outlines the basic steps for unpacking, placing, connecting, and operating an Evolution e Series Power Amplifier. Please contact your authorized dealer, distributor, or Krell if you have any questions not addressed in the owner's reference.

*This CLASS I apparatus must be connected to a MAINS socket outlet with a protective earthing connection.*

*The Evolution e Series amplifier must be placed on a firm, level surface where it is not exposed to dripping or splashing.*

*The ventilation slots on the top of all Evolution e Series amplifiers and the ventilation slots on the back of the Evolution 302e and 400e amplifiers must be unobstructed at all times during operation. Do not place flammable material on top of or beneath the component.*

*Before making connections to the Evolution e Series amplifier, ensure that it is off and the preamplifier is in 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. Be especially careful when connecting to terminals marked ⚡ which may have hazardous voltages on them during operation.*

**THERE ARE NO USER-SERVICEABLE PARTS INSIDE ANY KRELL PRODUCT.**

Two people are needed to remove an Evolution e Series amplifier from its shipping box safely and easily.

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

1 Evolution e Series amplifier	1 packet containing this quick setup
1 20 amp AC power cord	guide and the warranty registration card
1 12 VDC (12 V trigger) cable	

2. Orient the shipping box so that one person stands at the front of the amplifier and one person stands at the back of the amplifier. Both people need to grab a pair of the cardboard handle cutouts (one pair located at the front of the amplifier and one pair located at the back of the amplifier) and simultaneously lift the amplifier straight up, out of the carton.

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

Place the amplifier on a firm, level surface, away from excessive heat, humidity, or moisture. If you place the amplifier in a closed cabinet, you may need to modify shelf spacing or use small fans to increase ventilation. When the front and back of a cabinet are open, the air space between the chassis and shelf must be unobstructed.

Place the amplifier(s) as close to the loudspeakers as possible. While balanced connections technology permit long cable lengths, keep loudspeaker cable lengths to a minimum.

## OVERVIEW

## Getting Started

## WARNINGS



*This product complies with the EMC directive (89/336/EEC), low-voltage directive (73/23/EEC), and Eco-Design directive for energy using products (2009/125/EC). This CLASS 1 apparatus must be connected to a MAINS socket outlet with a protective earthing connection.*

## Unpacking

### Note

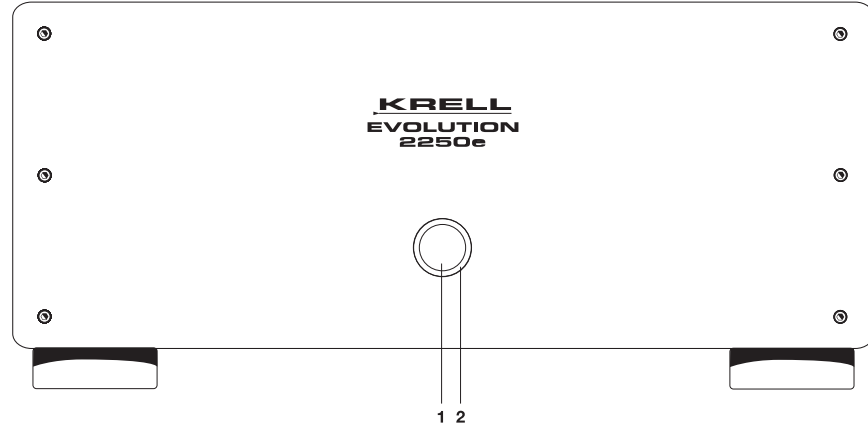
*Save all packing materials. If you need to ship the Evolution e Series amplifier in the future, repack the unit in its original packaging to prevent shipping damage.*

## Placement

MODEL

SERIAL NUMBER

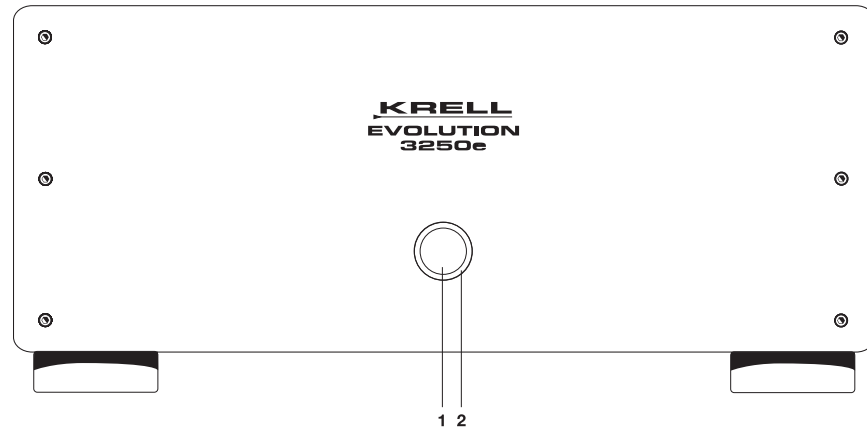
Figure 1  
Evolution 2250e  
Stereo Amplifier  
Front Panel



## Front Panel

- 1 Power Button**  
Press the power button to place the amplifier in operational mode.  
**Operational mode.** The power status indicator is illuminated in blue when the amplifier is in operational mode.
- 2 Power Status Indicator**  
**Stand-by.** The power status indicator is illuminated in green when the amplifier is in the stand-by mode. Green is the standby color and indicates an ultra low power draw of 2 watts.

Figure 2  
Evolution 3250e  
Three Channel Amplifier  
Front Panel



## Back Panel

- 3 Loudspeaker Binding Posts**  
**Stereo.** One pair of loudspeaker binding posts per channel.  
**Three-channel.** One pair of loudspeaker binding posts per channel.
- 4 Left and Right Single-ended Inputs**  
**Stereo.** One left single-ended input and one right single-ended via RCA connectors.  
**Three-channel.** One single-ended input per channel via RCA connectors.
- 5 Left and Right Balanced Inputs**  
**Stereo.** One left balanced input and one right balanced input via XLR connectors.  
**Three-channel.** One balanced input per channel via XLR connectors.
- 6 12 VDC Out/In (12 V trigger)**  
**In.** The 12 V trigger enables you to turn the Evolution e Series amplifier on or to stand-by from other components.  
**Out.** The output sends 12 VDC (12 V trigger) power on/off signals to other Krell components and other devices that incorporate a 12 V trigger.
- 7 IEC Power Connector**  
Used to connect the provided 20 amp AC power cord. This connector and power cord must remain unobstructed for easy removal in case of an emergency.
- 8 Back Panel Power Breaker Switch**  
Place this switch in the up position to put the amplifier in stand-by mode.
- 9 Balanced / Single Ended Input Select Switch**  
Set this switch for the stle of connection being used, balanced/XLR or single-ended/RCA.
- 10 Speaker Fuses**  
The speaker fuse protects the S-275 in case of overload or malfunction.

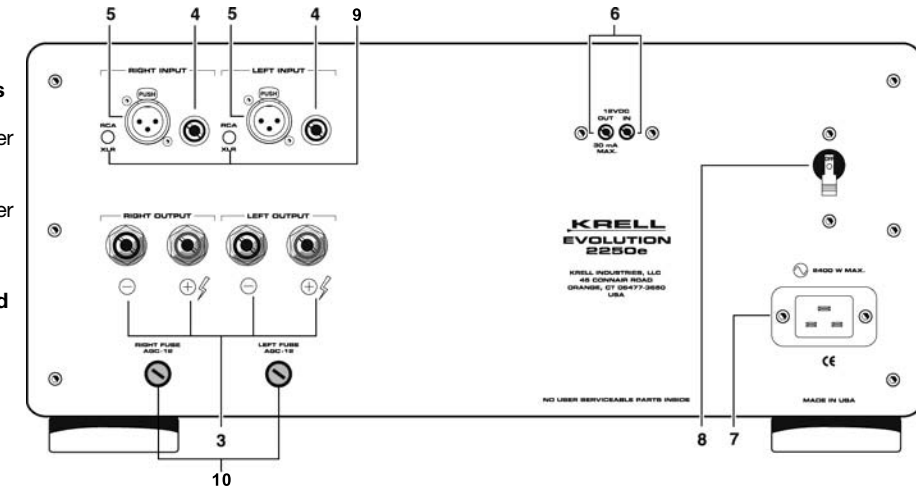


Figure 3  
Evolution 2250e  
Stereo Amplifier  
Back Panel

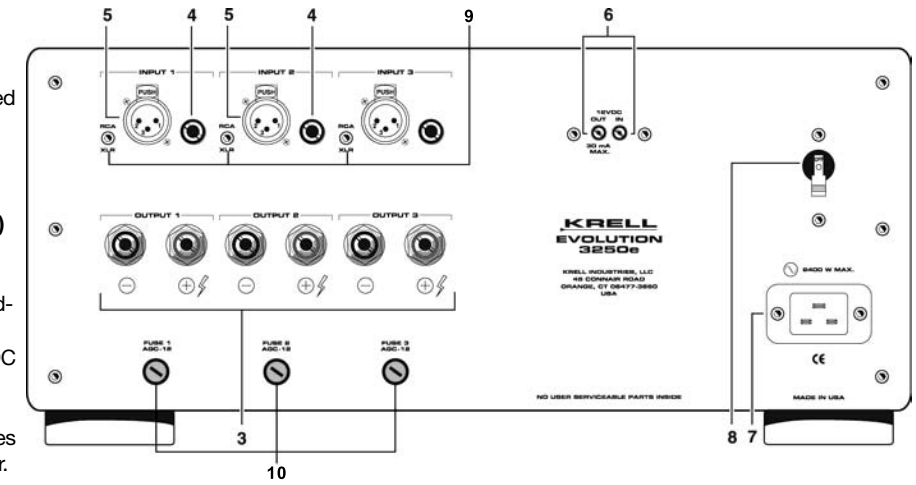


Figure 4  
Evolution 3250e  
Three Channel Amplifier  
Back Panel