SECTION 1
QUICK SETUP

STEP 01
Connect AC power adapter to rear power jack (16VAC), then connect to wall outlet.

STEP 02
Connect a cable from your audio player to the RCA Input jacks.

STEP 03
Connect headphones to the front headphone output jack.

STEP 04
Press the power button on the rear side of the amplifier. Keep volume low until music is playing.

SECTION 2
CONFIGURATION

Connectivity
EL AMP II accepts analog input via RCA jacks.

| Maximum RCA Analog Input Level (High Gain): | 2.2 VRMS (+9 dBu) |
| Maximum RCA Analog Input Level (Low Gain):  | 9.9 VRMS (+22 dBu) |

Setting Gain
Press the gain button to toggle between low or high gain amplification. Always use the lowest gain necessary.

Switch to high gain only when you’re unable to achieve desired listening volume at low gain.

Source Safety
EL Amp II is DC coupled for maximum signal quality and requires an input source with < 4.5mV of DC offset for safe operation. All JDS Labs DACs and consumer audio sources are safe to use.

If you experience warm headphones, a loud pop when changing gain, or severe rustling sounds while adjusting volume, immediately power off and contact the manufacturer of your audio source to ensure DC offset is below 4mV.

STEP 05
Slowly raise the volume knob to an appropriate listening level. See listening tips on page 5.
Preamp-Output Functionality

EL Amp II provides headphone output and RCA Preamp Outputs. Hold the Power/Mode button for at least 1 second to toggle between these modes. Only one mode is active at a time. Volume is adjustable in either mode.

Listening Tips

EL Amp II can amplify headphones to dangerously loud audio. Listen safely to conserve your hearing: www.hearingloss.org

Operating Care

EL AMP II uses a high current power supply and runs warm to the touch. Avoid covering the top and sides.

To ensure an optimal noise floor, always position headphone amplifiers as far away as possible from wireless devices.

Do not lift the amplifier by knob, or turn knob beyond its limits.

For maximum relay lifespan, cycle power at least once per month.

Use gentle force when inserting or removing cables.
Troubleshooting

Amplifier does not turn on
Cause: Missing or loose power adapter connection.
Solution: Firmly connect AC adapter to 16VAC power jack.

Internal LED flashes, then turns off
Cause: Wrong power adapter detected.
Solution: Please see Power Adapters section below.

No sound in one channel
Cause: Bad cable, or incorrect computer settings.
Solution: Check balance settings; try another headphone or RCA cable. Some Mac OS X systems will pan audio to the Left channel upon initial connection of a DAC. User must restore balance to center.

No sound from headphones
Cause: Wrong mode, or incorrect connectivity, or incorrect setup
Solution: Please see Connectivity page to toggle between Headphone or RCA Output. Check cabling.

Power Adapters

ATTENTION: Incorrect power adapters can result in capacitor explosion hazards and device damage. Only use the power adapter included with your Element:

<table>
<thead>
<tr>
<th>Type: AC-to-AC Transformer</th>
<th>Output Voltage: 16 VAC</th>
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<tbody>
<tr>
<td>Current: Minimum 1000mA</td>
<td>Connector: 2.1x55.mm (ID x OD)</td>
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